



Yearly Status Report - 2017-2018

Part A

Data of the Institution

1. Name of the Institution	PUNE DISTRICT EDUCATION ASSOCIATION'S COLLEGE OF ENGINEERING, MANJARI (BK), PUNE
Name of the head of the Institution	Ritesh Vamanrao Patil
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	02026996625
Mobile no.	9850660498
Registered Email	coem@pdeapune.org
Alternate Email	rvpatil3475@yahoo.com
Address	Hadapsar-Wagholi Road, Near VSI, Manjari (Bk), Hadapsar
City/Town	Pune
State/UT	Maharashtra

Pincode	412307																		
2. Institutional Status																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Urban																		
Financial Status	private																		
Name of the IQAC co-ordinator/Director	Deepak Onkar Patil																		
Phone no/Alternate Phone no.	02026996625																		
Mobile no.	7588735349																		
Registered Email	coem@pdeapune.org																		
Alternate Email	dipak_25@yahoo.co.in																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	http://www.pdeacoem.org/IqacSrv																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.pdeacoem.org/academics																		
5. Accreditation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accreditation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B+</td> <td>2.54</td> <td>2017</td> <td>30-Oct-2017</td> <td>29-Oct-2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accreditation	Validity		Period From	Period To	1	B+	2.54	2017	30-Oct-2017	29-Oct-2022
Cycle	Grade	CGPA	Year of Accreditation	Validity															
				Period From	Period To														
1	B+	2.54	2017	30-Oct-2017	29-Oct-2022														
6. Date of Establishment of IQAC	20-Jul-2017																		
7. Internal Quality Assurance System																			
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by IQAC		Date & Duration		Number of participants/ beneficiaries															

Pedagogy for Online & Blended Teaching Learning	14-Sep-2017 4	10
Foundation Program in ICT for Education	03-Aug-2017 4	26
CAE/CAD Training	03-Mar-2018 1	12
Advanced PLC	15-Jan-2018 1	16
College to Corporate Program-Technical skills	20-Feb-2018 1	18
College to Corporate Program-Financial Literacy	23-Jan-2018 1	23
College to Corporate Program-Soft skills	07-Sep-2017 1	16
College to Corporate Program-Workplace Communication	07-Sep-2017 1	16
Campus cleaning on Independence day	14-Aug-2017 1	35
Mahatma Gandhi Jayanti	03-Oct-2017 1	56
Yuvak Din	12-Jan-2018 1	64
Shiv Jayanti	19-Feb-2018 1	43
Teachers' Day	05-Sep-2017 1	74
Challenges for Girls in Today	15-Mar-2018 1	90
Importance of Girls for society & family	15-Mar-2018 1	90
Save Girl Child	20-Mar-2018 1	98
Need of Women Empowerment	20-Mar-2018 1	60
Blood donation camp	31-Jul-2017 1	80
PATHNATYA for special CHILDREN	16-Aug-2018 1	40
Cycle rally	23-Sep-2017 1	50
Road Safety Seminar	01-Feb-2018 1	70
World Cancer Day	05-Feb-2018 1	44
Health Checkup Camp	17-Feb-2018 1	45

Soft Skill Development	14-Dec-2017 1	24
Communication Skills	16-Jan-2018 1	27
Java Technology	24-Apr-2018 1	28
Java Technology	26-Mar-2018 1	27
Machine Learning for Data Science	06-Feb-2018 2	38
Hands on Exposure to MySQL and Mongo DB	04-Oct-2017 1	23
TEIT Theory Lab Revise Course Conduction Workshop	13-Jul-2017 1	5
Five days STTP on Three-D Printing	03-Mar-2018 5	1
Two days FDP on Web Technology	13-Dec-2017 2	1
Workshop on IC Engine Theory Practices	05-Feb-2017 5	1
Advance Java Mobile Application Development	07-Jun-2017 2	1
Annual Sports Day	15-Jan-2018 3	378
Confluence Eighteen	28-Mar-2018 2	100
Ganpati Utsav	25-Aug-2017 5	15
TATA STRIVE Campus Placement	11-Apr-2018 1	124
Ford Motors OFF Campus Drive	15-May-2018 1	40
Life span of AC vent in Car	05-Oct-2017 1	2
Study Abroad by EDWISE	21-Mar-2018 1	71
Industrial Automation	22-Jan-2018 1	37
Interview Preperation by Pradeep Batule	09-Apr-2018 1	23
Identify	24-Jan-2018 1	33
SIEC, INDIA	20-Jan-2018 1	78
Employee Factory	01-Mar-2018 1	22

8. Provide the list of Special Status conferred by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Deapartment of MBA	DSTNIMAT	EDII, Gandhinagar, Gujrat	2017 1	100000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1) Achieved average 94 Result out of the target set of 100 Result for Final Year students. 2) Seminar / Workshop / Conferences / Faculty Development Programs organization. 3) Technical / Extracurricular / Sports clubs formation 4) Project / Paper presentations Competitions 5) Extension activities under NSS

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

Plan of Action	Achivements/Outcomes
Curriculum Enrichment	Organized Curriculum enrichment activities in dept
Seminar / Workshop / Conferences / Faculty Development Programs organization :	Organized Faculty Development Program in association with IIT, Bombay
Technical / Extracurricular / Sports clubs formation	RoboClub, Art Circle, Sports activities for students round the academic year

Project / Paper presentations Competitions	Organization of event Futurizm				
Extension activities under NSS	Organizing Social activities, Camps				
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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">Name of Statutory Body</th> <th style="width: 50%;">Meeting Date</th> </tr> </thead> <tbody> <tr> <td>College Development Committee</td> <td>04-May-2018</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	College Development Committee	04-May-2018
Name of Statutory Body	Meeting Date				
College Development Committee	04-May-2018				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes				
Date of Visit	25-Sep-2017				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2018				
Date of Submission	15-Feb-2018				
17. Does the Institution have Management Information System ?	Yes				
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>ETH Enterprise resource planning (ERP) System Of PDEA's COE, Manjari(Bk) The College is having its intranetwork system ETH ver 5.4.4. It has different modules for resource management. College is using following modules effectively</p> <p>1. Administration:</p> <ul style="list-style-type: none"> • With this an administrator can view, make changes, implement procedures, and everything else that is useful for office administration. • With this entity you can manage and monitor practically all areas of administration, both academic and nonacademic. • Bonafied Certificate, LC report of passed out students, shifting students to higher classes is done with this module. • Specific roles of ETH handling can be assigned to each employee by administrator. eg Role of class teacher, role of accountant etc. So everybody can get access to required fields only. <p>2. User management:</p> <ul style="list-style-type: none"> • With this module, System manages the users 				

details i.e. registration, profile, password etc. of students as well as staff. • With this module we can get teaching and support staff details report, including date of joining, qualification etc. • Apart from the user activities, it also provides the Administrator with a link which is enabled only on Admin Login to block/unblock the users of the system or mark them as exusers

3. Admissions:

- In this module ,we can make entry of new students in Enrollment form at the time of admission. This information can be edited by class teacher afterwards.
- In enrollment form all necessary information of student along with his/her photograph is maintained. • Report of Strength of each class for specific academic year can be generated. Total number of students admitted to particular course for each academic year can be obtained.

4. Fees Management:

- This module saves much of our time in billing and fee entry. • The system tracks the current fee category and the fee paid of each and every student year wise. • It also allows to change fee category and accordingly the present status of fee payment is set. • This module maintains record of Fee reports daywise, monthwise, yearwise or for specific period also.

5. Library Management:

- With this module college is maintaining record of Book Issue, Book Return Report Membership Report, Monthly transaction Report, Vendor/ Donor Report, Accession Register and Rate wise Newspaper Details. • Printing of Icard can be done with this module. • On Line Public Access Catalog (OPAC)is available with this module and is beneficial to staff and students.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

At the beginning of the semester, Teaching plan is prepared with planned dates and actual dates for theory as well as practical. Curriculum is planned such that students should get the sufficient time to prepare the theory as well as practical. The university guidelines are also followed for preparing the teaching plan to cover the particular topics in the syllabus. Since the

university has online exams for FE & SE, In-Sem Exams for TE & BE on partial syllabus, teaching plans are prepared accordingly. After partial completion of syllabus, mock test is taken for all students and for weak students, personal attention is given by staff for understanding the subject is provided. Head of the Department, Dean Academics as well as Principal is involved in this process of periodical assessment. For practical, same procedure is followed. At the end of semester, students has to submit their work. Term work marks are granted on the basis of attendance, Practical performance and submission with orals. These assignments are also planned in practical plan schedule in semester. Marking scheme for these subjects are adopted according to the common policies defined at the institute level.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
College to Corporate Program Financial Literacy	0	23/01/2018	2	Entrepreneurship	Yes
College to Corporate Program Soft skills	0	07/09/2017	2	Employability	Yes
College to Corporate Program Workplace Communication	0	07/09/2017	2	Entrepreneurship	Yes
Pedagogy for Online Blended Teaching Learning	0	14/09/2017	4	Employability	Yes
Foundation Program in ICT for Education	0	03/08/2017	4	Employability	Yes
College to Corporate Program Technical skills	0	20/02/2018	2	Employability	Yes

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	E&TC	15/06/2018
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
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BE	Mechanical Engineering	15/07/2017
BE	Computer Engineering	15/07/2017
BE	Information Technology	15/07/2017
BE	Electronics Engineering	15/07/2017
BE	Instrumentation & Control	15/07/2017
MBA	Master of Business Administration	15/07/2017

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

	Certificate	Diploma Course
Number of Students	373	0

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Seminar on Approaches in career	18/07/2017	30
Career guidance seminar by M/s. Employer Factory	01/03/2018	26
How to crack GATE exam in first attempt	16/01/2018	32
Seminar on Implementation of Linked list, Stack, Queue by Mr. Aniruddha Kshirsagar(Prakrut Solutions Pvt Ltd)	08/09/2017	10
Seminar on Implementation of Linked list, Stack Queue	08/09/2017	10
Seminar on Theory of Computation	07/09/2017	13
CAE/CAD Training	03/03/2018	12
Advanced PLC	15/01/2018	16
Workshop on Java Technologies	24/04/2018	23
Project on Lifespan of AC vents in car	05/10/2017	2
Workshop on Microprocessor Lab	26/03/2018	28
Workshop on hands on exposure to MySQL MongoDB	04/10/2017	23
Workshop on Machine learning for data Science.	06/02/2018	38
Workshop on Cloud Computing	29/06/2017	34
Semimnar on	08/09/2017	10

Implementation of Linked List, Stack and Queue by Mr Aniruddha Kshirsagar

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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MBA	Marketing, Finance, Operations, HR	45
BE	Mechanical	14
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

The institute have designed structured feedback questionnaire for all the stakeholders obtains the feedback on regular interval. IQAC analyses the feedback on the parameters enlisted below for each stakeholder. Students Feedback: 1) Teachers preparedness in class 2) Effective teaching presentation 3) Concepts principals understandable 4) Course coverage satisfaction 5) Assignments revelance 6) Teachers punctuality 7) Learning environment in class 8) Helpful guidance 9) Exam point preparation while teaching 10) Supportive for inquisitiveness Teachers Feedback: 1) Utility in increasing competencies 2) Learnercentric approach in design 3) Updation of domain knowledge 4) Logical sequence of units 5) Elements of interest in contents 6) Application in real life situations 7) Appropriate assessment startegies 8) Coherence between course objective curriculum 9) Coordination of syllabus allotted lectures 10) Availability of Text reference books Employers Feedback : 1) Technical Knowledge 2) Knowledge of Modern engineering tools 3) Communication skill 4) Professional ethics responsibilty 5) Ability to work in team 6) Leadership quality 7) Independent lifelong learning ability 8) Work sincerity. Alumni Feedback: 1) Additional/supplementary training after joining the organization? 2) Higher education after graduation? 3) To meet present job requirement please specify tools/technologies used, different than you have learn during your engineering program. 4) To what extent the curriculum of Pune University meets requirement of industry and higher studies. 5) To what extent the hardware, software skills developed during the course 6) To what extent your analytical and logical skills are developed during projects 7) Whether efforts are taken to improve soft skills during the course? 8) The knowledge obtained from the engineering program is helpful in succeeding relevant competitive examinations 9) For betterment of department can you help us ? 10) Which are the most desirable attribute that a graduate engineer should have? 11) What bridging courses/modules/certifications you would like to suggest that will meet needs of Industry in general? 12) Which Courses (Subjects) in the present curriculum

have become redundant or obsolete according to you? 13) What needs to be done for overall development of personality of engineering graduates? Parents Feedback: 1) Infrastructure available 2) Teaching/Learning process 3) Education quality 4) Professional technical skills 5) Co-curricular/ Extra Curricular activities participation encouragement 6) Industry exposure 7) Security policy 8) Institutes contribution in Students performance 9) Vision/Mission Program Educational Objectives attainment 10) Audit courses It's observed from the earlier feedbacks received that, alumni are quite satisfied with the infrastructure facilities. The suggestions from stakeholders mainly focus on to keep pace with the ever-changing technology. IQAC planned an initiative for add-on/bridge courses. Alumni interaction at department level across different events such as expert lectures, discussing industry job scenario with current batches, organizing mock interview etc are the benefits. Parents feedback analysis suggests to improve onto Industry exposure aspect. IQAC decided to address the issue by signing more MoUs with the adjoining industries and cater to the need of students. Some programs about Universal human values to be imbibed in the students are initiated under student development cell. Students are encouraged to ask in case of difficulty in subjects so that it can be rectified. <http://www.pdeacoem.org/downloadpublicdocument?hdid191>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Mechanical Engineering	60	51	20
BE	Computer Enginneri	60	51	36
BE	Electronic Engineering	60	37	5
BE	Instrumentation & Control	30	20	10
BE	Information Technology	30	26	13
MBA	Master of Business Administration	60	63	60

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017	562	113	58	6	0

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
64	64	12	2	1	6

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

Teacher Guardian Scheme (TGS) is available in the College for Students mentoring. Students meetings are conducted with respective TGS staff to discuss student's issues. University result analysis and regular interaction between teacher and student like TGS meeting helps to get the information about students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker students. Teacher interacts regularly with the students assigned to them and find out the academic performance of student and take the required measures for weaker students. The Institute regularly communicates the marks obtained in the examination, as well as their attendance to the parents by TGS Letters. The teacher guardian maintains the TGS Form of every student about his/her performance in each semester. Effective implementation of TGS scheme causes special attention to each student and those who are at risk of failure and drop out are identified during teaching and learning period. This scheme is used to identify weaker students and overcome the identified problem and to enhance the technical and soft skills of the students to improve their employability.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
675	64	1 : 20

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
54	37	17	27	2

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2017	Prof. Niraja Jain	Associate Professor	Best paper representation award in the conference: International Conference on Emerging Trends in Science Engineering Technology (ICETSET 2018).
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination

MBA	MB6206	Sem III	06/09/2017	30/01/2018
MBA	MB6206	Sem IV	01/05/2018	27/06/2018
BE	EN6206	Sem VII	18/10/2017	16/01/2018
BE	EN6206	Sem VIII	06/04/2018	04/07/2018
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

A) The Institute is accountable to the stakeholders students, faculty, parents, alumni and the society. The evaluation processes are brought to the notice of the students and faculty through the followings: The Institute makes aware to the admitted students and parent about the evaluation process through the induction program conducted at start of college at institute and department level. The Institute notifies the students regarding schedule and structure of internal and Savitribai Phule Pune Universitys evaluation system through the college notice board college website. At the commencement of the term, students are notified about the criteria for evaluation of term work. The term work marks are given on different parameters like (i) attendance of student (ii) internal examination performance (iii) continuous assessment and (iv) mock examination. Students performance is assessed by continuous submission and internal assessment. Institute conducts unit tests examination. All this information is given to the parents through parent teacher meeting. The letters are sent to the parents as per the college format after each unit examination and the marks and attendance is conveyed to the parents. The evaluation parameters and methodology is discussed in the faculty meeting. Suggestions from the faculty 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. B) The institution implements all the evaluation reforms as prescribed by the Savitribai Phule Pune University. In addition, the Institute has introduced measures on its own. Following are the major evaluation reforms introduced by the University. Appointment of CEO : As per SPPU directives, the Institute has appointed a senior and experienced faculty member as College Examination Officer (CEO). The Examination Committee as a structure with the Principal as the Chairman assisted by CEO who is the member Secretary and senior faculty members from each department. Insem Examination : SPPU has introduced concept of insem examination for Third year Engineering (TE) and Final year of Engineering (BE). The Institute has smoothly adopted all the rules, and procedures laid down by University. SPPU has introduced online examination for evaluation of first and second year engineering students. The Institute conducts online examinations of the SPPU during every semester. The marks of term work /oral examination and those for insemester (for TE and BE) are submitted online to the University. Appointment of Internal Examiners : The Institute appoints internal examiners for the practical/oral examinations as per the guidelines of the University. The reforms initiated by the Institute are - The institute conducts the following internal examination as part of evaluation of student continuously. For FE and SE two online examinations as per the university norms are taken. For TE and BE internal In semester examination of 30 mark is conducted as per the norms of university. Students performance is assessed continuously for regular completion.

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

The Institute notifies students as well as faculty about the various academic related things like schedule of different examinations, holidays, Mock Exam schedule, Assignment submission, Parents meet, Alumni meet etc through the academic calendar. Academic calendar is prepared for every semester it is

published before the commencement of the semester for First year engineering as well as for Higher classes. Starting with the commencement date academic calendar includes the dates for the display of monthly attendance for all classes. Schedule for the mock online examinations for SE students is given followed by the schedule of SPPU Online exam. Schedule for the mock Insemester examination is given for TE BE students followed by the schedule of SPPU Insemester Exam. Completion date for Theory and practical syllabus of all concerned subjects, final year projects and third year seminars is given. According to the monthly attendance provisional as well as final detention lists are prepared by the class teachers and displayed on the notice board as per the date given in Academic Calendar Schedule for mock Practical and oral examination is given followed by the SPPU Practical and oral examination. SPPU theory examination dates are also given in the academic calendar.

2.6 – Student Performance and Learning Outcomes

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

<http://www.pdeacoem.org/downloadpublicdocument?hdid=156>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
620624510	BE	Computer Engineering	64	59	92
620624610	BE	Information Technology	17	17	100
620646610	BE	Instrumentation & Control	7	7	100
620637210	BE	Electronics	15	15	100
620610110	MBA	Master of Business Administration	52	36	69
620661210	BE	Mechanical Engineering	65	54	83

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2.7 – Student Satisfaction Survey

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

<http://www.pdeacoem.org/downloadhd?hdid=171>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Projects sponsored by	2	SPPU PUNE	74000	37000

the University				
Projects sponsored by the University	2	SPPU PUNE	190000	95000
Projects sponsored by the University	2	SPPU PUNE	100000	50000
Projects sponsored by the University	2	SPPU PUNE	75000	37500
Projects sponsored by the University	2	SPPU PUNE	74000	37000

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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Seminar on PrePlacement Talk	All Departments	28/02/2018
Seminar on Job Opportunities for Fresher's in IT Industry	Computer , IT	01/03/2018
Seminar on Preparation for GD, PI	All Departments	20/03/2018
Seminar on Preparation for Overseas Studies	All Departments	21/03/2018
Seminar on Preparation of Resume and use of Job Portals and Professional Network	All Departments	22/03/2018
Seminar on Unconventional Education	All Departments	24/03/2018
Workshop on Java Technologies	Computer , IT	24/04/2018
Project on Lifespan of AC vents in car	Instrumentation and control	05/10/2017
Seminar on Approaches in career	Computer	18/07/2017
Workshop on Microprocessor Lab	Computer	26/03/2018
Workshop on hands on exposure to mysql MongoDB	Computer	04/10/2017
Carrier guidance seminar by M/s. Employer Factory	Computer	01/03/2018
Workshop on Machine learning for data Science.	IT	06/02/2018

Workshop on Cloud Computing	IT	14/11/2017
Foundation Program in ICT for Education	IT	03/08/2017
College to Corporate Program Technical skills	ALL DEPARTMENT	14/11/2017
CAE/CAD Training	MECHANICAL	03/03/2018
Advanced PLC	MECH and Instru	15/01/2018

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NA	NA	NA	15/01/2018	NA
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Funfirst Global skillers Pvt. Ltd	RACW course	Whrilpool /India Pvt.Ltd. PMKVY skill India Central Govt. Project	RACW Course	To develop the industrial skills in educationally economically backward people	01/05/2017
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

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

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Mechanical	1	0
International	Computer	7	5.7
International	IT	3	0

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

Department	Number of Publication
IT(International)	1
Mechanical (National)	6
Mechanical (International)	1

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
The Effectiveness of cloud databases	Prof. N. R. Jain	Algorithms , Methodology, Models and Applications in Emerging Technologies (ICAMMAET), 2017 International Conference	2017	0	IEEE	1
The Future of database services : cloud databases	Prof. N. R. Jain	Algorithms , Methodology, Models and Applications in Emerging Technologies (ICAMMAET), 2017 International Conference	2017	0	IEEE	1
DAAS (Database as a Service) in Cloud Computing	Prof. N. R. Jain	International Journal of Innovations Advancement in Computer Science IJIACS ISSN 2347 - 8616	2018	0	Academic Science	1
Smart Virtual Trial Room Using Augmented Reality	Prof. S. M. Bhadkumbhe	International Journal of Innovative Research in Technology (IJIRT)	2018	2	IJIRT	3
A parallel	Prof. A.	Internatio	2018	0	IJIRT	2

Patient treatment time prediction algorithm and its applications in hospital queuing recommendation	A. Bamnikar	Journal of Innovative Research in Technology (IJIRT) IM5.867				
ASSAR Automatic PPT Generation using Machine Learning	Prof. S. V. Shinde	IJSRCSEIT	2018	1	IJCRT	1
A review on Learning based Automatic PPT Generation using Machine Learning	Prof. S. V. Shinde	IJSRCSEIT	2018	5	IJCRT	6
IFARMS: IOT Based Smart Dribble Water System and Interloper Detection System on Cloud	Prof. R. B. Rathod	International Research Journal of Engineering technology (IRJET) IM5.867 in Computer	2018	5	IRJET	6
Optimization of biodiesel synthesis from Karanja oil using heterogeneous catalyst by transesterification process	Prof. S. A. Patil	Springer	2017	0	Springer	1
Analysing online unauthorized activity	Prof. A. A. Bamnikar	IJIRT Vol 4 Issue 12	2018	0	IJIRT	1

using data mining						
Control Buggy using Leap sensor camera in data mining domain	Prof. S. M. Bhadkumbhe	International Research Journal of Engineering and Technology IM6.171	2017	0	IRJET	3
View File						

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
NA	NA	NA	2017	0	0	NA
No file uploaded.						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	29	28	20
Presented papers	11	10	0	0
Resource persons	0	0	2	0
No file uploaded.				

3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
College to corporate 1)Communication Skill	IIT Bombay	4	25
Workshop on "Mechatronics"	Sofcon India Pvt. Ltd., Pune	2	32
Workshop on "Industrial Automation"	Sofcon India Pvt. Ltd., Pune	2	35
HVSC Design and Drafting	Sofcon India Pvt. Ltd., Pune	2	59
How to crack GATE exam in first attempt	EMC services Ltd. Pune	1	38
Expert lecture on	Edwise, Pune	1	71

study abroad			
Work Place Communication	IIT Bombay	4	25
Technical Skill	IIT Bombay	4	25
Financial Literacy	IIT Bombay	4	25
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NA	NA	NA	0
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
NSS	SPPU	One week long NSS Camp at Village: Padvi, Dist - Pune	1	30
NSS	COEM	Cycle Rally	18	10
NSS	POONA BLOOD BANK	Blood donation camp	12	48
NSS	COEM	Campus Cleaning	29	84
NSS	COEM	PATHNATYA for special children	8	68
NSS	COEM	NSS Foundation day	14	97
NSS	COEM	NSS Week	17	94
NSS	COEM	Mahatma Gandhi Jayanti	11	87
NSS	COEM	Yuvak Din	9	79
NSS	COEM	Health checkup camp	53	61
NSS	COEM	Shivjayanti programme	7	68
Cultural programme	Purshottam Karandak	Play (Drama)	1	6
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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Research Project	Dr. R. V. Patil	SPPU	2

Research Project	Prof. S. T. Sanamdikar	SPPU	2
Research Project	Prof. R. B. Rathod	SPPU	2
Research Project	Prof. B. S. Kankate	SPPU	2
Research Project	Prof. M. C. Pande	SPPU	2
Research Project	1) Prof. S. A. Patil 2) Prof. B. K. Suryatal 3) Mr. Mayur Mahadik 4) Mr. Premnath Suryavanshi 5) Mr. Somnath Gadsingh 6) Mr. Akash Gawali	Indian biodiesel corporation	1
No file uploaded.			

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Industry Internship Programmes	Internship	Bilai Steel Plant Raipur, Chattisgad	05/05/2018	04/06/2018	Charudatt Deogade
Industry Internship Programmes	Internship	Shree Allys Bhilwara, Rajasthan	05/05/2018	04/06/2018	Prakash Gauan
Industry Internship Programmes	Internship	Hindustan liver khamgaon	01/06/2018	30/06/2018	Santosh Wadekar
Industry Internship Programmes	Internship	Essential Equipment, Dhule	01/06/2018	30/06/2018	Kunal Gavande
Industry Internship Programmes	Internship	Aask Precesion Engineering	20/05/2018	19/06/2018	Akash Wagh
Industry Internship Programmes	Internship	Gujarat Guardian Ltd	20/05/2018	19/06/2018	Sohel Mulani
Industry Internship Programmes	Internship	Skyy Rider Institutions	15/06/2018	29/06/2018	Shrikan Jogi, Akash Jagdale, Shubham Paramshetti, Sahil Tamboli
Industry Internship	Internship	OM SAI Autolines,	01/06/2018	15/07/2018	Vinod Subhash Kale

Programmes		Market yard Pune			
Industry Internship Programmes	Internship	Raj Equipments Rental And Sales, Ranjhangaon, Pune	01/06/2018	15/07/2018	Kuldip Bapurao Jadhav
Industry Internship Programmes	Internship	Sagar Industries Pvt Ltd, Uruli Kanchan, Pune	01/06/2018	15/07/2018	Mahesh Digambar Kharade
Industry Internship Programmes	Internship	Prothom Industries India Ltd. Dighi Pune	01/06/2018	15/07/2018	Pratiksha Mangesh Harpale
Industry Internship Programmes	Internship	PE Electronics Ltd., Aurangabad	01/06/2018	15/07/2018	Shrutika Lohade
Industry Internship Programmes	Internship	Event Mantra Pune	01/06/2018	15/07/2018	Apeksha R.Badjate
Industry Internship Programmes	Internship	Mahalaxmi Autimobiles Pvt.Ltd ,Mudhwa, Pune	01/06/2018	15/07/2018	Atul Digambar Kalpande
Industry Internship Programmes	Internship	Treesha Desire Infotech Solutions Pvt.ltd, Warje, Pune	01/06/2018	15/07/2018	Kunal Tirupati Bhandari
Industry Internship Programmes	Internship	M/S. S. D. Pote Co. Kharadi, Pune	01/06/2018	15/07/2018	Vicky Balaji Waghmare
Industry Internship Programmes	Internship	The Lexicon Internationa l School, Pune	01/06/2018	15/07/2018	Mayur Mahadeo Munde
Industry Internship Programmes	Internship	Suburbia Estate, Pune	01/06/2018	15/07/2018	Rahul Murlidhar Shingane
Industry Internship Programmes	Internship	Core Ocean, Pune	01/06/2018	15/07/2018	Ashish Ramesh Goud
Industry Internship Programmes	Internship	SNAVI Tech Solutions Pvt. Ltd. Pune	01/06/2018	15/07/2018	Shubham Suresh Raipure

Industry Internship Programmes	Internship	Mhetre Automotive, Pune	01/06/2018	15/07/2018	Ajinkya Sanjay Chavan
Industry Internship Programmes	Internship	Saudi Basic Industries Corporations (SABIC) Pune	01/06/2018	15/07/2018	Akshay Ravindra Borker
Industry Internship Programmes	Internship	ACE Kudale Cars Pvt. Ltd, Pune	01/06/2018	15/07/2018	Rahul Bajirao Nevase
Industry Internship Programmes	Internship	Sagar Industries Pvt. Ltd. Pune	01/06/2018	15/07/2018	Tushar Ashok Bhandari
Industry Internship Programmes	Internship	Kutwal Foods Pvt. LTD. Andhalgaon, Pune	01/06/2018	15/07/2018	Juned Jainnoddn Sayyed
Industry Internship Programmes	Internship	Serum Institute Of India Pvt. Ltd, Pune	01/06/2018	15/07/2018	Snehal Mahadeo Chavan
Industry Internship Programmes	Internship	Chefs Corner, Pune	01/06/2018	15/07/2018	Swapnil S.Gajare
Industry Internship Programmes	Internship	Niramay Hospital, Ahmed Nagar	01/06/2018	15/07/2018	Prashant Hande
Industry Internship Programmes	Internship	Bhairavnath Industries, Wadaki, Pune	01/06/2018	15/07/2018	Shubham Tilekar
Industry Internship Programmes	Internship	INA Bearings India Pvt. Ltd. Pune	01/06/2018	15/07/2018	Akshay Z.Pathak
Industry Internship Programmes	Internship	Coca Cola Company, Pirangut Pune	01/06/2018	15/07/2018	Arjun Rajendra Raut
Industry Internship Programmes	Internship	Sadu IT Consultancy Services, Pune	01/06/2018	15/07/2018	Niranjan Gulab Dhavale
Industry Internship Programmes	Internship	White Wabler Communication Pvt. Ltd., Camp, Pune	01/06/2018	15/07/2018	Rashmi Ravindra Bhole
Industry Internship Programmes	Internship	Omkar Enterprises, Sanaswadi, Pune	01/06/2018	15/07/2018	Pankaja Jadhav

Industry Internship Programmes	Internship	Yantrik Engineers, Phursungi, Pune	01/06/2018	15/07/2018	Yadav Prashant Atmaram
Industry Internship Programmes	Internship	Rajlaxmi Engineering, Pune	01/06/2018	15/07/2018	Shaila S.Kedar
Industry Internship Programmes	Internship	Kirloskar Pneumatic Company Ltd. Pune	01/06/2018	15/07/2018	Sahil D.Pophalkar
Industry Internship Programmes	Internship	Prakash Pharmaceuticals Sadashiv Peth, Pune	01/06/2018	15/07/2018	Hemant Ashok Raut
Industry Internship Programmes	Internship	B. G. Shirke Contraction Pvt. Ltd., Pune	01/06/2018	15/07/2018	Abhay Dilip Pawar
Industry Internship Programmes	Internship	Jay Bhavani Mata Export, Pune	01/06/2018	15/07/2018	Sumit Vilas Madage
Industry Internship Programmes	Internship	Yantrik Engineers, Phursungi, Pune	01/06/2018	15/07/2018	Dharmaraj Singh
Industry Internship Programmes	Internship	Super Auto India Pvt. Ltd., Pune	01/06/2018	15/07/2018	Akshay Baban Hapse
Industry Internship Programmes	Internship	Angel Broking Pvt. Ltd., Pune	01/06/2018	15/07/2018	Leena Prakash Hingane
Industry Internship Programmes	Internship	Chefs Corner ,Pune	01/06/2018	15/07/2018	Kajal Vilas Bakshe
Industry Internship Programmes	Internship	Sadguru Constructions and Pvt. Ltd., Pune	01/06/2018	15/07/2018	Anita Pravin Jadhav
Industry Internship Programmes	Internship	Writgen India Pvt. Ltd., Pune	01/06/2018	15/07/2018	Minal Nerkar
Industry Internship Programmes	Internship	Writgen India Pvt. Ltd., Pune	01/06/2018	15/07/2018	Mahendra Ingale
Industry Internship Programmes	Internship	Folix Media Pune	01/06/2018	15/07/2018	Pratik Gawali
Industry Internship Programmes	Internship	Electrolab India Pvt. Ltd., Mumbai	01/06/2018	15/07/2018	Raguram Devkar

Industry Internship Programmes	Internship	Zinith Software Pvt. Ltd., Pune	01/06/2018	15/07/2018	Neeraj Saraswat
Industry Internship Programmes	Internship	Metal Impregnations Pvt. Ltd., Pune	01/06/2018	15/07/2018	Chetan Patil
Industry Internship Programmes	Internship	Nipro India Corporation Pvt. Ltd., Satara	01/06/2018	15/07/2018	Ganesh Bhosle
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Aarti koli
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Adesh Khedkar
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Aditya Futane
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Amol Ashok Shinde
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Ankush Ade
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Arjun Sutar
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Ashwin Sonone
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Atul Marshivane
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Deepa Pardeshi
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Deepak Kumar
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Dheerajkumar Pandey
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Gulab Mandhare
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Harshal marathe

Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Nana Kardile
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Pooja More
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Pratik Sonawale
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Premnath Suryavanshi
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Priyanka Ghule
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Priyanka Jadhav
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Rajkush
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Sagar Bendre
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Santosh Basabire
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Shradha Makar
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Shubham kunjir
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Shweta Narwade
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Snehal Jadhav
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Suraj Kokne
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Vishal Wangaskar
Industry Internship Programmes	development training	TATA Strive	08/06/2018	07/08/2018	Rajesh Pawar
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate

houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Global Talent Track	03/05/2018	Preparation of GD, Presentation Personal Interview	60
IBS	01/04/2018	Preparation of GD, Presentation Personal Interview	148
Dunamis Systems Engineering Private Limited, Pune	05/08/2017	Preparation of GD, Presentation Personal Interview Placed students	5
Funfirst Global skillers Pvt. Ltd	01/05/2017	To develop the industrial skills in educationally economically backward people	77
Zertons	11/04/2018	Student Teacher Communication Purpose (Android APP)	25
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
5	7.36

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar halls with ICT facilities	Existing
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
ETH	Partially	8.0	2009

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total

Text Books	23736	907195	18	25722	23754	932917
Reference Books	5204	300728	135	25388	5339	326116
e-Books	0	0	0	0	0	0
Journals	763	2402247	0	0	763	2402247
e-Journals	5	1812506	1	16500	6	1829006
Digital Database	0	0	0	0	0	0
Library Automation	0	0	0	0	0	0
Weeding (hard & soft)	495	0	0	0	495	0
Others (specify)	0	0	0	0	0	0
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Prof. R.B. Rathod	Google Class Room	Google	05/07/2017
Prof. P.L. Suryawanshi	Google Class Room	Google	07/07/2017

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	384	18	18	5	1	9	375	22	0
Added	0	0	0	0	0	0	0	10	0
Total	384	18	18	5	1	9	375	32	0

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

32 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NIL	NIL

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on	Expenditure incurred on	Assigned budget on	Expenditure incurred on
--------------------	-------------------------	--------------------	-------------------------

academic facilities	maintenance of academic facilities	physical facilities	maintenance of physical facilities
5.5	5.22	5	0.75

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

The institute has appointed a team of maintenance staff of the college which is duly supervised by the maintenance supervisor. The maintenance staff carries out day to day cleanliness of corridors, washrooms, classrooms, laboratories and overall maintenance of the college premises. The maintenance of water coolers is carried out by an annual maintenance contract. The institute has formed Electrical Maintenance Committee for repair and maintenance of electrical works. Laboratory equipments are serviced and repaired by the technical assistants of their respective departments for minor repairs or by the concerned manufacturers for major repairs. The maintenance of computing facility is carried out by the system administrator and the technical assistants of the respective departments. For the repair and maintenance of civil works, a requisition slip is submitted by the Head of the Department through the Principal to the Campus Maintenance Supervisor. Periodic checks, reviews and observations by the higher authorities help in proper upkeep and maintenance of the campus.

<https://s3.us-east-2.amazonaws.com/pdeacoemnew/lqcDoc/Support+%26+Maintanance+Mechanism.pdf>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Earn and Learn Scheme	68	109890
Financial Support from Other Sources			
a) National	Social welfare scholarships and DTE scholarships	448	24021839
b) International	0	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Preparation for GD/Presentation/Personal Interview	24/01/2018	84	IBS
Study International Education	20/01/2018	78	SIEC India
Unconventional Education	24/01/2018	33	I Dentify
JAVA Interview Preparation	09/04/2018	23	PradipBatule (IT Professional)

Employment for Fresher Student for IT	01/03/2018	22	Employee Factory
Remedial class	20/03/2017	22	Teaching staff
Langague laboratory	15/06/2017	90	Lab incharge
Yoga meditation	21/06/2017	75	SRC incharge
Personal Counselling	17/06/2017	600	Teacher Guardian
Softskill Development	14/12/2017	24	Training and placement
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Study International Education	45	45	1	0
2018	Guidance of Gate Examination	85	85	2	0
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Q spider, TATA Strive	124	54	Analyser I Pack SKYLEX Technologies Pvt. Ltd. HDFC Bank TATA AIG Syntel Leotechsa Robotics Pvt. Ltd. Sandvik Asia Shaws Toyota	40	23

Sanjay
Hyundai
Kothari
Wheels Ethix
Honda
Concord
Motors

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	1	BE	Mechanical	College of Engineering Manjari	MBA

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

Items	Number of students selected/ qualifying
GATE	2

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

Activity	Level	Number of Participants
Ganapati Utsav	College Level	15
Youth Day celebration	College Level	20
Confluence18	College Level	100
Purushottam Karandak	University Level	15
Sarpotdar Karandak	Pune District Level	5
MarutiSuzuku And Auditions "Colors of Youth"Auditions	Pune City Engineering College Levels	5
Annual sports day (10 events)	Inter class	378

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	NIL	Internatio nal	0	0	0	0

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

Activity of Student Council representation of students on academic administrative bodies/committees of the institution (maximum 500 words): Yes, as per the UGC act 1994 (40/2/B) Students Council is established in year 2012. It is formulated every year. The student's council consists of one faculty member from each department, Class Representatives (CRs/LRs) from all departments. All these members are selected / elected by the guidelines given by SPPU. The objectives of forming student council are to: • Organize institute level / department level events • Improve academics, cocurricular, cultural and extracurricular activities • Motivate the students for teamwork. • Acquire leadership qualities • Organize national or university level technical symposium like FUTURIZM. • Motivate students to participate in technical and soft skill events • Celebrate of Independence Day, Republic Day, Teacher Day Engineers Day. • Organize blood donation camp, tree plantation, voter's awareness programs etc. • To organize University level activities. The students representatives serve in almost all academic and administrative bodies of the Institute such as departmental board of studies, departmental associations and various clubs, student's council, Anti Ragging Cell, etc. The various Institutional and departmental associations/bodies formed as follows: • Students Council: Consist of UR, GS, SS,CS ,LR and CRs • INSA: Instrumentation Control Engineering Students Association • MESA : Mechanical Engineering Students Association • CESA: Computer Engineering Students Association • EESA : Electronics Engineering Students Association • ITSA: Information Technology Students Association • Cultural committee, Sports Committee. • NSS Committee as per SPPU • Robo club • Magazine Committee and The News Letter Committee (TCT) • Antiragging Committee and Antiragging squad • Welcome to fresher's ,Celebration of different days, Farewell to graduates

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

YES, Legal Registration of the Association is in process. Aims Objectives of Alumni Association: Arrange the Meetings of this association arrange twice a year. The alumni have been working in their capacities in the interest of the college. 1) Guidance to Students - for career planning, current requires skills and scope in industry. 2) Practical Training - Alumina support to students for provides practical training by summer internship or take assistant for project. 3) Mock Interview Alumina support to students for take mock interview and guidance to students for the campus interview preparation. 4) Help for Marketing - Promote College by mouth publicity, suggest to other people or references and by social and professional networks. 5) Bridge between College and Industry - Alumina support to college for R D Activity, Testing and Consultancy 6) Support by Award and Prizes - Start different Awards and Prize for students who achieve the excellence in academic, Sports and cultural 7) Provide support to college by - Donating Books, Contribution for Infrastructure, Sports Equipments, or establish the Lab. 8) Keep alumni update about news, events, talks, workshops, post pictures videos of institute, events, workshops etc. A monthly or quarterly newsletter can be helpful for alumni to be aware of the updates.

5.4.2 – No. of enrolled Alumni:

167

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

213890

5.4.4 – Meetings/activities organized by Alumni Association :

One Meeting was organised during 201718 of Alumni Association

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

Decentralisation participative management is achieved in College by following ways 1) Principal, Deans and Head of Departments The Principal and deans are involved in overlooking the implementation of the plans of the College. They ensure that regular day to day operations are properly conducted, through feedback from teaching and nonteaching staff. Heads of Departments. Appointment of Deans: a) Dean Student Welfare -Prof. S.A. Patil b) Dean Academics-Prof. D. O. Patil c) Dean Administration (Office)-Mr. M. C. Vaidya The Heads of Departments ensure that the plans communicated to them by the Principal are implemented systematically through the Teaching Supporting Staff along with students. Following are the posts of Head of the Departments: Computer Engineering, IT Engineering, Electronics Engineering, Instrumentation Control Engineering, Mechanical Engineering, MBA, Sports Gymkhana, Training Placement Department, Library Department etc. 2) Committees/Portfolios for cocurricular and extracurricular activities The committees/portfolios are formed at the beginning of the year and are assigned the tasks according to the institutional plans, for the co curricular activities. It involves each every Teaching NonTeaching Staff members and also the students to work for the various activities in the College throughout the year. It ensures that every person in the College participates at his/her own level to make plans and their implementation of the various activities like technical events, cultural events etc. WORKING COMMITEES/PORTFOLIOS For the smooth conduct of all administrative activities according to requirements of academic bodies and government rules, there are committees headed by senior faculty to guide the function. All the different committees perform their role as and when needed to ensure the smooth flow. The various committees/portfolios for internal coordination and monitoring are as: 1) Quality Management System Committee 2) Student Representative Council Committee 3) First Year Direct Second Year Admission Committee 4) Higher Classes Admission Committee 5) Training Placement, Entrepreneurship Development Industry Institute Interaction Committee 6) Library Committee 7) Time Table Execution T. G. S. Academic Activities Committee 8) C.E.O. All Examination Term Work Committee 9) ISTE Staff Chapter Committee 10) ISTE Student Chapter Committee 11) Electrical Maintenance Committee 12) Garden Civil Maintenance , Cleaning Water Supply Committee 13) Campus Networking Internet Telephone Repair Committee 14) Off - Line Security Committee 15) Alumni Affairs Committee 16) Cultural Committee 17) Staff Students Grievances Committee 18) Staff Student Welfare Committee 19) ETH Committee 20) Anti - Ragging / Anti - Ragging Squad Committee 21) AICTE / DTE/AISHE/RUSA/NIRF/University Other Proposals 22) Research proposals Consultancy MOUs Various Grants Committee 23) NBA/NAAC/ Committee 24) FUTURIZM - Committee 25) NSS 26) Vishakha Women's Grievance Ombudsman Committee 27) Website Committee 28) College Magazine 29) Canteen Committee 30) Admission Campaign Committee 31) Hostel Committee 32) Photography , Press Publicity 33) Discipline Committee.

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

Partial

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	Curriculum Development: Since the Institute is affiliated to SPP University, it adheres to the syllabus and curriculum plans of the parent University. Internal Evaluation is based on Internal Examination and the policies framed at Institute Level.
Teaching and Learning	The time period given for the Teaching Learning Process is as prescribed by the parent University. Every subject teachers plans his / her lectures/practical as per the Academic Calendar of the College and follows the same plan throughout the Semester.
Examination and Evaluation	University conducts Online Theory Examination for all the affiliated Colleges and College conducts Internal Exams for internal assessment. University Results are analysed after every semester. The required measures are taken based on the analysed results.
Research and Development	For Research and Development promotion, IQAC College Management has approached various agencies for the funding through the grants available from BCUD of Pune University, AICTE, Dept of Science Technology. The numbers of such proposals have increased as compared to earlier years. The Teaching staff students continuously publish their Research Works in various National, International Journals and Conferences. Also, the Teachers who have completed their Ph. D. have also applied with SPPU and other Universities for permission to work as Research Guide, which will help college to increase Research and Development projects.
Library, ICT and Physical Infrastructure / Instrumentation	Library, ICT and Physical Infrastructure / Instrumentation: College has formed the requisite committees for enhancement of Library, ICT Facilities in the Laboratories. Every year the Departments provide the Library with the list of Reference books as per the SPPU syllabus and as per the budgets, management approvals and the available funds, the Library department makes the purchases. The same is the process adopted by the Department for up gradation of the Equipment and purchase of new equipment.

Human Resource Management	Every year the College allows and provides financial assistance to faculties for enhancement of their skills and knowledge. PDEA as well as College have separate forms to evaluate the performance of each and every staff member of the College. Based on their results feedbacks awards are given to achievers and advises are given to low performers to improve their performances, there is a provision to take disciplinary actions against poor performances
Industry Interaction / Collaboration	College has a fully fledged Industry Institute Partnership Cell (IIPC) to have regular interaction and joints programmes with the local Industry. Every year Industrial Visits, Guest Lectures, Training programmes are conducted in the college with Experts invited from the Industry. College ensures that Students must get familiar with the current trends expectation form the Industry along with their regular curriculum.
Admission of Students	Every Year College has a budget to be spent on the admission promotion activities. As per the mission of our parent organisation, PDEA, the College focuses more on the rural areas of the Pune and adjoining districts of Maharashtra state. As per the rules of the Directorate of Technical Education Maharashtra, 80 percent seats are filled by the Centralised Admission Procedure of State Directorate of Technical Education and College has a Management quota of 20 percent seats.

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

E-governance area	Details
Planning and Development	Not implemented
Administration	Not implemented
Finance and Accounts	ETH and Tally 7.0 web platform of parent trust Pune District Education Association.
Student Admission and Support	ETH (ERP Software)
Examination	Mock online exams are conducted on the Software developed by the students teachers of the College.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Prof S. S. Shirsat	5 days STTP on 3 D Printing (3 March 2018)	GH Raison College of Engineering, Pune	1200
2017	Prof. S. A. Patil	1 Week National Workshop on Advanced Techniques in Vibration Sound Measurement (11 to 15 December 2017)	Trinity College of Engineering, Pune	1200
2017	Prof. A. A. Bamanikar	2 days FDP on Web Technologies (13 to 15 December 2017)	DY Patil COE, Akurdi, Pune	800
2017	Prof. A. B. Gadewar	FDP on TE (IT) 2015 Course (sem1) Theory Laboratory Course Conduction (13 June 2017)	Cummins College of Engineering for Women, Pune	500
2017	Prof. R. M. Kawale	FDP on TE (IT) 2015 Course (sem1) Theory Laboratory Course Conduction (13 June 2017)	Cummins College of Engineering for Women, Pune	500
2017	Prof. D. A. Kamble	QIP on IC Engines Theory Practices (05 Feb 2017)	Vishwakarma Institute of Infor. Technology, Pune	1200
2017	Prof. Shalu Saraswat	FDP on TE (IT) 2015 Course (sem1) Theory Laboratory Course Conduction (13 June 2017)	Cummins College of Engineering for Women, Pune	500
2017	Prof. Madhuri Hingane	2 days Workshop on Advanced Java Mobile Applications (7 8 July 2017)	SKN Sinhgad Institute of Science, Lonavala, Pune	400
2017	Prof. A.B. Gadewar	Orientation Faculty Development	Zeal College of Engineering Research, Pune	500

		Program. (6 December 2017)		
2017	Prof. R. M. Kawale	Orientation Faculty Development Program. (6 December 2017)	Zeal College of Engineering Research, Pune	500
2017	Prof. S. B. Kamble	AICTE ISTE approved Short Term Training Program on Analog, Digital Communication and Wireless Network (12 16 December 2017)	Zeal College of Engineering Research, Pune	1500
View File				

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2017	Pedagogy for Online Blended Teaching Learning	Pedagogy for Online Blended Teaching Learning	14/09/2017	15/09/2017	10	2
2017	Foundation Program in ICT for Education – Teachers	NA	20/02/2017	20/02/2017	26	0
2017	Cloud Computing	Cloud Computing	29/07/2017	29/07/2017	34	4
2017	Hands on exposure to MySQL MongoDB	Hands on exposure to MySQL MongoDB	04/10/2017	04/10/2017	23	2
2018	Machine Learning for Data Science	Machine Learning for Data Science	06/02/2018	07/02/2018	38	8
2018	Microprocessor Lab	Microprocessor Lab	26/03/2018	26/03/2018	27	6
2018	Java Technology	Java Technology	24/04/2018	24/04/2018	28	3
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
FDP on TE (IT) 2015 Course (sem1) Theory Laboratory Course Conduction (13 June 2017)	3	13/06/2017	13/06/2017	1
2 days Workshop on Advanced Java Mobile Applications (7 8 July 2017)	1	07/07/2017	08/07/2017	2
Cloud Computing	34	29/07/2017	29/07/2017	1
Foundation Program in ICT for Education - Teachers	28	03/08/2017	03/08/2017	1
Pedagogy for Online Blended Teaching Learning	10	14/09/2017	14/09/2017	1
Hands on exposure to MySQL MongoDB	23	04/10/2017	04/10/2017	1
Orientation Faculty Development Program. (6 December 2017)	2	06/12/2017	06/12/2017	1
1 Week National Workshop on Advanced Techniques in Vibration Sound Measurement (11 15 December 2017)	1	11/12/2017	15/12/2017	5
AICTE ISTE approved Short Term Training Program on Analog, Digital Communication and Wireless Network (12 16 December 2017)	1	12/12/2017	16/12/2017	5
Machine	38	06/02/2018	07/02/2018	2

Learning for Data Science				
Microprocessor Lab	27	26/03/2018	26/03/2018	1
Java Technology	28	24/04/2018	24/04/2018	1
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
40	64	54	58

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Gratuity Scheme, Personal Insurance	Gratuity Scheme, Personal Insurance	Insurance Scheme of PDEA SPPU

6.4 – Financial Management and Resource Mobilization

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

(A) Yes, The internal audit takes place in the Institute in every 6 - months by the Internal Auditors appointed by parent organisation PDEA. The Audit report is presented in front of Management Official in the College Development Committee (CDC) Meeting. Any flaw or lacuna is discussed in this meeting. Management keeps strict check on utilization of funds by following method: 1. For every bank withdrawal or payment release it is compulsory to take signature of Management official on cheque along with the sign of the Principal. 2. For expenditure, the College needs to take prior permission from Management. 3. For release of such payments, the cheques are verified by the Internal Auditors including the prior permission letter. 4. After check and sign of the Auditor the Management authorized signatory signs the cheque. (B) External Audit is performed by the Management appointed authorized agency at the end of the every financial year and the report is presented in front of Management in CDC.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Pune District Central Cooperative Bank Limited	50000	For the purchase of Books and equipping the Library with CCTV Surveillance System
View File		

6.4.3 – Total corpus fund generated

50000

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No		Yes	PRINCIPAL

Administrative	No		Yes	PRINCIPAL
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6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1) Parent Teacher Scheme has been well implemented in the College. College always remains in touch with the parent with this TGS Scheme. In every Semester College informs the parents about their attendances results in the Internal University Exams. 2) Students having attendance less than 75 are treated separately their parents are informed about their attendances and are asked to meet the concerned class teacher the HOD. 3) Parents students are asked to give a combined undertaking that. in within remaining Teaching Learning period, the student will attend the enough lectures to overcome the gap in over all semester end attendance.

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

1. Programme on Soft Skill Development 2. Programme on Communication skills. 3. Personality Development Programme

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

1) Curriculum Enrichment 2) Seminar / Workshop / Conferences / Faculty Development Programs organization : 3) Technical / Extracurricular / Sports clubs formation 4) Project / Paper presentations Competitions 5) Extension activities under NSS

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2017	Pedagogy for Online Blended Teaching Learning	14/09/2017	14/09/2017	17/09/2017	10
2017	Foundation Program in ICT for Education	03/08/2017	03/08/2017	07/08/2017	26
2017	College to Corporate Program Workplace Communication	07/09/2017	07/09/2017	07/09/2017	16
2017	College to Corporate Program Soft skills	07/09/2017	07/09/2017	07/09/2017	16
2017	Cycle Rally	23/09/2017	23/09/2017	23/09/2017	50
2017	Blood	31/07/2017	31/07/2017	31/07/2017	80

	donation camp				
2017	Teachers Day	05/09/2017	05/09/2017	05/09/2017	74
2017	Mahatma Gandhi Jayanti	02/10/2017	02/10/2017	02/10/2017	56
2018	Advanced PLC	15/01/2018	15/01/2018	15/01/2018	16
2018	College to Corporate Program Financial Literacy	23/01/2018	23/01/2018	23/01/2018	23
2018	Road Safety Seminar	01/02/2018	01/02/2018	01/02/2018	70
2018	Yuvak Din	12/01/2018	12/01/2018	12/01/2018	64
2018	Shiv Jayanti	19/02/2018	19/02/2018	19/02/2018	43
2018	College to Corporate Program Technical skills	20/02/2018	20/02/2018	20/02/2018	18
2018	CAE/CAD Training	03/03/2018	03/03/2018	03/03/2018	12
2018	Importance of Girls for society family	15/03/2018	15/03/2018	15/03/2018	90
2018	Save Girl Child	20/03/2018	20/03/2018	20/03/2018	98
2018	Need of Women Empowerment	20/03/2018	20/03/2018	20/03/2018	60

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
.Challenges for Girls in Today's Life	15/03/2018	15/03/2018	90	0
Importance of Girls for society & family	15/03/2018	15/03/2018	90	0
Save Girl Child	20/03/2018	20/03/2018	53	45
Need of Women Empowerment	20/03/2018	20/03/2018	60	0

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

Percentage of power requirement of the University met by the renewable energy sources

Each floor and block of our college has separate power controls panels, to help to control energy consumption. we conserve energy by using lights like CFL, LED lights. Energy conservation display board have been placed in each and every classroom and Labs

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Ramp/Rails	Yes	0
Rest Rooms	Yes	0
Braille Software/facilities	No	0
Scribes for examination	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2017	1	1	31/07/2017	1	Blood donation camp	Organised blood donation camp in the college	80
2017	1	1	16/08/2017	1	PATHNATYA for special CHILDREN	Creating awareness in special children in Manjari	40
2017	1	1	23/09/2017	1	Cycle rally	NSS Students create voting Awareness by organising Cycle rally	50
2017	1	1	01/02/2018	1	Seminar	Organised various programmes under Road Safety	70

2017	1	1	05/02/2018	1	World Cancer Day	Awareness Regarding Tobacco ,Gutakha	44
2017	1	1	17/02/2018	1	Health checkup camp	Organised Health checkup camp for Teachers students	45

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

Title	Date of publication	Follow up(max 100 words)
Code of Conduct	15/06/2017	<p>After joining the organization PDEA Employee an employee should follow and abide by the following professional ethics. a. He/She shall have to qualify the NET or the SET or similar test (as the case may be) laid down by the University or state Government/UGC or the Central Council pertaining to your faculty within the stipulated period. He/She shall have to acquire the qualifications. b. (M. Phil. / Ph.D., M.E. etc.) as prescribed by the university/State Govt. or the Central Councils concerned within the specific period. 1. His/Her appointment is subject to the minimum number of students and the workload prescribed for the post. 2. He/She shall submit the originals as well as certified true copies of relevant testimonials such as birth date certificate, marksheets, experience certificate, discharge/relieving certificate, last Pay certificate, Caste certificate, change of name certificate(if any),etc. before joining your duties. 3. In case He/She accepts the</p>

appointment you shall have to execute Deed of contract of service as prescribed in the Statutes at the time of joining the duties. 4. He/She shall undergo medical examination by the approved Medical Officer or by the Civil Surgeon at the place of your duty, within three months from the date of joining the duties. 5. He/She required to give the correct mailing address as soon as he/she join the duties and any change in the address given earlier should be Communicate to the Principal. 6. He/She will not conduct or engage him/her self in any private tuitions or private coaching classes. 7. He/She will not engage yourself in any other job paid fulltime, parttime or otherwise, during the continuance of your service, without the permission of the competent authority /Management. 8. His/Her services are transferable to any other colleges/institutions run by the Management. 9. If He/She found absent continuously for more than thirty days without permission his/her services will stand terminated automatically. If he/she found guilty of violation of any terms and conditions mentioned above he/she will be liable for disciplinary action and punishment decided by the management as provided for in the statutes. During the period of service he/she shall not directly or indirectly do such things which are subversive to

the interests of the Society/Universities/Institutes/College/Students.

Uniform and Icard: 1. The staff should wear uniform on every Monday and Thursday. Identity card is also compulsory in college premises. If any particular staff member is found not wearing uniform, disciplinary action is taken against him / her. Initially verbal warning is given to the staff member. If repeated incidences occur written letter is issued to him/her. Late arrival: Faculty and Staff members are expected to report on duty 05 Minutes prior to reporting time on all working days. 15 Minutes delay is permissible. For 3 late arrivals one day leave is considered.

Repeated incidences of late arrival is recorded in personal file and attracts negative points in performance evaluation

Movement Entries: Each faculty/ staff shall have to make an entry in the movement register while leaving the premises and returning back, during working hours mentioning the purpose, time in and time out. It is also required to do biometric checking and checkout while moving. <http://www.pdeacoem.org/downloadpublicdocument?hdid190>

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
1. College Cleaning on Independence Day	14/08/2017	14/08/2017	35
2. Teacher's Day	05/09/2017	05/09/2017	74
3. Mahatma Gandhi Jayanti Celebration	03/10/2017	03/10/2017	56
4. Yuvak Din	12/01/2018	12/01/2018	64

5. Shivjayanti Program	19/02/2018	19/02/2018	43
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

The following Seven initiatives have been taken by our institute: A. Energy conservation: Program of electricity awareness at the Institute level to spread awareness about efficient use of electricity. Energy audit of college as well as campus has been done. While designing the buildings, the care has been taken to fetch maximum benefit from natural resources, like wind, sunlight to reduce consumption of electricity. The use of transparent glass window provides maximum sunlight to classrooms and Laboratories. Energy conservation display boards have been placed in each every classroom labs. Power factor is maintained close to unity. We have Centralized UPS systems for computers .Generator is placed away from classroom, to minimize noise pollution. B. Use of Renewable Energy: • Solar panels have been installed on the rooftop of Girls Hostel as well as Boys Hostel. • Solar mobile chargers are also available in campus to charge the mobile phones. • Wind mill model promotes use of alternative Energy sources in a campus. C. Rain Water Harvesting: For improvement of ground water level, Institute has Rain Water Harvesting in the campus. D. Efforts for Carbon Neutrality: Sufficient plantation on the campus has helped to increase green cover and keep the campus pollution free. Organic waste, generated from garden, is converted into compost instead of burning. Compost, so produced, is used as a fertilizer for the campus garden, thereby increasing reutilization. Waste paper generated is sold to vendor for recycling. Paper usage is minimized by printing on both sides of papers. Inter department correspondence is made through emails. In our college campus, plastic bags are not entertained. PUC Testing: The PUC testing centre for vehicles at Mechanical Engineering Department is started in 201314 and it is approved by RTO Pune. A compulsory insurance coverage is mandated by the Motor Vehicles Act, 1988 the PUC Certification, also compulsory, is mandated by the Central Motor Vehicle Rule, 1989. E. Tree Plantation: Major area of campus is covered with plants lawns. Various types of plants include medical plants like, bottle palm, Hibiscus Rosa sinesis, Vitexnegundo, etc. The flowers and leaves of these plants are combined to make inhouse bouquets for felicitation of Guest who visits the Institute. College runs a Nursery which contains numerous ecofriendly plants. These plants are used by college as well as other people also. F. Irrigation System: As college has most of area covered by greenery, irrigation to all this plants as well as Lawn is done by more number of sprinklers. Due to this large amount of water saving is done.. G. Temperature/ Humidity Indicator: This system is available with college for indicating temperature and humidity in environment to aware global warming.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

The institute has different cells like Teacher Guardian Scheme (TGS) and National Service Scheme (NSS) Teacher Guardian Scheme (TGS): It is for continuous academic monitoring as well as providing support system to guide and motivate the students.

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

<http://pdeacoem.org/downloadpublicdocument?hdid=166>

7.3 – Institutional Distinctiveness

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

Through rigorous planning and management, the institution focuses at delivering to the best of it's abilities the vision of the college. It has been a matter of utmost importance to provide the best education possible to students who deserve it. Through several institutional practices, we tries to make this journey as easy as possible for everyone. One of the most important steps taken at the institution was the establishment of the Entrepreneurship Development Centre (EDC) in the campus. The construction of this centre was a step taken by the college to prepare the students for their future journey as entrepreneurs.

With a distinctive vision of providing a path for young minds to follow and develop their skills, the Entrepreneurship Development Centre (EDC) is one it's it kind. Allowing them to pursue their dreams along with a sense of direction, the EDC helps those with a view to shape the global economy. It facilitates the ideas and recommendations of today's youth and allows them to transform these ideas into upcoming venture by providing them the necessary resources to execute their wellthought out plans in the future. It aims at assisting the students to implement their ideas without apprehensions. The following objectives were set for EDC Create awareness on Entrepreneurship among the students through training programs and campus events • To identify and motivate budding entrepreneurs • To facilitate budding entrepreneurs by providing information on entrepreneurial opportunities • To create data base and networking to help entrepreneurs • To assist entrepreneurs in product development The following functions are carried out by the EDC : • To organize Entrepreneurship Awareness Camps, Entrepreneurship Development Programs and Faculty Development Programs in the region . Received Rs.1 Lakh for arrangement of 05 Nos. Entrepreneurship Awareness Camps under DST NIMAT - 2017/2018.

Provide the weblink of the institution

<http://pdeacoem.org/downloadpublicdocument?hdid=166>

8.Future Plans of Actions for Next Academic Year

IQAC has gathered the feedback from all the stake holders frequently and have analysed it. The analysis was presented among the meetings, and suggestions were sought from all parties involved to improvise the existing system. The quality initiatives proposed by IQAC for academic year 2018:2019 are enlisted as follows: 1 To enrich UG other educational Programmes 2 To promote advancement of knowledge technology 3 To provide testing consultancy 4 To evolve sustainable partnership with industry and profession 5 To enhance faculty/staff skills knowledge 6 To focus on developing PDEACOEM as favourable destination of industries for recruitment training of competent manpower 7 To continuously upgrade the learning environment 8 To impart value based education 9 To enhance the activities of the administration section through catering various needs of the staff 10 To promote and develop the sports spirit among the students 11 To provide comfortable stay to the students with excellent atmosphere for the students 12 To perform preventive /Breakdown Maintenance in the college. Performance Indicators identified against the quality objectives are: Course coverage, Student feedback, Result analysis, Sponsored Projects, Publications, RD projects, Consultancy assignments undertaken by faculty, Effective MoUs with Industry, Encourage to improve qualification, In house skill development programs, Participation in activities outside campus, Training placement activities, Library up gradation, e learning facility, NSS activities, SoP for administrative work, eoffice, Students participation at college /University /State/ National level sports events, Hostel monitoring, Preventive regular infrastructure maintenance. Target set for these quality objectives for the next academic year is as follows: 100 percent course coverage, 100 percent students' feedback, 100 percent result across all courses of UG PG, Applying to different agencies for grants, Industry Institute interactions resulting in sponsored projects, Publications at National / International level, Promoting culture to establish industry linkages for

consultancy assignments, MoUs with industries for technical knowledge sharing, internship opportunities for students, placement assistance, Encouragement for qualification improvements, Organization of FDPs / Seminars / Conferences, Faculty students participation in events across University/State/Nation, Training activities for every department, 100 percent placement for final year students, Increase in number of Titles and volumes as per AICTE , e library facility, On line journal subscription, 24X7 library facility for students , Special programs for society , NSS camp, Standard operation procedure finalization for administrative work, Automation of administrative work, Maximum students participation at college level during sport's week, Students representation at University level teams, Representation at PDEA Sport's meet, Hostel monitoring on regular basis, Mess facility quality check, AMC for Water coolers, AMC for Garden , Rain water harvesting, Plumbing/ Furniture / Electrical inhouse maintenance. The respective Head of Departments, Portfolio Incharges are given the responsibility to monthly review the target achievements. The challenges towards achieving targets will be addressed in IQAC quartely meetings and remedial measures will be suggested.