



YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	PDEA's College of Engineering
• Name of the Head of the institution	Dr. R. V. Patil
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	9850660498
• Mobile No:	9850660498
• Registered e-mail	coem@pdeapune.org
• Alternate e-mail	rvpatil3475@gmail.com
• Address	Hadapsar - Wagholi Link Road, Hadapsar
• City/Town	Pune
• State/UT	Maharashtra
• Pin Code	412307
2.Institutional status	
• Type of Institution	Co-education
• Location	Semi-Urban
• Financial Status	Self-financing

• Name of the Affiliating University	Savitribai Phule Pune University				
• Name of the IQAC Coordinator	Dr. A. S. Deshpande				
• Phone No.	9325441692				
• Alternate phone No.	9552794174				
• Mobile	9552794174				
• IQAC e-mail address	ajitsd72@gmail.com				
• Alternate e-mail address	ajitsd26@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year)	www.pdeacoem.org				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://assessmentonline.naac.gov.in/storage/app/public/aqar/12290/12290_4_3.pdf?1654581912				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.54	2017	30/10/2017	29/10/2022
6.Date of Establishment of IQAC			20/07/2017		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
0	0	0	0	0	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			View File		
9.No. of IQAC meetings held during the year			1		

<ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> • If No, please upload the minutes of the meeting(s) and Action Taken Report 	View File	
<p>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</p>	No	
<ul style="list-style-type: none"> • If yes, mention the amount 		
<p>11. Significant contributions made by IQAC during the current year (maximum five bullets)</p>		
<p>1. Working MoUs are signed and the related activities were conducted under it. 2. Faculty Development programs were organized and Faculty members were given financial support to attend the same in other Institutes of the University. 3. To impart value based education:- Various programs were conducted such as Celebration of National days, Teachers Day and Engineers Day, organization of blood donation camps, tree plantations, voter's awareness programs etc. 4. Due to pandemic situation Sports events could not be conducted in the college, but Financial Support was provided to deserving students to participate in events organized at University level.</p>		
<p>12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</p>		
Empty space for plan of action and outcome		

Plan of Action	Achievements/Outcomes
<p align="center">Course coverage, Student feedback, Result analysis</p>	<p align="center">As targeted 100% course coverage is achieved in all classes of Engineering & MBA department. Achieved 90% satisfaction students feedback on Teaching-Learning Activities.</p>
<p align="center">MoUs with Industry & Institutes</p>	<p align="center">10 Working MoUs are signed and the related activities are conducted</p>
<p align="center">To enhance faculty/staff skills & knowledge - By Encouraging qualification enhancements, In-house skill development programs, Participation in activities/programs within and outside the College campus</p>	<p align="center">Various Online (due to pandemic situation) Faculty Development programs organised and Faculty members were given financial support to attend the same in other Institutes of the University.</p>
<p align="center">To impart value based education - By organizing NSS & Other Social programs</p>	<p align="center">Organised events like Yoga Day, National days, Teachers Day and Engineers Day, blood donation camps, tree plantations and voter's awareness programs, university level technical symposium FUTURIZM.</p>
<p align="center">To promote and develop the sports spirit among the students - By Organising sports events in college and by promoting the participation in University, State, National Level sports events</p>	<p align="center">Financial Support was provided to deserving students to participate in events. Due to pandemic situation Sports events could not be conducted in the college.</p>
<p align="center">To focus on developing PDEA COEM as favorable destination for recruitment & competent manpower - By enhancing the Training & placement activities</p>	<p align="center">Around 18 events were conducted and total 936 participants got benefited by these events related to Training & Placement activities.</p>
<p>13. Whether the AQAR was placed before statutory body?</p>	<p align="center">No</p>
<ul style="list-style-type: none"> • Name of the statutory body 	

Name	Date of meeting(s)
Nil	Nil

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2020-21	31/01/2022

15. Multidisciplinary / interdisciplinary

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16. Academic bank of credits (ABC):

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17. Skill development:

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

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

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20. Distance education/online education:

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Extended Profile

1. Programme

1.1 325

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

File Description	Documents
Data Template	View File

2. Student

2.1 375

Number of students during the year

File Description	Documents
Data Template	View File

2.2 **261**

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

File Description	Documents
Data Template	View File

2.3 **224**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 **51**

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 **66**

Number of Sanctioned posts during the year

Extended Profile	
1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	325
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	375
File Description	Documents
Data Template	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	261
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	224
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	51
File Description	Documents
Data Template	View File

3.2 Number of Sanctioned posts during the year	66
File Description	Documents
Data Template	View File
4. Institution	
4.1 Total number of Classrooms and Seminar halls	18
4.2 Total expenditure excluding salary during the year (INR in lakhs)	263.17
4.3 Total number of computers on campus for academic purposes	320

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

1. Planning:

(i) Academic calendar and subject allotment:

PDEA's College of Engineering, Manjari, bk, Pune is affiliated with Savitribai Phule Pune University, Pune, and follows the curriculum prescribed by the University. The Academic monitoring committee is responsible for maintaining the standards of instructions required to empower the students with knowledge and make them competitive for challenging environment. The members of the academic committee discuss their action plans with the principal to arrive at an optimal and effective way for curriculum delivery. At the commencement of every academic semester, an academic calendar gets circulated as per the SPPU schedule. Subject allocation is done based on faculty competency and experience. Faculty prepares the Course file, as per the content of the index decided by the committee.

(ii) Preparation of Course Delivery File:

Every subject teacher prepares the subject course file. It includes vision, mission of the institute/department, PEOs, POs, PEOs, COs, syllabus, individual/class time table teaching plan, assignments, tutorial/practical plan, Question bank as per Bloom's Taxonomy, mappings of COs & POs, Previous Year Question Papers, List of Text & Reference

Books, e-content, handwritten notes and the Laboratory Manual of the respective practical subjects including the details of all experiments.

(iii) Academic Preview Process:

The Academic preview process is conducted at the beginning of each semester for academic planning, constructive feedback and continuous improvement. The Principal as well as HOD verifies and validates the academic preparation (including previous University exam paper solution, Assignments, Internal Assessment (IA) question papers) as per the standard preview format and suggestions are given, if required. The staff is constantly encouraged to attend faculty development Programme, workshops and seminars to update their knowledge.

2. Curriculum Delivery:

An active plan is formulated by the institution to ensure effective delivery of Curriculum through Lectures and Lab Sessions. Due to COVID-19, the Institution has shifted to various online learning platforms like Google meet, zoom, and Moodle, etc. As per AICTE induction program guidelines, students are familiarized by the departments about syllabus contents, teaching pedagogy, Institutional clubs and soft skills to make them good human beings and help nature and society. To achieve the maximum outcome of curriculum delivery, students are given exposure to the content through various activities like technical clubs, Project competition, and expert talks by eminent speakers for their career guidance, placements, and Industry trends.

3. Monitoring implementation of Curriculum delivery:

To ensure effective distribution of the curriculum through lectures and practical sessions, a weekly reports of the lectures conducted are kept and forwarded to the concerned academic monitoring committee for corrective action.

4. Monitoring effectiveness of student learning:

The institute conducts mock internal examinations for monitoring students' performance. Continuous evaluation is maintained by internal assessment tools after completion of every unit. Advanced learners and slow learners are identified and necessary actions are initiated. Students are encouraged to publish their project work in Conferences / Journals. Teacher-Guardian scheme keeps the track of the average attendance of the students and communicate with their parents in parents meeting.

5. Feedback and Takeaways:

Feedback from Students, Employers, and Alumni are taken based on predefined parameters. Further, faculty-wise student feedback is reviewed and corrective measures are taken to enforce necessary changes by the HODs and Principal. After the end semester examination, university results are declared; analyzed and corrective measures are taken accordingly. Academic Review Process is carried out at the semester end to verify implementation of course file.

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

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

The process of preparing the academic calendar and its adherence is mentioned below:

A tentative academic calendar for the institute is prepared following the calendar of university. Generally, the calendar is prepared semester-wise. The holidays (Govt./University) are mentioned in the calendar. Any required changes/ reforms are included in the calendar for the present semester. The continuous assessments to be conducted are mentioned in the calendar following the guidelines and timeline provided by the university. The Academic calendar is prepared in the meeting of all the Heads of Departments and IQAC members. It is made available for all the stake holders.

The academic calendar contains the following:

1. Commencement of Teaching Learning Process
2. It includes specific dates for conduction of Continuous Evaluations – Internal assessment tests for theory subjects and for Practical, as prescribed by the University.
3. End-semester examinations (Practical & Theory) for University assessments.
4. Cultural events, Holidays and Semester-break.

Meeting with parents is planned, where they are briefed about the progress of their wards, added infrastructure and facilities of the college.

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

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.

Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

B. Any 3 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

5

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

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

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File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

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

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File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The curriculum of UG programs includes courses to encourage professional ethics and Human Values in students. All the programs offered in the institute have courses in their curriculum which integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human values and Professional Ethics. These cross cutting issues are integrated into mandatory and Humanities Elective courses in the under graduate programs. The Audit courses in the curriculum which address these cross cutting issues through 'Induction Program', 'Professional Ethics & Human Values', 'Technology and Society' in the various programs. The curriculum includes different courses that address the Environment and its related issues.

In addition to enriching the curriculum by integrating cross cutting issues, the institute organizes various awareness programs and events by the NSS unit to alert the students about Human values, Ethics, Environment and Gender awareness. The institute provides equal opportunities to boys and girls in all types of student activities organized. Awareness programs and events are organized on national and international days such as World Health Day, Teachers day, Engineers day, Republic day, Independence day, Yoga day and Sports day etc.

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

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

6

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

223

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
Students
Teachers
Employers
Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

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

B. Feedback collected, analyzed and action has been taken

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

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

420

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

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

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

98

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Students securing marks below 40% in university examination are identified as Slow Learners and the student securing marks above 70 % are identified as Advanced Learners.

Advanced Learner: We organize Expert Lectures to bridge the gap between curriculum and industry for advanced learner student. Due to pandemic scenario we motivate students to find their area of interest. We allow students to take part in live project under sponsored project category to enhance their ability. We encourage them to take part in different Project competitions as well as in research paper presentation at appropriate level.

Slow Learners: We assign mentor for each student. Student shares their problems with respective mentor and mentor try to solve them. We provide special assistance from teachers. We motivate the students to attend expert lectures, NPTEL lectures which are conducted from various IIT faculties to understand basic concepts. We conduct MOCK examinations. We organize remedial classes for those students who still need to improve in some areas.

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

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

Number of Students	Number of Teachers
840	51

File Description	Documents
Any additional information	No File Uploaded

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Institute faculties are shifting their focus over last few years to the student centric learning process. Instead of conventional teaching-learning process, the institute provides a platform to students to explore independently as well as in a group to learn and to get an experience through self-study like assignments, case studies, mini projects and lab assignments etc.

The above teaching and learning methodologies are used to motivate students for better understanding, increased depth and developing independent work attitude.

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

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

The Institute follows ICT enabled teaching in addition to the traditional classroom education. All 51 teachers of the institute are using ICT tools and resources available. There are 10 ICT enabled classrooms, 12 projectors, 2 audio systems, one language lab are available in the institute. Also institute provides one Smart classroom, one Virtual classroom and one Remote centre. Desktop, laptops and printers are arranged in different classrooms/labs and faculty rooms, HOD Cabins and all prominent places all over the campus.

Online Classes are conducted with the help of digital platforms like Zoom, Google Meet, Microsoft Team etc. Google Classroom is extensively used to upload the material required for smooth learning.

The institute has a section for e-resources: MOODLE, where teachers upload study material of their respective subjects. Digital Library resources (DEL NET) are also available in the institute online.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	http://www.pdeacoem.org/downloadpublicdocument?hdid=302

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

2.3.3.1 - Number of mentors

50

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	No File Uploaded
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	No File Uploaded

2.4 - Teacher Profile and Quality

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

51

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

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

02

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

16

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The Institute is accountable to the stakeholders - students, faculty, parents and alumni. The evaluation processes are brought to the notice of the students and faculty through the following:

- The evaluation parameters and methodology is finalized in the faculty meeting. Suggestions from the faculties are incorporated in finalizing the policies.
- The suggestions of alumina taken in alumni meeting are also considered while deciding the strategies. The policies are revised in every semester in general meeting.
- The Institute makes aware to the admitted students and parent about the evaluation process through the Induction Program conducted at start of college at the Institute level.

- The Institute notifies the students and parent regarding schedule and structure of internal and SPPU's evaluation system at the commencement of the academic year.
- The term work marks are given on different parameters like ...

(i) Attendance of student (ii) Internal examination performance (iii) Continuous assessment and(iv) Mock practical /oral examination.

- Students' performance is assessed by assessment / submission for practices and Mock examination for Theory subjects.

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

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

The institution implements all the redressal of examination related grievances as prescribed by the SPPU. The student can approach the Teachers, Departmental Examination Coordinator, College Examination Officer and Principal to redress the examination related grievance as per the requirement

and jurisdiction of the grievance.

Departmental Level: The continuous evaluation of students is carried out by faculty regarding theory assignments, labs assignments, and mock examinations. The marks are allotted based on defined strategies. The student will discuss their queries with faculty and departmental examination coordinator.

College Level: As per SPPU directives, the institute has appointed a senior and experienced faculty member as College Examination Officer (CEO). The Examination Committee is structured with the Principal as a Chairman assisted by CEO and faculty members from each department.

The grievances during the conduction of online theory examinations are considered and discussed in consultation with the Principal by CEO and if necessary forwarded to the university examination section.

University level: The queries related to results, corrections in mark sheets, other certificates issued by university are handled by examination section after forwarding such queries through the college examination section. Students are allowed to apply for revaluation by paying necessary processing fee to the university if they are not satisfied with evaluation.

File Description	Documents
Any additional information	View File
Link for additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=304

2.6 - Student Performance and Learning Outcomes

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

Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students. The department has clearly defined Programme Educational Objectives (PEOs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs). They have been articulated by taking inputs and suggestions from every stake holder.

Programme Educational Objectives (PEOs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) are clearly stated and uploaded on the website and discussed in the classrooms. COs are also available in the Course file maintained by the faculty members. The PEOs and PSOs are aligned with institute vision and mission statement.

The institute is affiliated to Savitribai Phule Pune University. The curriculum is design by the university and is used to guide the process for defining PEOs.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	View File

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

The course coordinator defines the policy for attainment of each CO through theory assignments, tests, mini-project, lab assignments and activities to be performed by students. All questions of internal assessments are mapped with COs. Being affiliated institute 60% weightage is for external tests and 40% for internal test. The performance of students in projects, lab work and student's activities are mapped with COs. Through direct tools like assignments, test, projects, performance rubric, the attainment of COs is evaluated at end of the semester. Through mapped COs, the attainment of POs/PSOs is evaluated. For getting overall attainment of POs/PSOs, the weightage for attainment through internal evaluation is 50%, weightage for attainment through student's activity is 40% and that for indirect tools is 10%. The various assessment process resulting in attainments is evaluated by course coordinator and conveyed to the students.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=332

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

241

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution

may design its own questionnaire) (results and details need to be provided as a weblink)

<http://pdeacoem.org/downloadpublicdocument?hdid=374>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

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

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

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

0

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

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

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

during the year

16

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

3.2 - Research Publications and Awards

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

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

17

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

7

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

3.3 - Extension Activities

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

The institution has established NSS unit since 2009, which organizes various extension activities to address the societal issues and sensitizes our students towards them. Our institute is very insightful to the impact of various extension activities on its students, employees, as well as on the regional community and on the environment. The institute believes in giving back what it has gained from the communities in which we live, work and play. Social activities include Blood Donation Camp, Swachha Bharat Abhiyan, Cashless Economy Workshop, Green Campus, Tree Plantation and Road Safety Awareness Program, Voter Awareness Camp through NSS cell. Students have made and distributed mask during pandemic as a social responsibility. Students also made posters to create health awareness among peoples. Activities like Earn and Learn scheme, skill development trainings are organized. Every Student association has a faculty in charge for smooth and effective working. Various student chapters under various professional bodies like CESA, MESA, EESA, ITSA, and INSA platforms were formed for the students at departmental level. Students actively participate and organise various events through these chapters as per departmental needs and requirements for overall development of students with social activities and create social awareness and responsibilities among the students.

File Description	Documents
Paste link for additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=336
Upload any additional information	View File

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

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

0

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

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

6

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

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

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

307

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

3.4 - Collaboration

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

46

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

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

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

5

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

PDEA'S College of Engineering follows all the norms of AICTE, DTE and Savitribai Phule Pune University for establishing, maintaining and up-grading its infrastructure for teaching learning process. The campus is surrounded with Greenery along with large playground. The college has facility of IT resources, internet, hostel, canteen, power backup and library resources, etc. The College has well equipped laboratories, well ventilated ICT enabled classrooms, tutorial rooms, seminar hall and staff rooms. Modern teaching and Learning methodologies have been adopted for effective and problem based learning.

The college has ample number of well-maintained classrooms in each

department. There is a library in every department which has several numbers of books along with Central Main Library. There are seminar halls for conducting seminars and workshops for faculty members and students which are equipped with LCD projectors, white board, public addressing system as well as internet connectivity, smart board and multimedia facilities. The Central Library is furnished with various number of reference books for different areas and fields, as well as with online and offline resources, national and international journals, magazines and newspapers, etc. The library has ample space for different sections. The institute has well equipped workshop.

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

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

The college encourages the students to actively participate in sports activities as well as cultural activities. Students participate in sports conducted at inter college level, University level and state level.

A playground has facilities for various outdoor games like cricket, football, kabaddi, Volley ball and badminton etc. Similarly, the institute also has the provision for indoor games such as chess, carrom and table tennis.

The gymnasium is also available in the college and equipped with body building and fitness equipments like multistation, free weight, bench etc.

For bringing out the hidden talent of the students and for the exposure of their interpersonal skills, team spirit and management, the students are encouraged to participate in cultural activities at college level and university level. The students are encouraged to participate in Purushottam Karandak and Firodiya Karandak. The college facilitates the students to celebrate Teachers day, Engineers day. During this pandemic, cultural committee has arranged inter departmental events like Poster making competition on any social issue , Dancing, Singing, Acting has been conducted online.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=324

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

02

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

10

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=325
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

15

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

Library Management System:

The library is the knowledge resource centre of the college and is partially computerized through Integrated Library Management System with the help of Tech Divinity Digital education system, ERP software version number techd-v 2018.8.11. The LMS has modules Viz. Library Category Master, Item Management, Subscription Management, Library Membership, Issue Item, Return Item, News Paper entry etc. This software provides facility to create, view and print records of accession register, bill report, and membership reports etc. The software has facility to generate identity card for students and staff.

Issue and return of books is done manually as well as through Barcode system.

The collection has knowledge books such as Dictionaries, Britannica Encyclopedia, India Year book, Manorama Year book. 654 CDs on different subjects like e-books and e-journals are available for students and staff. The central library has a membership of Jaykar Library, Savitribai Phule Pune University, Pune.

Library information is available on college website which provides different services for user such as SPPU Syllabus, Shodhganga, Jaykar Library, British Library, Open Access Journals (DOAJ), National Digital Library.

Library Computer Facility: In the Library 10 computers with internet facilities are available for accessing e-journals & other e-contents.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://www.pdeacoem.org/downloadpublicdocument?hdid=317

4.2.2 - The institution has subscription for the following e-resources e-journals e-

ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

0.30

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

25

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

In our college, laboratories are enabled with LAN facility with bandwidth of 40 Mbps leased line from BSNL service provider and there is also a secondary backup of 10 Mbps from Reliance Jio. Wi-Fi connection has also been enabled. There are some classrooms which are equipped with Wi-Fi connection and LAN facility. Wi-Fi and LAN facilities keeps on upgrading according to the norms of AICTE.

For online learning Teachers and students can use NPTEL links. According to the requirement/recommendation from department, upgradations in infrastructure are being processed-

- Outdated computer systems are either upgraded or replaced time to time for better utilization of each resource.
- Developed e-learning facilities in all classrooms which will help to enhance the knowledge of students.
- All software and hardware are updated according to the curriculum requirements.
- Digital library, e-journals, internet and Wi-Fi facilities, CCTV are upgraded time to time.
- Faculty and students are encouraged to use open source software.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=327

4.3.2 - Number of Computers

320

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

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

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

20.8

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The College has well-defined policy and system to monitor, control and direct maintenance and utilization of facilities time to time.

Funds are allocated for systematic maintenance of required facilities. The college reviews the budgetary requirements for building, furniture, laboratory equipment and computer systems etc before the commencement of academic session and its allocation is also furnished for academic requirements.

Maintenance of other support systems:

The College has appointed personnel for maintenance of infrastructure and supervision. Housekeeping staff has been appointed for regular cleaning of corridors, washrooms, classrooms, laboratories, hostels and the college premises.

Classroom management:

Classroom is the most primary work space, which needs to be managed with proper systems and procedures as recommended by the Management and the University. It is followed keeping in mind the modern teaching learning environment. The classrooms, seminar halls and staff room are provided with enough seating capacity and LCD software. They are maintained on regular basis.

Water Coolers- The maintenance of water coolers is carried out by _____. Clean and hygienic drinking water is available in campus. Overhead water tanks are cleaned periodically.

An electrician has been appointed for repair and maintenance of electrical works. Facilities in laboratories such as water taps and electrical fixtures are monitored by the respective laboratory technical staff.

Generator facility: The campus has power backup facilities and generator which are monitored on regular basis.

Dry and wet cleaning: They are performed to class rooms, seminar halls, laboratories, staffrooms, office, library, corridors and wash rooms on daily basis by housekeeping staff.

Hostel: Hostel committee regularly monitors maintenance and cleanliness of facilities in hostel performed by housekeeping staff and supervised by warden.

Facilities like first aid kits have been provided in all departments for emergency use.

Maintenance of library facilities:

The books and journals are maintained against mutilate. Binding of books is being done for teared books against further damage. Stock verification is done as a part of regular monitoring and control. The College has constituted Library Committee for effective accessibility of learning resources to students and faculty.

The Library Committee is involved in the following activities.

Procurement of new books and renewal of journals. To frame and implement the rules and strategies for issuing of books and journals. To execute guidelines for optimum utilization of resources and better services. To maintain and update all library

records. To update and upgrade the library periodically as per updates in curriculum. According to the feedback and requirement of faculty members demand for new titles from various vendors is being procured.

Maintenance of computing facilities:

The maintenance of computing facility is carried out by the system administrator and the technical assistants of the respective departments. The computers and ICT tools are monitored and maintained on regular basis by respective technical assistants. The software updates and internet related problems are resolved by respective service providers.

Maintenance of computers (Hardware and Software), updating software related to administrative and overall maintenance of campus infrastructure. Annual maintenance contracts for computers, copier machines, software, CCTV, Fire extinguisher, garden, security are in place. Policy is developed to maintain a balanced student and computer ratio, so that all students will be benefited for academic purposes.

Maintenance of extracurricular facilities: Common amenities such as sanitation, plantation, indoor and outdoor game facilities, yoga centre and gymnasium are maintained on regular basis.

Canteen: The canteen maintenance committee takes care of quality of food and other related issues.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=328

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

625

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

02

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

B. 3 of the above

File Description	Documents
Link to institutional website	http://www.pdeacoem.org/downloadpublicdocument?hdid=341
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

235

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

235

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

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

B. Any 3 of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

37

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

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

03

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

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

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

government examinations) during the year

1

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

5.3 - Student Participation and Activities

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

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

4

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

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

Students Council is established every year as per SPPU guidelines. The student's council consists of SDO, senior faculty member, Physical Director, NSS program officer, Class Representatives (CRs/LRs) from all classes. All these members are selected/elected as per the guidelines given by SPPU from time to time.

The Activities of student council:

- Organizes various activities and events in the college such as academics, co-curricular, cultural and extra-curricular.

- Motivational activities for the students to participate in college activities.
- Organisation of national or university level technical symposium like FUTURIZM.
- Motivate students to participate in Technical and Co-curricular activities.
- Celebration of National days, Teachers Day and Engineers Day.
- The organisation of blood donation camps, tree plantations and voter's awareness programs.

Role in Academic and Administrative Bodies: Students are also involved in academic as well as administrative bodies for decision making for the betterment of students. viz. departmental associations and various clubs. There is some funding from SPPU for the conduction of activities.

File Description	Documents
Paste link for additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=349
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

04

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Contribution of Alumni Association to the Institution

- To act as a bridge between college and the industries for interaction of latest developments.
- To encourage the students from the department by awarding prizes to meritorious students showing bright performance in the field of education, sports and cultural activities.
- To enrich the central library by donating old and new books in the field of engineering and technology.
- To organize programs on personality development, interview technique and leadership development, education in health science, yoga, literature, sports etc.
- Alumni Association helps to enhance core values of excellence, lifelong relationships, lifelong learning, inclusiveness, diversity and global citizenship.
- Support a strong relationship between the Alumni and current students.

Recognize fellow alumni who are distinguished by their loyalty, professional achievement and community service.

- Assist current students and alumni in career planning, placement and transitions;
- Encourage the students for qualifications and diverse perspectives.
- Alumni are great models for current students and offer practical support to students as they start their careers.

To extend every possible help to the college authorities for the overall progress of the institution.

File Description	Documents
Paste link for additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=346
Upload any additional information	View File

5.4.2 - Alumni contribution during the year D. 1 Lakhs - 3Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The Pune District Education Association, Pune, Maharashtra was established in 1942. The society has initiated an institution by name " P.D.E.A's College of Engineering" in 1998 to provide quality technical education to students from both rural and urban areas.

Governance:

The governance of P.D.E.A's College of Engineering is planned by keeping in view of the mentioned vision and mission. The institution strives to achieve its vision by working through its mission with key factors such as good governance, quality academic processes, and infrastructure.

The institution has an Academic Council, chaired by the Principal and heads of all the departments. It provides expert advice in formulating academic policies, regulations, goals and objectives to promote career opportunities for the students.

Internal Quality Assurance Cell (IQAC) has been established as per the guidelines with a view to promote over all quality standards.

Perspective Plan: The perspective plan for the next five years includes continuing the status of accreditations, Centre of excellence, consultancy and placements.

Participation of the staff members : The faculties and other staff members are involved in various decision making bodies like College Development Committee, Governing council and various portfolios etc. of the institution.

File Description	Documents
Paste link for additional information	http://www.pdeacoem.org/visionmission.jsp
Upload any additional information	No File Uploaded

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

:

The management is highly committed and dedicated to the service of catering to the contemporary requirements to impart quality education. The management gives freedom to the Principal to fulfill the vision and mission of the college. The management provides the required infrastructure for the proper functioning of the institution. The responsibilities of each faculty member are communicated through Principal and HODs in regular staff meetings. The Management, Principal and faculty of the college are committed towards strategic work, its implementation and maintain documentation, and extend further efforts to continue the effectiveness of the plans through a Quality Management System. Management is committed to ensure conformity and compliance with standards. The institution follows decentralization and participative management which promotes quality in education system.

Preparation of the next academic year with Working days and mock exams, Department activities, Guest Lectures, Industrial Visits, Internships, Placement Training, FDPs / Workshops / Conferences, and celebrations.

The HOD's submits the final schedule to Principal for approval. All committees follow the same. Nearly 90% of the events as per schedule are conducted every year.

File Description	Documents
Paste link for additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=356
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Institution has designed the strategic / perspective plan and it is developed, driven, deployed and reviewed through IQAC. The different quality parameters given in strategic / perspective plan are effectively implemented and reviewed by all stakeholders in line with vision and mission of the institute. There is a special emphasis on Outcome Based Education (OBE) and Experiential Learning. The IQAC takes into account the vision and mission and several other aspects of the institution and formulates processes to ensure quality outcomes.

The prominent resources that the institution currently has

- Well qualified and experienced faculty members
- Central Library
- Good infrastructure facilities with well-equipped laboratories and computer center.

Perspective Plan for the development of college:

- Strengthen industry-institute interaction.
- Improvement of consultancy services.
- Establishment of new innovation and incubation centers.
- Centre of Excellence.
- Creating an intense research ambiance interms of establishing recognized R&D centers in all the departments.

The following major deployments have been taken place after the accreditation

- Standardizing the OBE based teaching-learning processes
- Strengthen the alumni association.
- Recognized as NPTEL Local Chapter.
- Adoption of Choice Based Credit System (CBCS) in curriculum

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	collegecirculars.unipune.ac.in/sites/documents/Syllabus2020/SE_Computer_Engg._2019_course_28.06.2021.pdf
Upload any additional information	View File

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

The institute has an efficient governance structure.

The members of Management take keen interest in the development of the Institute. Their association with the Institute through CDC, IQAC, Purchase Committee, Academic and other committees has always proved to be supportive. The day to day administration is seen by the Principal, and Heads of Departments.

Service rules, policies and procedures:

The acts and rules are adopted as guidelines for procedures, recruitment, promotional policies, code of conduct issued from time to time by the regulatory bodies like AICTE, DTE Maharashtra state, Savitribai Phule Pune University from inception. All other applicable state/central government rules and Bye-laws of Pune District Education Association are duly considered. The Institute has clearly defined policies for all administrative and academic processes. These are approved by the parent body. All processes are adhered to and implemented with a high degree of transparency. The Institute communicates its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders through Institute website www.pdeacoem.org, admission brochure, Institute/departmental photos, Induction and orientation programs, alumni and parents, placement brochure, newsletters and Institute Magazine and so on.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	Nil
Upload any additional information	View File

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

The institution has effective welfare measures for its employees and it provides a caring and supportive working environment for them. Some of the welfare measures for teaching and non-teaching staff are listed below-

Welfare schemes for

Teaching

Non-teaching

- Maternity leave for female staff is provided as per the prescribed norms.

- CL & ML are also provided as per the prescribed norms.

- On Duty leaves for attending conferences / seminars / research activities and examination works assigned by the SPPU and industrial training.
- Vacation leave is provided as per the period prescribed in the SPPU Academic Calendar.
- Provident Fund to all the approved staff.
- Appreciation/Reward for remarkable work/outstanding contribution/Ph.D. Completion.
- Permission is given to the staff for higher education.
- Financial support is provided to staff for conferences / Research work / STTP / FDP / Workshop / Seminar, etc.
- Maternity leave for female staff is provided as per the prescribed norms.
- CL & ML are also provided as per the prescribed norms.
- Vacation leave is provided as per the period prescribed in the SPPU Academic Calendar.
- Provident Fund to all the permanent Nonteaching staff members.

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

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

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

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

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

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

10

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

103

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

A performance appraisal system for faculties is set-up, well integrated with institutional functioning. All regular teaching and non-teaching staff of the Institute are evaluated every year..

Performance Appraisal is based on :

For Teaching Staff :

- 1) Teaching- Learning evaluation.
- 2) Co-curricular and professional development activities.
- 3) Administrative and extracurricular development contribution.
- 4) Research, consultancy and development contribution.

All non-teaching staff is also assessed through annual performance appraisal.

For Non-teaching staff :

- 1) TEACHING, LEARNING & EVALUATION RELATED ACTIVITIES.
- 2) CO-CURRICULAR & EXTRA CURRICULAR & PROFESSION DEVELOPMENT RELATED ACTIVITIES.
- 3) RESEARCH,CONSULLARY & DEVELOPMENT CONTRIBUTIONS.

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institute has a well-defined mechanism for internal and external audit. The internal financial audit of the institution is an ongoing continuous process. In addition to these external auditors also verify and certify the entire Income, Expenditure and the Capital Expenditure of the Institute every year. Internal Auditors have been appointed at Head Office Level and a team of staff under them to do a thorough check and verification of all financial details that are carried out in each financial year. Likewise, an external audit is also carried out in an elaborate way every year by external statutory Auditors as per the standard norms of Audit and Government regulations. The institute regularly follows Internal & external financial audit system.

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

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0.5

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

Institute maintains and follows a well-defined process for the mobilization of funds and resources through various committees. Institute has designed well framed policy / Annual budget for the fundand resource utilization. Tuition fee of students is the major source of income for the institute. Sponsorship funds are also sought from various government and non-government agencies for events like seminar/workshops etc.

Utilization of Funds

- The optimum utilization of funds for various recurring and non-recurring expenses is monitored by all concerned.
- The purchase committee seeks quotations from vendors for the purchase of equipment, computers, books, etc. and scrutinized the same before a final decision is made based on different parameters.
- The Principal and committee members ensure that the expenditure lies within the allotted budget.

Resource Mobilization Policy and Procedure

- At the commencement of financial year, institutional budget is prepared which includes recurring expenses such as salary, electricity and internet charges, stationary along with planned expenses such as lab equipment purchases, furniture etc.
- The budget is scrutinized and approved by the College Development Committee (CDC).
- Statutory auditors are also appointed for certification of the financial statements every year.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The contribution of IQAC is very positive since its formation in the year 2016-17. The IQAC has very well defined the standard process to be carried out across the Institute for continuous improvements in the goals set by the IQAC. IQAC regularly reviews the performance in all the sectors by the following methodology:

By conducting Regular IQAC - Meetings throughout the year

Course Coverage is checked in regular intervals

Reviews are taken about the proposals submitted by the Faculties for Sponsored Projects

Regular reviews are taken about the targets set for the Industry linkage for consultancy projects, MoUs, Internship opportunities etc.

Reviews are taken about the Qualification Improvement efforts taken by the Teaching staff members by arranging the Workshops, seminars, FDPs at our College and encouraging them to attend all of these in other colleges of the university.

The College provides financial support to Teachers for attending the FDPs, Workshops & Seminars as per the recommendations of IQAC.

The College provides support like OD leaves and other leaves for completing the PG & Ph.D. of Teaching Staff.

Regular targets are set for arrangement of Extra Curricular, Co curricular activities, NSS activities, Sports & Cultural activities.

Equipment Maintenance: IQAC has set goal for improvements in the Maintenance activities to be carried out in college.

Focus on improvements in Hostel Facilities to the students.

File Description	Documents
Paste link for additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=361
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Institute IQAC plays an important role in reviewing the teaching learning process and focuses on effective implementation of Outcome-Based Education (OBE) for all the programs.

The institute has defined Programme Outcomes (POs) based on 12 Graduate Attributes (GAs) as suggested by NAAC.

With the revision in curriculum by affiliating university (SPPU) Course Outcomes (COs) are defined for each course.

Appropriate teaching methodologies and assessment tools are planned and implemented for effective student centric learning.

IQAC has well defined policy and process to define set attainment levels for COs and POs.

At the end of academic year IQAC conducts the academic audit, reviews as well as records the attainment levels and suggests various activities for incremental improvement.

File Description	Documents
Paste link for additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=363
Upload any additional information	No File Uploaded

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for

D. Any 1 of the above

**improvements Collaborative quality initiatives with other institution(s)
Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

File Description	Documents
Paste web link of Annual reports of Institution	http://www.pdeacoem.org/downloadpublicdocument?hdid=363
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Many workshops and seminars on Gender Equity, Gender Sensitization were conducted in college level and Departmental level.

Following Specific facilities provided for women by college like:

- a. **Safety and security:** PDEA BuddyCop group is formed, in which phone number of Local Police authorities is provided.
- b. **Counseling:** Women's Grievance and Redressal committee is formed under the Senior Ladies Staff of the College.
- c. **Common rooms:** On every floor Common Room for Ladies students is provided.

File Description	Documents
Annual gender sensitization action plan	https://pdeacoem.org/downloadpublicdocument?hdid=350
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://pdeacoem.org/downloadpublicdocument?hdid=354

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

C. Any 2 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Degradable and non-degradable waste: The College facilitates several methods for the management of degradable and non-degradable waste. The main focus being on the three R's - "Reduce, Recycle, Reuse" and incorporating "No Plastic Zone".

In the college premise different places are identified for dustbins to be fixed for dry and wet waste disposal, the waste material is sent for recycle and manure conversion.

Hazardous chemicals like concentrated acids and bases of Department of Chemistry, are segregated in different containers and disposed off collectively at a central place.

E-waste management: Collection of E-waste is done by authorized E-waste collection Vendor. For old CDs, College has CD crusher made by Mechanical students.

Radioactive waste management: Not generated in college campus

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

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus **B. Any 3 of the above**

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

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: **A. Any 4 or All of the above**

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

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the **B. Any 3 of the above**

following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms.

B. Any 3 of the above

Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment

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

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

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

Institute is undertaking various initiatives in the form of

celebration of days of eminent personalities, National Festivals, Annual Cultural Event, Annual Sports Event and other such activities to provide for an inclusive environment by bringing students and teachers with diverse background on single platform for creating inclusive environment. These events help in developing tolerance towards cultural, regional and linguistic, communal socioeconomic harmony and other diversities. The national festivals like Republic Day and Independence Day etc. are celebrated every year in our Campus.

Every year NSS is conducting Special Camps in villages. These camps are hosted for various social issues impacting the lives of the people in the rural community for development of social and cultural values among the young student volunteers.

To promote the linguistic harmony, NSS has celebrated 'Marathi bhasha Sanvardhan Pandharwada' to promote awareness of Marathi language.

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

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

The college establishes policies that reflect core values of Constitution. Code of conduct is prepared for students and staff and everyone is expected to follow it. The affiliating University curriculum is framed with mandatory Audit courses on Professional ethics and human values as a small step to inculcate constitutional awareness among the students.

Major Initiatives

- The NSS unit is started exclusively to encourage the students for social and ethical values and it is successfully conducting activities to serve the society.
- Beti Bachao, Beti Padhao Abhiyan
- Blood Donation Camp

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

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

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

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

The college is celebrating events and festivals as an integral part of learning and building a strong cultural belief in students. The College celebrates the national and international days, events and festivals throughout the year. In academic year 2020-21, we have celebrated the events like International Yoga Day, International Women's Day, Independence Day, Republic Day, Birth Anniversaries of Chatrapati Shivaji Maharaj, Dr. Sarvapalli Radhakhishnan(Engineer's Day), Mahatma Gandhi, and Swami Vivekananda, Marathi Bhasha Diwas, etc.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

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

I. Best Practice I

1. Title of the Practice: ROBOCLUB-Robotics Students Club.
2. Objectives of the Practice: To encourage and support practical implementations of robotics curricula in schools.
3. The Context: Technology is present everywhere, except in schools. Technologies in schools today do not support the 21st-century learning skills.
4. The Practice: PDEA's College of Engineering has established Robotics students club.
5. Evidence of Success : PDEA's College of Engineering had successfully trained 5 schools and our students have helped them to make innovative projects.
6. Link for the projects : <https://youtu.be/XNsUwV4XSZI>.

II. BEST PRACTICE NO. 2

1. Title of the Practice: Entrepreneurship Development Centre (ED Centre)
2. Goal: To identify and motivate budding entrepreneurs
3. Context : It facilitates the ideas and implementations of youth and allows them to transform these ideas into commercial venture by providing the necessary resources to execute their well-thought out plans.
4. The Practice: • To organize Entrepreneurship Awareness Camps, Entrepreneurship Development Programs and Faculty Development Programs in the region.
5. Evidence of Success: Institute has achieved its target as our alumni are having their own business and doing well for self as well as for the society.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

P.D.E.A. is a parent institute and backbone of our College with a sole aim of educating even in the rural families of Pune District and to create the bright future generation. Founder member Shri. Baburaoji Gholap started P.D.E.A. on 7th September 1941 with the Motto of "Benefit and Happiness of the Society".

We are proud to mention that PDEA has received the prestigious, "Best Educational Institute Award" from the Government of Maharashtra for the remarkable achievement in the field of education and social work, on 5th September 2000.

The Association runs different branches like Pre-Primary Schools (Marathi and English Medium)-11, Primary Schools-12, Secondary Schools-61, Higher Secondary Schools-31, Vocational Courses-25, Senior Colleges (Multi Facility) - 08, Ayurved College and Research Center - 01, Pharmacy Colleges -02, Management Institutes - 03, Polytechnic Institutes - 01, Engineering College - 01, Law College - 01 and D. Ed College - 01.

Our Institute share close proximity with lush green nature,so it provides calmness and peace. The institute has the vision to uplift common masses by rendering value added education. To achieve this institute is continuously working towards creating engineers receptive to the changing demands of the global market

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

1. Planning:

(i) Academic calendar and subject allotment:

PDEA's College of Engineering, Manjari, bk, Pune is affiliated with Savitribai Phule Pune University, Pune, and follows the curriculum prescribed by the University. The Academic monitoring committee is responsible for maintaining the standards of instructions required to empower the students with knowledge and make them competitive for challenging environment. The members of the academic committee discuss their action plans with the principal to arrive at an optimal and effective way for curriculum delivery. At the commencement of every academic semester, an academic calendar gets circulated as per the SPPU schedule. Subject allocation is done based on faculty competency and experience. Faculty prepares the Course file, as per the content of the index decided by the committee.

(ii) Preparation of Course Delivery File:

Every subject teacher prepares the subject course file. It includes vision, mission of the institute/department, PEOs, POs, PEOs, COs, syllabus, individual/class time table teaching plan, assignments, tutorial/practical plan, Question bank as per Bloom's Taxonomy, mappings of COs & POs, Previous Year Question Papers, List of Text & Reference

Books, e-content, handwritten notes and the Laboratory Manual of the respective practical subjects including the details of all experiments.

(iii) Academic Preview Process:

The Academic preview process is conducted at the beginning of each semester for academic planning, constructive feedback and continuous improvement. The Principal as well as HOD verifies and validates the academic preparation (including previous

University exam paper solution, Assignments, Internal Assessment (IA) question papers) as per the standard preview format and suggestions are given, if required. The staff is constantly encouraged to attend faculty development Programme, workshops and seminars to update their knowledge.

2. Curriculum Delivery:

An active plan is formulated by the institution to ensure effective delivery of Curriculum through Lectures and Lab Sessions. Due to COVID-19, the Institution has shifted to various online learning platforms like Google meet, zoom, and Moodle, etc. As per AICTE induction program guidelines, students are familiarized by the departments about syllabus contents, teaching pedagogy, Institutional clubs and soft skills to make them good human beings and help nature and society. To achieve the maximum outcome of curriculum delivery, students are given exposure to the content through various activities like technical clubs, Project competition, and expert talks by eminent speakers for their career guidance, placements, and Industry trends.

3. Monitoring implementation of Curriculum delivery:

To ensure effective distribution of the curriculum through lectures and practical sessions, a weekly reports of the lectures conducted are kept and forwarded to the concerned academic monitoring committee for corrective action.

4. Monitoring effectiveness of student learning:

The institute conducts mock internal examinations for monitoring students' performance. Continuous evaluation is maintained by internal assessment tools after completion of every unit. Advanced learners and slow learners are identified and necessary actions are initiated. Students are encouraged to publish their project work in Conferences / Journals. Teacher-Guardian scheme keeps the track of the average attendance of the students and communicate with their parents in parents meeting.

5. Feedback and Takeaways:

Feedback from Students, Employers, and Alumni are taken based on predefined parameters. Further, faculty-wise student feedback is reviewed and corrective measures are taken to

enforce necessary changes by the HODs and Principal. After the end semester examination, university results are declared; analyzed and corrective measures are taken accordingly. Academic Review Process is carried out at the semester end to verify implementation of course file.

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

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

The process of preparing the academic calendar and its adherence is mentioned below:

A tentative academic calendar for the institute is prepared following the calendar of university. Generally, the calendar is prepared semester-wise. The holidays (Govt./University) are mentioned in the calendar. Any required changes/ reforms are included in the calendar for the present semester. The continuous assessments to be conducted are mentioned in the calendar following the guidelines and timeline provided by the university. The Academic calendar is prepared in the meeting of all the Heads of Departments and IQAC members. It is made available for all the stake holders.

The academic calendar contains the following:

1. Commencement of Teaching Learning Process
2. It includes specific dates for conduction of Continuous Evaluations - Internal assessment tests for theory subjects and for Practical, as prescribed by the University.
3. End-semester examinations (Practical & Theory) for University assessments.
4. Cultural events, Holidays and Semester-break.

Meeting with parents is planned, where they are briefed about the progress of their wards, added infrastructure and facilities of the college.

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

<p>1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University</p>	<p>B. Any 3 of the above</p>
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File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

5

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

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

00

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

00

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

00

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The curriculum of UG programs includes courses to encourage professional ethics and Human Values in students. All the programs offered in the institute have courses in their curriculum which integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human values and Professional Ethics. These cross cutting issues are integrated into mandatory and Humanities Elective courses in the under graduate programs. The Audit courses in the curriculum which address these cross cutting issues through 'Induction Program', 'Professional Ethics & Human Values', 'Technology and Society' in the various programs. The curriculum includes different courses that address the Environment and its related issues.

In addition to enriching the curriculum by integrating cross cutting issues, the institute organizes various awareness programs and events by the NSS unit to alert the students about Human values, Ethics, Environment and Gender awareness. The institute provides equal opportunities to boys and girls in all types of student activities organized. Awareness programs and events are organized on national and international days such as World Health Day, Teachers day, Engineers day, Republic day, Independence day, Yoga day and Sports day etc.

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

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

6

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

223

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
Students Teachers Employers Alumni**

A. All of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

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

B. Feedback collected, analyzed and action has been taken

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

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

420

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

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

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

98

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Students securing marks below 40% in university examination are identified as Slow Learners and the student securing marks above 70 % are identified as Advanced Learners.

Advanced Learner: We organize Expert Lectures to bridge the gap between curriculum and industry for advanced learner student. Due to pandemic scenario we motivate students to find their area of interest. We allow students to take part in live project under sponsored project category to enhance their ability. We encourage them to take part in different Project competitions as well as in research paper presentation at appropriate level.

Slow Learners: We assign mentor for each student. Student shares their problems with respective mentor and mentor try to solve them. We provide special assistance from teachers. We motivate the students to attend expert lectures, NPTEL lectures which are conducted from various IIT faculties to understand basic concepts. We conduct MOCK examinations. We organize remedial classes for those students who still need to improve

in some areas.

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

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

Number of Students	Number of Teachers
840	51

File Description	Documents
Any additional information	No File Uploaded

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Institute faculties are shifting their focus over last few years to the student centric learning process. Instead of conventional teaching-learning process, the institute provides a platform to students to explore independently as well as in a group to learn and to get an experience through self-study like assignments, case studies, mini projects and lab assignments etc.

The above teaching and learning methodologies are used to motivate students for better understanding, increased depth and developing independent work attitude.

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

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

The Institute follows ICT enabled teaching in addition to the traditional classroom education. All 51 teachers of the

institute are using ICT tools and resources available. There are 10 ICT enabled classrooms, 12 projectors, 2 audio systems, one language lab are available in the institute. Also institute provides one Smart classroom, one Virtual classroom and one Remote centre. Desktop, laptops and printers are arranged in different classrooms/labs and faculty rooms, HOD Cabins and all prominent places all over the campus.

Online Classes are conducted with the help of digital platforms like Zoom, Google Meet, Microsoft Team etc. Google Classroom is extensively used to upload the material required for smooth learning.

The institute has a section for e-resources: MOODLE, where teachers upload study material of their respective subjects. Digital Library resources (DEL NET) are also available in the institute online.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	http://www.pdeacoem.org/downloadpublicdocument?hdid=302

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

2.3.3.1 - Number of mentors

50

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	No File Uploaded
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	No File Uploaded

2.4 - Teacher Profile and Quality

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

51

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

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

02

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

16

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and

mode. Write description within 200 words.

The Institute is accountable to the stakeholders - students, faculty, parents and alumni. The evaluation processes are brought to the notice of the students and faculty through the following:

- The evaluation parameters and methodology is finalized in the faculty meeting. Suggestions from the faculties are incorporated in finalizing the policies.
- The suggestions of alumina taken in alumni meeting are also considered while deciding the strategies. The policies are revised in every semester in general meeting.
- The Institute makes aware to the admitted students and parent about the evaluation process through the Induction Program conducted at start of college at the Institute level.
- The Institute notifies the students and parent regarding schedule and structure of internal and SPPU's evaluation system at the commencement of the academic year.
- The term work marks are given on different parameters like ...

(i) Attendance of student (ii) Internal examination performance (iii) Continuous assessment and (iv) Mock practical /oral examination.

- Students' performance is assessed by assessment / submission for practices and Mock examination for Theory subjects.

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

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

The institution implements all the redressal of examination related grievances as prescribed by the SPPU. The student can approach the Teachers, Departmental Examination Coordinator,

College Examination Officer and Principal to redress the examination related grievance as per the requirement

and jurisdiction of the grievance.

Departmental Level: The continuous evaluation of students is carried out by faculty regarding theory assignments, labs assignments, and mock examinations. The marks are allotted based on defined strategies. The student will discuss their queries with faculty and departmental examination coordinator.

College Level: As per SPPU directives, the institute has appointed a senior and experienced faculty member as College Examination Officer (CEO). The Examination Committee is structured with the Principal as a Chairman assisted by CEO and faculty members from each department.

The grievances during the conduction of online theory examinations are considered and discussed in consultation with the Principal by CEO and if necessary forwarded to the university examination section.

University level: The queries related to results, corrections in mark sheets, other certificates issued by university are handled by examination section after forwarding such queries through the college examination section. Students are allowed to apply for reevaluation by paying necessary processing fee to the university if they are not satisfied with evaluation.

File Description	Documents
Any additional information	View File
Link for additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=304

2.6 - Student Performance and Learning Outcomes

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

Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students. The department has clearly defined Programme Educational Objectives (PEOs), Programme Specific Outcomes (PSOs) and

Course Outcomes (COs). They have been articulated by taking inputs and suggestions from every stake holder.

Programme Educational Objectives (PEOs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) are clearly stated and uploaded on the website and discussed in the classrooms. COs are also available in the Course file maintained by the faculty members. The PEOs and PSOs are aligned with institute vision and mission statement.

The institute is affiliated to Savitribai Phule Pune University. The curriculum is design by the university and is used to guide the process for defining PEOs.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	View File

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

The course coordinator defines the policy for attainment of each CO through theory assignments, tests, mini-project, lab assignments and activities to be performed by students. All questions of internal assessments are mapped with COs. Being affiliated institute 60% weightage is for external tests and 40% for internal test. The performance of students in projects, lab work and student's activities are mapped with COs. Through direct tools like assignments, test, projects, performance rubric, the attainment of COs is evaluated at end of the semester. Through mapped COs, the attainment of POs/PSOs is evaluated. For getting overall attainment of POs/PSOs, the weightage for attainment through internal evaluation is 50%, weightage for attainment through student's activity is 40% and that for indirect tools is 10%. The various assessment process resulting in attainments is evaluated by course coordinator and conveyed to the students.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=332

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

241

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

<http://pdeacoem.org/downloadpublicdocument?hdid=374>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

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

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

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

0

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

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

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

16

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

3.2 - Research Publications and Awards	
3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year	
3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year	
17	
File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File
3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year	
3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year	
7	
File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File
3.3 - Extension Activities	
3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year	
<p>The institution has established NSS unit since 2009, which organizes various extension activities to address the societal issues and sensitizes our students towards them. Our institute is very insightful to the impact of various extension activities on its students, employees, as well as on the regional community and on the environment. The institute believes in giving back what it has gained from the communities in which we live, work and play. Social activities include Blood Donation Camp, Swachha Bharat Abhiyan, Cashless Economy Workshop, Green Campus, Tree Plantation and Road Safety Awareness Program, Voter Awareness Camp through NSS cell.</p>	

Students have made and distributed mask during pandemic as a social responsibility. Students also made posters to create health awareness among peoples. Activities like Earn and Learn scheme, skill development trainings are organized. Every Student association has a faculty in charge for smooth and effective working. Various student chapters under various professional bodies like CESA, MESA, EESA, ITSA, and INSA platforms were formed for the students at departmental level. Students actively participate and organise various events through these chapters as per departmental needs and requirements for overall development of students with social activities and create social awareness and responsibilities among the students.

File Description	Documents
Paste link for additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=336
Upload any additional information	View File

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

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

0

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

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

6

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

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

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

307

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

3.4 - Collaboration

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

46

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

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

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

5

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

PDEA'S College of Engineering follows all the norms of AICTE, DTE and Savitribai Phule Pune University for establishing, maintaining and up-grading its infrastructure for teaching learning process. The campus is surrounded with Greenery along with large playground. The college has facility of IT resources, internet, hostel, canteen, power backup and library resources, etc. The College has well equipped laboratories, well ventilated ICT enabled classrooms, tutorial rooms, seminar hall and staff rooms. Modern teaching and Learning methodologies have been adopted for effective and problem based learning.

The college has ample number of well-maintained classrooms in each department. There is a library in every department which has several numbers of books along with Central Main Library. There are seminar halls for conducting seminars and workshops for faculty members and students which are equipped with LCD projectors, white board, public addressing system as well as internet connectivity, smart board and multimedia facilities. The Central Library is furnished with various number of reference books for different areas and fields, as well as with

online and offline resources, national and international journals, magazines and newspapers, etc. The library has ample space for different sections. The institute has well equipped workshop.

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

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

The college encourages the students to actively participate in sports activities as well as cultural activities. Students participate in sports conducted at inter college level, University level and state level.

A playground has facilities for various outdoor games like cricket, football, kabaddi, Volley ball and badminton etc. Similarly, the institute also has the provision for indoor games such as chess, carrom and table tennis.

The gymnasium is also available in the college and equipped with body building and fitness equipments like multistation, free weight, bench etc.

For bringing out the hidden talent of the students and for the exposure of their interpersonal skills, team spirit and management, the students are encouraged to participate in cultural activities at college level and university level. The students are encouraged to participate in Purushottam Karandak and Firodiya Karandak. The college facilitates the students to celebrate Teachers day, Engineers day. During this pandemic, cultural committee has arranged inter departmental events like Poster making competition on any social issue , Dancing, Singing, Acting has been conducted online.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=324

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

02

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

10

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=325
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

15

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

Library Management System:

The library is the knowledge resource centre of the college and is partially computerized through Integrated Library Management System with the help of Tech Divinity Digital education system, ERP software version number techd-v 2018.8.11. The LMS has modules Viz. Library Category Master, Item Management, Subscription Management, Library Membership, Issue Item, Return Item, News Paper entry etc. This software provides facility to create, view and print records of accession register, bill report, and membership reports etc. The software has facility to generate identity card for students and staff.

Issue and return of books is done manually as well as through Barcode system.

The collection has knowledge books such as Dictionaries, Britannica Encyclopedia, India Year book, Manorama Year book. 654 CDs on different subjects like e-books and e-journals are available for students and staff. The central library has a membership of Jaykar Library, Savitribai Phule Pune University, Pune.

Library information is available on college website which provides different services for user such as SPPU Syllabus, Shodhganga, Jaykar Library, British Library, Open Access Journals (DOAJ), National Digital Library.

Library Computer Facility: In the Library 10 computers with internet facilities are available for accessing e-journals & other e-contents.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://www.pdeacoem.org/downloadpublicdocument?hdid=317

4.2.2 - The institution has subscription for the following e-resources e-journals e-

B. Any 3 of the above

ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

0.30

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

25

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

In our college, laboratories are enabled with LAN facility with bandwidth of 40 Mbps leased line from BSNL service provider and there is also a secondary backup of 10 Mbps from Reliance Jio. Wi-Fi connection has also been enabled. There are some classrooms which are equipped with Wi-Fi connection and LAN facility. Wi-Fi and LAN facilities keeps on upgrading according to the norms of AICTE.

For online learning Teachers and students can use NPTEL links. According to the requirement/recommendation from department, upgradations in infrastructure are being processed-

- Outdated computer systems are either upgraded or replaced time to time for better utilization of each resource.
- Developed e-learning facilities in all classrooms which will help to enhance the knowledge of students.
- All software and hardware are updated according to the curriculum requirements.
- Digital library, e-journals, internet and Wi-Fi facilities, CCTV are upgraded time to time.
- Faculty and students are encouraged to use open source software.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=327

4.3.2 - Number of Computers

320

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

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

20.8

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The College has well-defined policy and system to monitor, control and direct maintenance and utilization of facilities time to time.

Funds are allocated for systematic maintenance of required facilities. The college reviews the budgetary requirements for building, furniture, laboratory equipment and computer systems etc before the commencement of academic session and its allocation is also furnished for academic requirements.

Maintenance of other support systems:

The College has appointed personnel for maintenance of infrastructure and supervision. Housekeeping staff has been

appointed for regular cleaning of corridors, washrooms, classrooms, laboratories, hostels and the college premises.

Classroom management:

Classroom is the most primary work space, which needs to be managed with proper systems and procedures as recommended by the Management and the University. It is followed keeping in mind the modern teaching learning environment. The classrooms, seminar halls and staff room are provided with enough seating capacity and LCD software. They are maintained on regular basis.

Water Coolers- The maintenance of water coolers is carried out by _____. Clean and hygienic drinking water is available in campus. Overhead water tanks are cleaned periodically.

An electrician has been appointed for repair and maintenance of electrical works. Facilities in laboratories such as water taps and electrical fixtures are monitored by the respective laboratory technical staff.

Generator facility: The campus has power backup facilities and generator which are monitored on regular basis.

Dry and wet cleaning: They are performed to class rooms, seminar halls, laboratories, staffrooms, office, library, corridors and wash rooms on daily basis by housekeeping staff.

Hostel: Hostel committee regularly monitors maintenance and cleanliness of facilities in hostel performed by housekeeping staff and supervised by warden.

Facilities like first aid kits have been provided in all departments for emergency use.

Maintenance of library facilities:

The books and journals are maintained against mutilate. Binding of books is being done for teared books against further damage. Stock verification is done as a part of regular monitoring and control. The College has constituted Library Committee for effective accessibility of learning resources to students and faculty.

The Library Committee is involved in the following activities.

Procurement of new books and renewal of journals. To frame and implement the rules and strategies for issuing of books and journals. To execute guidelines for optimum utilization of resources and better services. To maintain and update all library records. To update and upgrade the library periodically as per updates in curriculum. According to the feedback and requirement of faculty members demand for new titles from various vendors is being procured.

Maintenance of computing facilities:

The maintenance of computing facility is carried out by the system administrator and the technical assistants of the respective departments. The computers and ICT tools are monitored and maintained on regular basis by respective technical assistants. The software updates and internet related problems are resolved by respective service providers.

Maintenance of computers (Hardware and Software), updating software related to administrative and overall maintenance of campus infrastructure. Annual maintenance contracts for computers, copier machines, software, CCTV, Fire extinguisher, garden, security are in place. Policy is developed to maintain a balanced student and computer ratio, so that all students will be benefited for academic purposes.

Maintenance of extracurricular facilities: Common amenities such as sanitation, plantation, indoor and outdoor game facilities, yoga centre and gymnasium are maintained on regular basis.

Canteen: The canteen maintenance committee takes care of quality of food and other related issues.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=328

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year	
5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year	
625	
File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File
5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year	
5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year	
02	
File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File
5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	B. 3 of the above

File Description	Documents
Link to institutional website	http://www.pdeacoem.org/downloadpublicdocument?hdid=341
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

235

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

235

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

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

B. Any 3 of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

37

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

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

03

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

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

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

government examinations) during the year

1

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

5.3 - Student Participation and Activities

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

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

4

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

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

Students Council is established every year as per SPPU guidelines. The student's council consists of SDO, senior faculty member, Physical Director, NSS program officer, Class Representatives (CRs/LRs) from all classes. All these members are selected/elected as per the guidelines given by SPPU from time to time.

The Activities of student council:

- Organizes various activities and events in the college

such as academics, co-curricular, cultural and extra-curricular.

- Motivational activities for the students to participate in college activities.
- Organisation of national or university level technical symposium like FUTURIZM.
- Motivate students to participate in Technical and Co-curricular activities.
- Celebration of National days, Teachers Day and Engineers Day.
- The organisation of blood donation camps, tree plantations and voter's awareness programs.

Role in Academic and Administrative Bodies: Students are also involved in academic as well as administrative bodies for decision making for the betterment of students. viz. departmental associations and various clubs. There is some funding from SPPU for the conduction of activities.

File Description	Documents
Paste link for additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=349
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

04

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Contribution of Alumni Association to the Institution

- To act as a bridge between college and the industries for interaction of latest developments.
- To encourage the students from the department by awarding prizes to meritorious students showing bright performance in the field of education, sports and cultural activities.
- To enrich the central library by donating old and new books in the field of engineering and technology.
- To organize programs on personality development, interview technique and leadership development, education in health science, yoga, literature, sports etc.
- Alumni Association helps to enhance core values of excellence, lifelong relationships, lifelong learning, inclusiveness, diversity and global citizenship.
- Support a strong relationship between the Alumni and current students.

Recognize fellow alumni who are distinguished by their loyalty, professional achievement and community service.

- Assist current students and alumni in career planning, placement and transitions;
- Encourage the students for qualifications and diverse perspectives.
- Alumni are great models for current students and offer practical support to students as they start their careers.

To extend every possible help to the college authorities for the overall progress of the institution.

File Description	Documents
Paste link for additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=346
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	D. 1 Lakhs - 3Lakhs
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File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The Pune District Education Association, Pune, Maharashtra was established in 1942. The society has initiated an institution by name " P.D.E.A's College of Engineering" in 1998 to provide quality technical education to students from both rural and urban areas.

Governance:

The governance of P.D.E.A's College of Engineering is planned by keeping in view of the mentioned vision and mission. The institution strives to achieve its vision by working through its mission with key factors such as good governance, quality academic processes, and infrastructure.

The institution has an Academic Council, chaired by the Principal and heads of all the departments. It provides expert advice in formulating academic policies, regulations, goals and objectives to promote career opportunities for the students.

Internal Quality Assurance Cell (IQAC) has been established as per the guidelines with a view to promote over all qualitystandards.

Perspective Plan:The perspective plan for the next five years includes continuing the status of accreditations, Centre of excellence, consultancy and placements.

Participation of the staff members : The faculties and other staff members are involved in various decision making bodies like College Development Committee, Governing council and various portfoliosetc. of the institution.

File Description	Documents
Paste link for additional information	http://www.pdeacoem.org/visionmission.jsp
Upload any additional information	No File Uploaded

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

:

The management is highly committed and dedicated to the service of catering to the contemporary requirements to impart quality education. The management gives freedom to the Principal to fulfill the vision and mission of the college. The management provides the required infrastructure for the proper functioning of the institution. The responsibilities of each faculty member are communicated through Principal and HODs in regular staff meetings. The Management, Principal and faculty of the college are committed towards strategic work, its implementation and maintain documentation, and extend further efforts to continue the effectiveness of the plans through a Quality Management System. Management is committed to ensure conformity and compliance with standards. The institution follows decentralization and participative management which promotes quality in education system.

Preparation of the next academic year with Working days and mock exams, Department activities, Guest Lectures, Industrial Visits, Internships, Placement Training, FDPs / Workshops / Conferences, and celebrations.

The HOD's submits the final schedule to Principal for approval. All committees follow the same. Nearly 90% of the events as per schedule are conducted every year.

File Description	Documents
Paste link for additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=356
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Institution has designed the strategic / perspective plan and it is developed, driven, deployed and reviewed through IQAC. The different quality parameters given in strategic / perspective plan are effectively implemented and reviewed by all stakeholders in line with vision and mission of the institute. There is a special emphasis on Outcome Based Education (OBE) and Experiential Learning. The IQAC takes into account the vision and mission and several other aspects of the institution and formulates processes to ensure quality outcomes.

The prominent resources that the institution currently has

- Well qualified and experienced faculty members
- Central Library
- Good infrastructure facilities with well-equipped laboratories and computer center.

Perspective Plan for the development of college:

- Strengthen industry-institute interaction.
- Improvement of consultancy services.
- Establishment of new innovation and incubation centers.
- Centre of Excellence.
- Creating an intense research ambiance in terms of establishing recognized R&D centers in all the departments.

The following major deployments have been taken place after the accreditation

- Standardizing the OBE based teaching-learning processes
- Strengthen the alumni association.
- Recognized as NPTEL Local Chapter.
- Adoption of Choice Based Credit System (CBCS) in curriculum

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	collegecircul ars.unipune.ac.in/sites/documents/Syllabus2020/SE_Computer_Engg._2019_course_28.06.2021.pdf
Upload any additional information	View File

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

The institute has an efficient governance structure.

The members of Management take keen interest in the development of the Institute. Their association with the Institute through CDC, IQAC, Purchase Committee, Academic and other committees has always proved to be supportive. The day to day administration is seen by the Principal, and Heads of Departments.

Service rules, policies and procedures:

The acts and rules are adopted as guidelines for procedures, recruitment, promotional policies, code of conduct issued from time to time by the regulatory bodies like AICTE, DTE Maharashtra state, Savitribai Phule Pune University from inception. All other applicable state/central government rules and Bye-laws of Pune District Education Association are duly considered. The Institute has clearly defined policies for all administrative and academic processes. These are approved by the parent body. All processes are adhered to and implemented with a high degree of transparency. The Institute communicates its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders through Institute website www.pdeacoem.org, admission brochure, Institute/departmental photos, Induction and orientation programs, alumni and parents, placement brochure, newsletters and Institute Magazine and so on.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	Nil
Upload any additional information	View File

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

The institution has effective welfare measures for its employees and it provides a caring and supportive working environment for them. Some of the welfare measures for teaching and non-teaching staff are listed below-

Welfare schemes for

Teaching

Non-teaching

- Maternity leave for female staff is provided as per the prescribed norms.

- CL & ML are also provided as per the prescribed norms.

- On Duty leaves for attending conferences / seminars / research activities and examination works assigned by the SPPU and industrial training.
- Vacation leave is provided as per the period prescribed in the SPPU Academic Calendar.
- Provident Fund to all the approved staff.
- Appreciation/Reward for remarkable work/outstanding contribution/Ph.D. Completion.
- Permission is given to the staff for higher education.
- Financial support is provided to staff for conferences / Research work / STTP / FDP / Workshop / Seminar, etc.
- Maternity leave for female staff is provided as per the prescribed norms.
- CL & ML are also provided as per the prescribed norms.
- Vacation leave is provided as per the period prescribed in the SPPU Academic Calendar.
- Provident Fund to all the permanent Nonteaching staff members.

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

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

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

6

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

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

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

10

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

103

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

A performance appraisal system for faculties is set-up, well integrated with institutional functioning. All regular teaching and non-teaching staff of the Institute are evaluated every year..

Performance Appraisal is based on :

For Teaching Staff :

- 1) Teaching- Learning evaluation.
- 2) Co-curricular and professional development activities.
- 3) Administrative and extracurricular development contribution.
- 4) Research, consultancy and development contribution.

All non-teaching staff is also assessed through annual performance appraisal.

For Non-teaching staff :

- 1) TEACHING, LEARNING & EVALUATION RELATED ACTIVITIES.
- 2) CO-CURRICULAR & EXTRA CURRICULAR & PROFESSION DEVELOPMENT RELATED ACTIVITIES.
- 3) RESEARCH,CONSULLARY & DEVELOPMENT CONTRIBUTIONS.

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institute has a well-defined mechanism for internal and external audit. The internal financial audit of the institution is an ongoing continuous process. In addition to these external auditors also verify and certify the entire Income, Expenditure and the Capital Expenditure of the Institute every year. Internal Auditors have been appointed at Head Office Level and a team of staff under them to do a thorough check and verification of all financial details that are carried out in each financial year. Likewise, an external audit is also carried out in an elaborate way every year by external statutory Auditors as per the standard norms of Audit and Government regulations. The institute regularly follows Internal & external financial audit system.

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

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0.5

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

Institute maintains and follows a well-defined process for the mobilization of funds and resources through various committees. Institute has designed well framed policy / Annual budget for the fundand resource utilization. Tuition fee of students is the major source of income for the institute. Sponsorship funds are also sought from various government and non-government agencies for events like seminar/workshops etc.

Utilization of Funds

- The optimum utilization of funds for various recurring and non-recurring expenses is monitored by all concerned.
- The purchase committee seeks quotations from vendors for the purchase of equipment, computers, books, etc. and scrutinized the same before a final decision is made based on different parameters.
- The Principal and committee members ensure that the expenditure lies within the allotted budget.

Resource Mobilization Policy and Procedure

- At the commencement of financial year, institutional budget is prepared which includes recurring expenses such as salary, electricity and internet charges, stationary along with planned expenses such as lab equipment purchases, furniture etc.
- The budget is scrutinized and approved by the College Development Committee (CDC).
- Statutory auditors are also appointed for certification of the financial statements every year.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The contribution of IQAC is very positive since its formation in the year 2016-17. The IQAC has very well defined the standard process to be carried out across the Institute for continuous improvements in the goals set by the IQAC. IQAC regularly reviews the performance in all the sectors by the following methodology:

By conducting Regular IQAC - Meetings throughout the year

Course Coverage is checked in regular intervals

Reviews are taken about the proposals submitted by the Faculties for Sponsored Projects

Regular reviews are taken about the targets set for the Industry linkage for consultancy projects, MoUs, Internship opportunities etc.

Reviews are taken about the Qualification Improvement efforts taken by the Teaching staff members by arranging the Workshops, seminars, FDPs at our College and encouraging them to attend all of these in other colleges of the university.

The College provides financial support to Teachers for attending the FDPs, Workshops & Seminars as per the recommendations of IQAC.

The College provides support like OD leaves and other leaves for completing the PG & Ph.D. of Teaching Staff.

Regular targets are set for arrangement of Extra Curricular, Co curricular activities, NSS activities, Sports & Cultural activities.

Equipment Maintenance: IQAC has set goal for improvements in the Maintenance activities to be carried out in college.

Focus on improvements in Hostel Facilities to the students.

File Description	Documents
Paste link for additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=361
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Institute IQAC plays an important role in reviewing the teaching learning process and focuses on effective implementation of Outcome-Based Education (OBE) for all the programs.

The institute has defined Programme Outcomes (POs) based on 12 Graduate Attributes (GAs) as suggested by NAAC.

With the revision in curriculum by affiliating university (SPPU) Course Outcomes (COs) are defined for each course.

Appropriate teaching methodologies and assessment tools are planned and implemented for effective student centric learning.

IQAC has well defined policy and process to define set attainment levels for COs and POs.

At the end of academic year IQAC conducts the academic audit, reviews as well as records the attainment levels and suggests various activities for incremental improvement.

File Description	Documents
Paste link for additional information	http://www.pdeacoem.org/downloadpublicdocument?hdid=363
Upload any additional information	No File Uploaded

<p>6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)</p>	<p>D. Any 1 of the above</p>
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File Description	Documents
Paste web link of Annual reports of Institution	http://www.pdeacoem.org/downloadpublicdocument?hdid=363
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Many workshops and seminars on Gender Equity, Gender Sensitization were conducted in college level and Departmental level.

Following Specific facilities provided for women by college like:

a. Safety and security: PDEA BuddyCop group is formed, in which phone number of Local Police authorities is provided.

b. Counseling: Women's Grievance and Redressal committee is formed under the Senior Ladies Staff of the College.

c. Common rooms: On every floor Common Room for Ladies students is provided.

File Description	Documents
Annual gender sensitization action plan	https://pdeacoem.org/downloadpublicdocument?hdid=350
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://pdeacoem.org/downloadpublicdocument?hdid=354

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

C. Any 2 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Degradable and non-degradable waste: The College facilitates several methods for the management of degradable and non-degradable waste. The main focus being on the three R's - "Reduce, Recycle, Reuse" and incorporating "No Plastic Zone".

In the college premise different places are identified for dustbins to be fixed for dry and wet waste disposal, the waste material is sent for recycle and manure conversion.

Hazardous chemicals like concentrated acids and bases of Department of Chemistry, are segregated in different containers and disposed off collectively at a central place.

E-waste management: Collection of E-waste is done by authorized E-waste collection Vendor. For old CDs, College has CD crusher made by Mechanical students.

Radioactive waste management: Not generated in college campus

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

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

B. Any 3 of the above

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

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

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

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	B. Any 3 of the above
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	B. Any 3 of the above
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

Institute is undertaking various initiatives in the form of celebration of days of eminent personalities, National Festivals, Annual Cultural Event, Annual Sports Event and other such activities to provide for an inclusive environment by bringing students and teachers with diverse background on single platform for creating inclusive environment. These events help in developing tolerance towards cultural, regional and linguistic, communal socioeconomic harmony and other diversities. The national festivals like Republic Day and Independence Day etc. are celebrated every year in our Campus.

Every year NSS is conducting Special Camps in villages. These camps are hosted for various social issues impacting the lives of the people in the rural community for development of social and cultural values among the young student volunteers.

To promote the linguistic harmony, NSS has celebrated 'Marathi bhasha Sanvardhan Pandharwada' to promote awareness of Marathi language.

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

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

The college establishes policies that reflect core values of Constitution. Code of conduct is prepared for students and staff and everyone is expected to follow it. The affiliating University curriculum is framed with mandatory Audit courses on Professional ethics and human values as a small step to inculcate constitutional awareness among the students.

Major Initiatives

- The NSS unit is started exclusively to encourage the students for social and ethical values and it is successfully conducting

activities to serve the society.

- **Beti Bachao, Beti Padhao Abhiyan**
- **Blood Donation Camp**

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

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

C. Any 2 of the above

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

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

The college is celebrating events and festivals as an integral part of learning and building a strong cultural belief in students. The College celebrates the national and international days, events and festivals throughout the year. In academic

year 2020-21, we have celebrated the events like International Yoga Day, International Women's Day, Independence Day, Republic Day, Birth Anniversaries of Chatrapati Shivaji Maharaj, Dr. Sarvapalli Radhakrishnan(Engineer's Day), Mahatma Gandhi, and Swami Vivekananda, Marathi Bhasha Diwas, etc.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

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

I. Best Practice I

1. Title of the Practice: ROBOCLUB-Robotics Students Club.
2. Objectives of the Practice: To encourage and support practical implementations of robotics curricula in schools.
3. The Context: Technology is present everywhere, except in schools. Technologies in schools today do not support the 21st-century learning skills.
4. The Practice: PDEA's College of Engineering has established Robotics students club.
5. Evidence of Success : PDEA's College of Engineering had successfully trained 5 schools and our students have helped them to make innovative projects.
6. Link for the projects : <https://youtu.be/XNsUwV4XSZI>.

II. BEST PRACTICE NO. 2

1. Title of the Practice: Entrepreneurship Development Centre (ED Centre)
2. Goal: To identify and motivate budding entrepreneurs
3. Context : It facilitates the ideas and implementations of youth and allows them to transform these ideas into commercial venture by providing the necessary resources to execute their well-thought out plans.

4. **The Practice:** • To organize Entrepreneurship Awareness Camps, Entrepreneurship Development Programs and Faculty Development Programs in the region.
5. **Evidence of Success:** Institute has achieved its target as our alumni are having their own business and doing well for self as well as for the society.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

P.D.E.A. is a parent institute and backbone of our College with a sole aim of educating even in the rural families of Pune District and to create the bright future generation. Founder member Shri. Baburaoji Gholap started P.D.E.A. on 7th September 1941 with the Motto of "Benefit and Happiness of the Society".

We are proud to mention that PDEA has received the prestigious, "Best Educational Institute Award" from the Government of Maharashtra for the remarkable achievement in the field of education and social work, on 5th September 2000.

The Association runs different branches like Pre-Primary Schools (Marathi and English Medium)-11, Primary Schools-12, Secondary Schools-61, Higher Secondary Schools-31, Vocational Courses-25, Senior Colleges (Multi Facility) - 08, Ayurved College and Research Center - 01, Pharmacy Colleges -02, Management Institutes - 03, Polytechnic Institutes - 01, Engineering College - 01, Law College - 01 and D. Ed College - 01.

Our Institute share close proximity with lush green nature, so it provides calmness and peace. The institute has the vision to uplift common masses by rendering value added education. To achieve this institute is continuously working towards creating engineers receptive to the changing demands of the global market

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

7.3.2 - Plan of action for the next academic year

Future Plans of Actions for Next Academic Year

As per motto of our parent Organization, Institute is trying to reach more rural school going students and is providing them training of Robotics with our trained students.

Our parent trust PDEA owns around 28 higher secondary schools and Junior Colleges along with 53 Secondary Schools, our Robotics club members who are the Engineering students, go to various PDEA schools to inculcate the interest in Technology right from their early school days. We have conducted a model making competition under this initiative and a great number of students participated in it.

Robotics Club has a target to arrange seminars at all the PDEA Schools within the next 3 years, the target for next academic year i. e. in 2021-22 is set to approach more PDEA schools. The results of this initiative are very encouraging as it is directly helping to achieve the main objective to benefit the rural & economically weaker section of students.