



Yearly Status Report - 2018-2019

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.	020-26996275
Mobile no.	9850660498
Registered Email	coem@pdeapune.org
Alternate Email	rvpatil3475@yahoo.com
Address	Pune District Education Associations College Of Engineering, Manjari(bk), Near VSI, Hadapsar-Wagholi Road, Manjari(bk), Pune 412307
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/downloadpublicdocument?hdid=207																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.pdeacoem.org/downloadacademiccalender?acid=22																		
5. Accrediation 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 Accrediation</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 Accrediation	Validity		Period From	Period To	1	B+	2.54	2017	30-Oct-2017	29-Oct-2022
Cycle	Grade	CGPA	Year of Accrediation	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																			
<table border="1"> <tr> <td>Quality initiatives by IQAC during the year for promoting quality culture</td> </tr> </table>		Quality initiatives by IQAC during the year for promoting quality culture																	
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
Machine Learning	04-Feb-2019 1	50
How to tackel with stress	07-Feb-2019 1	60
Cyber Security	09-Feb-2019 1	50
Embeddedd system & IOT	14-Feb-2019 1	65
System Programming	26-Feb-2019 1	46
Womens Day	08-Mar-2019 1	20
Disaster Management	18-Mar-2019 2	60
Require IT Skills for IT Employment	18-Jul-2018 1	29
Seminar on C, C Java	02-Aug-2019 1	30
Guidance on competitive examination	19-Mar-2019 1	70
Guidance on Gate examination	19-Mar-2019 1	72
NSS, Tree Plantation	05-Jun-2018 1	34
NSS, Blood Donation Program	19-Jul-2018 1	50
NSS, Health Checkup Camp	19-Jul-2018 1	52
NSS Week Celebration	20-Sep-2018 1	86
NSS's Swachha Bharat Abhiyan	02-Oct-2018 1	52
NSS's Swachha Bharat Pledge Programme	02-Oct-2018 1	52
NSS, National Youth Day	12-Jan-2019 1	28
NSS, Shivjayanti	19-Feb-2019 1	75
Seminar on Cyber Saksharta at AM College, Hadapsar	05-Oct-2018 1	224
Seminar on Cyber Saksharta at Mahatma Phule Institute of Management	08-Oct-2018 1	35
Seminar on Cyber	08-Oct-2018	57

Saksharta at Law College, hadapsar	1	
Seminar on Cyber Saksharta at Shri Mhalasakant Jr college Akurdi	12-Oct-2018 1	225
Seminar on Cyber Saksharta at Mahtma Gandhi Jr. college UruliKanchan	13-Oct-2019 1	162
Seminar on Cyber Saksharta at Annasaheb Waghire college Saswad	17-Oct-2018 1	122
ITSA Annual Event SERENDIPITY 2019	21-Feb-2019 2	450
Drug Free India Campaign with Art of Living Group	18-Feb-2019 1	50
Lecture on Black hole and new inventions (Mr Omkar Pimpale and Shivam Tilekar) Science Club	05-Feb-2019 1	40
Seminar on How to overcome difficulties faced during an interview (Mr Akash Chandani)	28-Mar-2019 1	27
Guest Lecture on Introduction to Japanese Language (Ms Sakshi Dahale)	07-Feb-2019 1	40
Seminar on Cyber Suraksha (Mr Amey Tambe) Center of Excellence	27-Sep-2018 1	39
Seminar on Overseas Education Opportunities (Mr Amol Kawade) Edwise International Pune	03-Oct-2018 1	12
FDP on BE IT Course Semester II Syllabus Revision (All subjects)	28-Dec-2018 1	210
National level Paper Presentation Competition Futurizm	27-Feb-2019 2	100
National level Project competition Tantra	16-Mar-2019 1	120
Workshop in association with IIT Bombay Koha and Library Automation	11-Mar-2019 1	20
National level event Revolution	05-Mar-2019 2	60
One day Workshop on Moodle Learning	15-Mar-2019 1	45

Management System in
association with IIT
Bombay

**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
DST - NIMAT	DST NIMAT 201819	EDII, Gandhinagar, Ahmedabad	2019 1	60000
No Files Uploaded !!!				

**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] Improve Employability and Learning Outcomes of Students. 2] Enhance Industry
Institute and Society Institute Interactions

3] Augment Research and Development activities and Consultancy Services.

4] Empower and Motivate Employees for Improved Performance.

5] Expand Teaching Learning Facilities.

6] Implement Institutional Reforms.

[View File](#)

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	Achievements/Outcomes
To enrich UG other educational Programmes	100 percent course coverage in all departments for all years. Students feedback towards faculty is above 80. Final year result is average 90.
To promote advancement of knowledge & technology	Received grants/ financial assistance from BCUD for research projects, Student welfare shemes etc. Signed MoUs with different industries. Faculty have published papers at National/ International level.
To provide testing & consultancy	SoftTech Data Securities Pvt Ltd Center of Excellence in association with PDEA's College of Engineering, Manjari(Bk).
To evolve sustainable partnership with industry and profession	SoftTech Data Securities Pvt Ltd Center of Excellence in association with PDEA's College of Engineering, Manjari(Bk). Internship opportunities to students.
To enhance faculty/staff skills & knowledge	Organized FDPs at University level for all subjects of BE IT (2015 course).
To focus on developing PDEACOEM as favourable destination of industries for recruitment & training of competent manpower	Many training programs organized at college level. Placement ratio improved.
To continuously upgrade the learning environment	Books purchased asper revised syllabus. E-journal subscription for institute availe.
To impart value based education	Under NSS many programs organized to improve lifeskills of students community.
To enhance the activities of the administration section through catering various needs of the staff	New ERP introduced. For financial administration effective use of Tally in daily records.
To promote and develop the sports spirit among the students	Annual sports meet was a grand success with wholehearted participation of students fro all branches. Students also won medals at PDEA's Sports' meet.
To provide comfortable stay to the students with excellent atmosphere for the students	MoU with 3 private hostels (2 boys' and 1 girls' hostel) to provide nearby residence for students. Hostel committee even monitors the food quality and other facilities provided by hostel owners.
To perform preventive /Breakdown Maintenance in the college	AMC done with different agencies have prevented service interruption. In-house workshop staff does plumbing /

furniture / electrical etc maintenance work effectively.

[View File](#)

14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body

Meeting Date

College Development Committee

09-May-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

12-Feb-2019

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)

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

1. Administration:
 - 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.
2. User management:
 - 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

Proper implementation of the curriculum is accomplished with effective methodology and methods as follows- The affiliating University, Savitribai Phule Pune University prescribes the syllabus and the same is adopted by the affiliated colleges. The syllabus content delivery is through methodology devised by the college itself. The contemporary technical education is to empower the students with knowledge and make them competitive for challenging environment. All the Teaching staff prepare the following documents strictly for the assigned subjects as per the approved load distribution. Principal verify all the mentioned documents of the respective staff at any time randomly and ask for the presentation on any topic of theory and practical subjects. The

documents to be prepared every semester are enlisted below- 1) Attendance File for all the theory, practical and tutorial subjects. It should include College calendar, Subject structure, subject syllabus, individual time-table, teaching plan, attendance sheet, question papers etc. 2) Subject/Course File including the subject structure, subject syllabus, index, the handwritten notes of all the units, references etc. 3) Laboratory Manual of the respective practical subjects including the details of all practical's as per the university syllabus. 4) Power Point Presentations -All the unit for all the subjects. 5) E-Learning material (NPTEL Lecture CD, IIT Lectures etc.)- For the respective subjects. The academic calendar is displayed on the website and circulated among all stake holders well in advance. The teaching-learning process is keenly monitored by the concerned committee. Every faculty member is assigned a group of 20 students under Teacher-Guardian Scheme. The weekly meeting with students helps teachers to take cognizance of their difficulties and provide all possible help to rectify it. Parents are regularly communicated about student's performance in internal and university examinations. Teacher-Guardian also keeps track of the average attendance of the students. Weekly HoD meetings with Principal allows to discuss departmental academic issues regularly. The above-mentioned teaching-learning process helps students to study the curriculum effectively along with additional inputs relevant to technological advancement in view of the industry and the technical skill. Students are encouraged to showcase their innovative ideas associated with the course undertaken.

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
IoT	0	21/01/2019	30	Employability	IT Skill Development
Machine Learning	0	21/01/2019	30	Employability	IT Skill development
Block Chain Technology	0	17/03/2019	30	Employability	IT Skill development

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	Electronics & Telecommunication	01/06/2018
View File		

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
BE	Mechanical Engineering	15/06/2018
BE	Computer Engineering	15/06/2018
BE	Instrumentation & Control Engineering	15/06/2018
BE	Electronics & Telecommunication Engineering	15/06/2018

BE	Information Technology	15/06/2018
MBA	Master of Business Administration	02/07/2018

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

	Certificate	Diploma Course
Number of Students	17	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
Drone Technology	26/09/2018	15
HVAC Design and Drafting	09/10/2018	16
Machine Learning	04/02/2019	50
How to tackle with stress	07/02/2019	60
Cyber Security	09/02/2019	50
Embededd system IOT	14/02/2019	65
System Programming	26/02/2019	46
Require IT Skills for IT Employment	18/07/2018	29
Seminar on C, C Java	02/08/2019	30
Guidance on competitive examination	19/03/2019	72
Guidance on Gate examination	19/03/2019	70
Drug Free India Campaign with Art of Living Group	18/02/2019	50
Lecture on Black hole and new inventions (Mr Omkar Pimpale and Shivam Tilekar) Science Club	05/02/2019	40
Seminar on How to overcome difficulties faced during an interview (Mr Akash Chandani)	28/03/2019	27
Guest Lecture on Introduction to Japanese Language (Ms Sakshi Dahale)	07/02/2019	40
Seminar on Cyber Suraksha (Mr Amey Tambe) Center of Excellence	27/02/2019	39
Seminar on Overseas Education Opportunities (Mr Amol Kawade) Edwise International Pune	03/10/2018	12
One day Workshop on Moodle Learning	15/03/2019	45

Management System in association with IIT Bombay		
One day Workshop on Library Automation Software KOHain association with IIT Bombay	11/03/2019	20
Symposium on Internet of Things	15/09/2018	1
View File		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Mechanical Engineering	6
MBA	Master of Business Administration	44
View File		

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
<p>The institute have designed structured feedback questionnaire for all the stake holders 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,</p>

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) Cocurricular/ 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 Its observed from the earlier feedbacks received that, alumni are quite satisfied with the infrastructure facilities. The suggestions from stakeholders mainly focuses on to keep pace with the everchanging technology. IQAC planned an initiative for addon/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.

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	28	20
BE	Computer Enginneri	60	54	42
BE	Electronic & Telecommunication	60	21	10
BE	Instrumentation & Control	30	6	3
BE	Information Technology	30	32	18
MBA	Master of Business Adminitration	60	63	60

No file uploaded.

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	Number of students enrolled in the institution	Number of fulltime teachers available in the	Number of fulltime teachers available in the	Number of teachers teaching both UG
------	--	--	--	--	-------------------------------------

	(UG)	(PG)	institution teaching only UG courses	institution teaching only PG courses	and PG courses
2018	566	107	48	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
54	54	10	2	1	6

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

Teacher Guardian Scheme is the scheme in which we have assigned every student to a staff that will guide and try to help him/her throughout the year. In Teacher Guardian Scheme we make group of at most 20 students and assign them a Teacher as a Guardian for a year. There are weekly meetings among the Teacher Guardian and Student. This meeting is conducted with respective staff to discuss student's problems as well as facility issues in college. And these issues get discussed with HOD of each branch by the all the staff of that Department. Afterward, HOD discusses the problem or ideas of their department with the Principal. 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 probable reasons for the same. Teacher correlates the result with the categories of the student like disadvantaged sections of society, physically challenged, slow learners and economically weaker students. The Institute regularly communicates the marks obtained in the examination, as well as their attendance to the parents by TGS Letters. Every Teacher Guardian communicates with parent of student on regular basis to give and have information of that student. Teacher Guardian Scheme also conduct parents meet to have healthy communication between staff, parents and student department wise. The teacher guardian prepares the TGS Form of every student which contains all the information of student like Full Name, Permanent and Local Address, Fees Paid, his/her performance in examination 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 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
673	54	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	41	13	13	0

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
2018	Dr. R.V. Patil	Principal	Member, Board of Studies (Computer Engineering)

2019	Prof. Neerja Jain	Associate Professor	NPTEL Certificate (Elite)
2019	Prof. Manisha Kedari	Assistant Professor	NPTEL Certificate
2019	Prof. Ashvini Bamanikar	Assistant Professor	NPTEL Certificate
2019	Prof. Megha C. Pande	Assistant Professor	NPTEL Certificate
2019	Prof. Poonam L. Suryawanshi	Assistant Professor	NPTEL Certificate (EliteGold)
2019	Prof. Shalu Saraswat	Assistant Professor	NPTEL Certificate
2019	Prof. Sushama Kamble	Assistant Professor	NPTEL Certificate (Elite)
2019	Prof. Swati M. Bankar	Assistant Professor	NPTEL Certificate (Elite)
View File			

2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	EN6206	Sem VII	17/10/2018	01/02/2019
BE	EN6206	Sem VIII	08/04/2019	18/07/2019
MBA	MB6206	Sem III	17/11/2018	23/01/2019
BE	MB6206	Sem IV	01/05/2019	06/07/2019
View File				

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Reforms initiated on Continuous Internal Evolution (CIE) System at the Institutional level A) 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 followings: The evaluation parameters and methodology is finalized 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. 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 regarding schedule and structure of internal and SPPUs evaluation system through the college notice board. 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 practical oral examination. Students performance is assessed by weekly assessment / submission for practices and Insem Mock, Prelim/Endsem examination for Theory subjects. All this information is given to the parents through parentteacher meeting. The

letters are sent to the parents after each university examination and the marks and attendance is conveyed to the parents. 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 SPPU. 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 is a structured 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. 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. The results are displayed on the same day on the notice board and also conveyed to the parents. For TE and BE internal in semester examination of 30 mark is conducted as per the format of university. Student's performance is assessed continuously in practical slots for regular completion and understanding. The mid semester submission is part of the academic calendar where the submission of assignments is assessed at mid of every semester.

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, Parents meet, Alumni meet etc through the academic calendar. Academic calendar is prepared for every semester it is published before the commencement of the every 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 InSem examination is given for TE BE students followed by the schedule of SPPU Insem Exam Submission date of Seminar Report and Project report is given. 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	Number of students passed in final year examination	Pass Percentage

			examination		
620661210	BE	Mechanical Engineering	63	45	71
620637210	BE	Computer Engineering	55	53	96
620637210	BE	Electronics Engineering	11	11	100
620646610	BE	Instrumentation & Control	18	18	100
620624610	BE	Information Technology	13	9	69
620610110	MBA	Master of Business Administration	44	19	43
View File					

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=175>

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 the University	2	SPPU PUNE	74000	32670
Projects sponsored by the University	2	SPPU PUNE	190000	78500
Projects sponsored by the University	2	SPPU PUNE	74000	33850
Projects sponsored by the University	2	SPPU PUNE	75000	36256
Projects sponsored by the University	2	SPPU PUNE	100000	33255
View File				

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
Require IT Skills for IT	IT	07/11/2018

Employment		
Drone Technology	ALL DEPARTMENT	26/09/2018
Web Designing	IT	26/09/2019
Industrial Automation	MECHANICAL	10/11/2018
HVAC Design and Drafting	MECHANICAL	10/09/2018

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
ROBOSOCCER	Shailendra Tripathi	Bharat College of Engineering Kanhor Badlapur(W) Mumbai	25/03/2019	Technostorm 2K19
ROBOSOCCER	Sunny Bhosle	Bharat College of Engineering Kanhor Badlapur(W) Mumbai	25/03/2019	Technostorm 2K19
Robosot	Rima Vedpathak	VIIT COE PUNE	26/09/2018	Percetion2018
ROBOSOCCER	Saurab Sonawane	AISSMS COE PUNE	10/09/2018	SILICON FUSION
Robustus Bot Wrestling	Pratik Patil	COEP Pune	10/10/2018	MindsSpark18
ROBOSOCCER	Rahul Pardeshi	Government of India	01/07/2018	TECHNOXIAN18
ROBOSOCCER	Pratik Patil	Government of India	01/07/2018	TECHNOXIAN18
ROBOSOCCER	Saurabh Sonawane	Government of India	01/07/2018	TECHNOXIAN18
ROBOSOCCER	shalendra tripathi	Government of India	01/07/2018	TECHNOXIAN18
ROBORACE	Rahul perdeshi	Government of India	01/07/2018	TECHNOXIAN18
ROBOSOCCER	Rahul perdeshi	PICT pune	15/09/2018	ROBOLIGA
ROBOSOCCER	saurabh sonawane	PICT Pune	15/09/2018	ROBOLIGA
ROBOSOCCER	rushikesh thakare	PICT Pune	15/09/2018	ROBOLIGA
ROBOSOCCER	shailendra tripathi	PICT Pune	15/09/2018	ROBOLIGA
ROBOSOCCER	Saurabh sonawane	VJTI Mumbai	04/12/2018	TECHNOVANZA
Monster Arena	saurabh sonawane	VJTI Mumbai	04/12/2018	TECHNOVANZA
AQUABATTLE	Saurabh sonawane	VJTI Mumbai	04/12/2018	TECHNOVANZA

[View File](#)

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
NA	NA	NA	NA	NA	05/09/2018
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
8	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	COMPUTER	2	5.3
International	IT	1	4.3
National	IT	2	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
NA	0
No file uploaded.	

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
Review on Reliable Pattern Recognition with Machine Learning Techniques	Prof.P.L. Suryawanshi	Taylor Francis Online	2019	1	Taylor Francis Online	1
Usage Based Vehicle Insurance	Prof. B.S. Kankate	IJAREST	2019	1	IJAREST	1
Attribute base data sharing on cloud with time Transient	Prof.A.B.G adewar	IJSRD	2019	1	IJSRD	0

Mechanism						
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	2018	0	0	0
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	42	75	25
Presented papers	3	2	0	0
View File				

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
NSS Tree Plantation	SPPU PUNE	15	19
NSS Blood Donation Program	SPPU PUNE	19	31
NSS Health Checkup Camp	SPPU PUNE	37	15
NSS Week Celebration	SPPU PUNE	15	71
NSS National Youth Day	SPPU PUNE	13	15
NSS Shivjayanti	SPPU PUNE	24	51
View File			

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
NPTEL Online Certification	Certifiacte(Program ming In Java)PLS	IIT Kharagpur	1
NPTEL Online Certification	Certifiacte(Princip als of signal and system)SBK	IIT KANPUR	1
NPTEL Online Certification	Certifiacte(Compile r Design)AAB	IIT Kharagpur	1
NPTEL Online	Certifiacte(Solid	IIT KANPUR	1

Certification	state Chemistry)MSK		
NPTEL Online Certification	Certiacte(Principals of signal and system)MCP	IIT KANPUR	1
NPTEL Online Certification	Certiacte(Big Data Computing)NRJ	IIT Madras	1
NPTEL Online Certification	Certiacte(Programming In Java)NPJ	IIT KANPUR	1
NPTEL Online Certification	Certificate(IC Engine and Gas turbine(OPPimple))	IIT Guwahati	1
NPTEL Online Certification	Certiacte(Compiler Design)SS	IIT Kharagpur	1
NPTEL Online Certification	Certiacte(Digital Electronic Ckts)SMB)SMB	IIT Kharagpur	1
Member, Board of Studies (Computer Engineering)	Member, Board of Studies SPPU PUNE	SPPU PUNE	1
View File			

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 PUNE	NSS's, Swachha Bharat Abhiyan	2	53
NSS	SPPU PUNE	NSS's, Swachha Bharat Pledge Program	2	53
View File				

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Reasearch Project	Dr R.V.PATIL	SPPU PUNE	2
Reasearch Project	S.T.SANAMDIKAR	SPPU PUNE	2
Reasearch Project	M.C.PANDE	SPPU PUNE	2
Reasearch Project	R.B.RATHOD	SPPU PUNE	2
Reasearch Project	B.S.KANKATE	SPPU PUNE	2
View File			

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	Duration From	Duration To	Participant

		with contact details			
Internship done by MBA student Vijay Salve	Internship	Ace Kudale cars Pvt Ltd, Pune	01/06/2018	15/07/2018	Vijay Salve
Internship done by MBA student Supriya Waghmare	Internship	Vmake Visas Pvt.Ltd, Pune	01/06/2018	15/07/2018	Supriya Waghmare
Internship done by MBA student Snehal Gupta	Internship	Chartered Integrity Tax and Financial Services Pune	01/06/2018	15/07/2018	Snehal Gupta
Internship done by MBA student Suraj Deshmukh	Internship	Bharat Vikas Group, Pune	01/06/2018	15/07/2018	Suraj Deshmukh
Internship done by MBA student Parul arora	Internship	Wirtgen Group Pune	01/06/2018	15/07/2018	Parul arora
Internship done by MBA student Sagar Kadatkar	Internship	Kutwal Foods Pvt.Ltd. Shirur, Pune	01/06/2018	15/07/2018	Sagar Kadatkar
Internship done by MBA student Vishal Joshi	Internship	Anvi Enterprise Pune	01/06/2018	15/07/2018	Vishal Joshi
Insternship done by MBA student Ganesh Yuvraj Tamhane	Internship	Bhairavnath Industries, Pune	01/06/2018	15/07/2018	Ganesh Yuvraj Tamhane
Internship done by MBA student Bhausahab Dighe	Internship	Microtech Project Pvt.Ltd. Pune	01/06/2018	15/07/2018	Bhausahab Dighe
Internship done by MBA student Anant Samudre	Internship	Jai Malhar Rural Development Coop Bank, pune.	01/06/2018	15/07/2018	Anant Samudre
Internship done by MBA	Internship	Log E IT solutions, Pune	01/06/2018	15/07/2018	Priti Ghosh

student Priti Ghosh					
Internship done by MBA student Sachin Gadekar	Internship	Jain Irrigation Systems Pvt. Ltd,Jalgaon	01/06/2018	15/07/2018	Sachin Gadekar
Internship done by MBA student Sunil Mengal	Internship	Microtech Project Pvt.Ltd.Pune	01/06/2018	15/07/2018	Sunil Mengal
Internship done by MBA student Ketan Kakade	Internship	Softric Solutions and Financial Se rvices,Pune	01/06/2018	15/07/2018	Ketan Kakade
Internship done by MBA student Sachin Dahake	InternshipI	Magna Cosma Internationa l India Pvt.ltd,Pune	01/06/2018	15/07/2018	Sachin Dahake
Internship done by MBA student Ajit Tamhane	Internship	Sherya Infot ech,Pune	01/06/2018	15/07/2018	Ajit Tamhane
Internship done by MBA student Heena Tayade	Internship	Shankson ind ustriescWaluj, Aurangabad	01/06/2018	15/07/2018	Heena Tayade
Internship done by MBA student Priyanka Choudhari	Internship	SOI Industries Pvt.Ltd,Pune	01/06/2018	15/07/2018	Priyanka Choudhari
Internship done by MBA student Sachin Kukade	Internship	TATA Communi cations Ltd,Pune	01/06/2018	15/07/2018	Sachin Kukade
Insternship done by MBA student Vikas Pawar	Internship	AV Engineering Pune	01/06/2018	15/07/2018	Vikas Pawar
Internship done by MBA student Aakash Bihade	Internship	My World of Royal Palm,pune	01/06/2018	15/07/2018	Aakash Bihade
Internship done by MBA student Aditya Kale	Internship	Kadkomp systems pvt.ltd,Pune	01/06/2018	15/07/2018	Aditya Kale
Internship	Internship	Lear	01/06/2018	15/07/2018	Balasaheb

done by MBA student Balasaheb Kakade		Automotive India Pvt.Ltd,Pune			Kakade
Internship done by MBA student Sachin Shukla	Internship	Unison valves Pvt.ltd,Pune	01/06/2018	15/07/2018	Sachin Shukla
Internship done by MBA student Rani Shelar	Internship	Kadu Constructions Pvt.Ltd,Pune	01/06/2018	15/07/2018	Rani Shelar
Internship done by MBA student Nishant Patil	Internship	Kalyani Technologies,Ltd ,Pune	01/06/2018	15/07/2018	Nishant Patil
Internship done by MBA student Mayur Chavan	Internship	PIAGGIO Vehicles Pvt.Ltd,Pune	01/06/2018	15/07/2019	Mayur Chavan
Internship done by MBA student Sharayu Katu	Internship	SAARLOHA Advanced Materials,Pune	01/06/2018	15/07/2018	Sharayu Katu
Internship done by MBA student Suyash Sathe	Internship	Raje Agro Foods Pvt.Ltd	01/06/2018	15/07/2018	Suyash Sathe
Internship done by MBA student Chirag Gadiya	Internship	Bigg Bazar ,Abhiruchi Mall,Pune	01/06/2018	15/07/2018	InstChirag Gadiya
Internship done by MBA student Sanket Yadav	Internship	Datwyler pharma Packaging India Kesurdi Khandala MIDC,Satara	01/06/2018	15/07/2018	Sanket Yadav
Internship done by MBA student Somesh Suryawanshi	Internship	Poona radiators and oil coolers,Pune	01/06/2018	15/07/2018	Somesh Suryawanshi
Internship done by MBA student Ketan Newaskar	Internship	Radheya Machines Pvt.Ltd,Pune	01/06/2018	15/07/2018	InstKetan Newaskar
Internship	Internship	Kalyani	01/06/2018	15/07/2018	Shivanad

done by MBA student Shivanad Jatkar		Technologies Pvt.Ltd,Pune			Jatkar
Internship done by MBA student Priyadarshini Kotagi	Internship	Sky Integrated System,pune	01/06/2018	15/07/2018	InsternshPriyadarshini Kotagi
Internship done by MBA student Sandeep Wanchoo	Internship	Kirloskar Pneumatic company,Ltd,Pune	01/06/2018	15/07/2018	InsternshSandeep Wanchoo
Internship done by MBA student Aniket raul	Internship	Consulting Engineering Group Pune Consulting Engineering Group Pune	01/06/2018	15/07/2018	InsternshAniket raul
Internship done by MBA student Sangram Shitole	Internship	TVS Kalamkar Motors,Pune	01/06/2018	15/07/2018	InsSangram Shitole
Internship done by MBA student Rajkumar Hole	Internship	Viskan logistics pvt.ltd,pune	01/06/2018	15/07/2018	Rajkumar Hole
Internship done by MBA student Sanket Patil	Internship	Finolex Pipes,Pune	01/06/2018	15/07/2018	Sanket Patil
Internship done by MBA student Jagtap	Internship	TVS PUNE	01/06/2018	15/07/2018	Dikshant Jagtap

[View File](#)

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Value Though IT Solutions	15/10/2018	Training of Drone Technology Web Designing	25
Zerton	04/04/2018	Student Teacher Communication Purpose (Android APP)	25
IBS	01/04/2018	Preparation of GD,	48

		Presentation Personal Interview	
Global Talent Track	03/05/2018	Preparation of GD, Presentation Personal Interview	60
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
5	4.84

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Others	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	23754	932917	0	0	23754	932917
Reference Books	5339	326116	37	25578	5376	351694
e-Books	0	0	0	0	0	0
Journals	763	2402247	0	0	763	2402247
e-Journals	6	1829006	1	13570	7	1842576
Digital Database	0	0	0	0	0	0
CD & Video	648	0	0	0	648	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
View File						

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Prof. R. B. Rathod	Wordpress	Internet	15/07/2018
Prof. Niraja Jain	DataScience Big Data Analytics	MOODLE	18/03/2019

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	32	0
Added	0	0	0	0	0	0	0	0	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
Wordpress	https://rathodrb.wordpress.com

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
5.5	3.2	5	5.31

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	44	65305
Financial Support from Other Sources			
a) National	Social welfare scholarships and DTE scholarships	424	19901871
b) International	NIL	0	0
View File			

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Require IT Skills for IT Employment	11/07/2018	29	Pradip Batule (IT Professional)
Seminar on C, C Java	02/08/2018	30	Pradip Batule (IT Professional)
Aptitude Test Series: Java	06/09/2018	30	ITSA
Aptitude Test Series: Java	20/09/2018	30	ITSA
Aptitude Test Series: c plus plus	27/09/2018	30	ITSA
Aptitude Test Series: SQL	04/10/2018	30	ITSA
Aptitude Test Series: CSS, Java Script, PHP	11/10/2018	30	ITSA
Seminar on Data Analytics (Mr Mayur Palase)	31/08/2018	72	Anaxtura IT Services
Seminar on SDLC (Mrs Rashmi Shiradkar)	08/09/2018	50	DEUTSCHE BANK GROUP
Workshop on DBMS (Mr Sachin Kasliwal)	22/09/2018	34	John Deere

Seminar on Future Career Prospects for Engineers post Engineering Studies (Mr Satyajeeet Sahu)	27/09/2018	86	Ace Engineering Academy
Seminar on Cyber Suraksha (Mr Amey Tambe)	27/09/2018	39	Center of Excellence
Seminar on Overseas Education Opportunities (Mr Amol Kawade)	03/10/2018	12	Edwise International Pune
Guest lecture on Advanced Data structure	28/09/2018	14	Mrs.Swati shirke
Guest Lecture on Introduction to Japanese Language	07/02/2019	40	Ms Sakshi Dahale
Lecture on Black hole and new inventions (Mr Omkar Pimpale and Shivam Tilekar)	05/02/2019	40	Science Club
Drug Free India Campaign	18/02/2019	50	Art of living
Seminar on How to overcome difficulties faced during an interview (Mr Akash Chandani)	28/03/2019	27	ITSA
Drone Technology	26/09/2018	51	Value Though IT Solutions
Web Designing	26/09/2019	17	Value Though IT Solutions
Industrial Automation	10/11/2018	33	Sofcon India Pvt.Ltd
HVAC Design and Drafting	10/09/2018	59	Sofcon India Pvt. Ltd
Remedial class	03/09/2018	32	Teaching staff
Langague laboratory	15/06/2018	110	Lab incharge
Yoga meditation	26/01/2018	95	SRC incharge
Personal Counselling	17/06/2018	650	Teacher Guardian
View File			

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

Year	Name of the scheme	Number of benefited students for	Number of benefited students by	Number of students who have passed in	Number of students placed
------	--------------------	----------------------------------	---------------------------------	---------------------------------------	---------------------------

		competitive examination	career counseling activities	the comp. exam	
2019	Guidance on competitive examination	70	40	0	0
2019	Guidance on Gate examination	72	37	1	0
View File					

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
PEOL Technology Mumbai, Global Space Solutions, SKADA Technology, Qspider/Jspider, Software Testing and Software Development Mphasis, Technogrowth Software Solutions, Future NDT	258	42	Tech Mahindra, TCS, Infosys	7	5
View File					

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	BE	Instrumentation Control	University of Allahabad	M Tech
View File					

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

Items	Number of students selected/ qualifying
GATE	1
View File	

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

Activity	Level	Number of Participants
Annual sports day 10 events	Interclass	392
Rangoli and Mehandi Competition	College Level	10
Skit Competition	College Level	11
Singing and Dancing Competition	College Level	7
Dandiya Garaba Dance Competition	College Level	12
TIKTOK challenge and Poster making competition	College Level	6
Dance Competition 2019	College Level	6
Singing Competition 2019	College Level	5
Rangoli Competition 2019	College Level	10
Mehandi Competition 2019	College Level	5
SERENDIPITY 2019	Intercollegiate	450
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	NIL	National	0	0	0	NIL

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

Students Council 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 by the guidelines given by SPPU time to time. Student Council Structure Sr. no Designation 1 Principal Chairman 2 Student Development Officer Member 3 Senior Teacher Member 4 NSS Program Officer Member 5 Director of Physical Education Member 6 General secretary (Student) Member 7 Sports secretary (Student) Member 8 Cultural secretary (Student) Member 9 NSS secretary (Student) Member 10 Technical secretary (Student) Member 11 Treasurer (Student) Member 12 Lady Student Representative Member The Activities student council: • Convey student's problems to concern authority. • Organizes events in the college to improve academics, cocurricular, cultural and extracurricular activities. • Motivate the students for Student activities. • Improve leadership qualities. • Organize national or university level technical symposium like FUTURIZM. • Motivate students to participate in Technical and Cocurricular activities. • Celebration of national days, Teacher Day and

Engineers Day. • Organize blood donation camp, tree plantation and voter's awareness programs. Role in Academic and Administrative Bodies: Students are involved in academic as well as administrative bodies for decision making for betterment of students. viz departmental associations and various clubs, Anti Ragging Cell, organization of annual function, sports activities. There are some departmental bodies formed as follows. • 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 and Campus Film Society • NSS Committee as per SPPU • Robo club, Energy club, Auto 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 • Funding: There is no funding from any Government body. Institute bears all the expenses of the activities organized under students' council. Sometimes sponsorships are collected for conduction of various programs

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Legal Registration of the Association is in process. Contribution of Alumni Association to the Institution • To extend the help to the students of this college for placement and industrial training. • To act as a bridge between college and the industries for interaction on new developments in industries for different disciplines of engineering. • To assist the college students to promote R D activities, testing and consultancy. • To encourage the students from department by awarding prizes to meritorious students showing bright performance in the field of education, sports and cultural. • 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 and diversity, global citizenship. • Support a strong relationship between the Alumni Association 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 qualification and diverse prospective. • Generate invaluable word of mouth publicity of college among their social and professional networks. • 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 overall progress of the institution

5.4.2 – No. of enrolled Alumni:

376

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

376904

5.4.4 – Meetings/activities organized by Alumni Association :

One Meeting was organised during 2019 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)

PRINCIPAL: As per the Institutional Policy since the establishment, first of all the Pune District Education Association's Management appoints the Principal of the College as per the guidelines of Savitribai Phule Pune University (SPPU). The appointment is done through a rigorous interview process by the University appointed Panel in presence of Management Representatives. Once the candidate is selected for the post, his/her appointment is approved by the University by issuing an Appointment Approval Letter of the University and on that basis the Trust issues its own appointment order. Management passes on each and every right to Principal for smooth conduction of the activities of College, he is given the right to make the appointments in each and every department of the College as per the need, he calls the candidates for the Interviews and Interviews are conducted by the panel appointed by the Principal (if the appointment is for the UGC posts, the SPPU appoints the panel) with one Management Representative. The Principal has the right to choose the candidate after recommendation by the panel and accordingly the list of shortlisted candidates is sent to the HO of PDEA and the Appointment Orders are issued by the PDEA. **Head of the Departments:** The Principal at the beginning of the year, the senior most member of each department, appoints a Head to all the Departments. All the HODs are provided with the requisite rights for smooth conduction of teaching - learning process. At the beginning of the Academic Year a HOD reviews the syllabus and assesses the number of teaching staff required for his department. He informs the Principal through a request Letter about the new recruitments required for his department. After this as per the instructions of Principal the HOD has the rights to form an Interviews panel with one or two subject experts from the other affiliated Colleges, other senior members of the department and the interviews are conducted in presence of the HOD, Principal and one Management Representative, on the recommendation of the panel HOD has the right to finalize the appropriate candidate(s) out of the list of the candidates short listed by the panel. After the appointment HOD has the right to assign the subjects and evaluate the performance of all the teaching staff members of the department. HOD also has the right assign the tasks for academic, administrative and other activities.

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	<p>1. Curriculum Development: The institution is affiliated to SPPU and so follows the syllabus prescribed by the same. The syllabus undergoes revision by the University as per the current technological advancements, trends and the Industry requirements. Faculty Members are encouraged to participate in the discussion and implementation of new syllabus through orientation programs organized by the University in association with various affiliated colleges. College also conducts such programs assigned/assisted by the University. A</p>

	<p>few Faculty Members have also participated in Syllabus setting process of the University.</p>
<p>Teaching and Learning</p>	<p>Effective teaching methods like, Interactive participative teaching to create interest in the students, power point presentations, and the similar techniques are used for the regular teaching - learning process.</p> <p>Assignments are given on theory and practical components. Mock interviews, group discussion and other training programs are made a part of the regular process to help students in placements. Unitwise Question banks and university Old question papers are discussed after completion of each Unit. In order to help the students, handson exposure, Industrial visits are regularly organized. Students are motivated by Faculty continuously to present and publish papers at national and international conferences and symposiums and College provides financial assistance to students for such activities. Faculties are encouraged and are given with financial assistance to regularly attend FDP's and Workshops to update their knowledge from time to time which helps in teaching learning process.</p>
<p>Examination and Evaluation</p>	<p>On the end of each semester Examinations are conducted and evaluated as per the norms of SPPU. SPPU arranges the Central Assessment Programme for evaluation of the Semester End Examinations the College always completes the target set by SPPU by sending the faculty member to CAP centers. University also undertakes InSemester Examinations for internal evaluation of students, the question papers are set and provided by the University and their evaluation is done the College itself. University also conducts the Online Examinations in every semester which is a compulsory part of the full evaluation process.</p>
<p>Research and Development</p>	<p>A separate Professor In charge (Research and Development) under the Dean R D is appointed to develop the research culture in the Institute. Funded projects are undertaken by the Institute which benefits the faculty and students to strengthen their research skills. Faculty are constantly encouraged to present research Papers</p>

in International and National Journals / Conferences. In this view, the faculty members are motivated to register for PhD.

Library, ICT and Physical Infrastructure / Instrumentation

Every year new books and journals are added in the Library as per the recommendations of faculty, students and the syllabus of the SPPU. DELNET, NPTEL software is also present in the library. Digital library has also been set up for the convenience of the students and staff to enable them to refer to ejournals. As per the Institute's own policy library never purchases the Text Books, which are published as per the SPPU syllabus, instead College encourages the faculties and students to use the standard reference books. Onsite use to Reference books Back volumes and Journals inside the library and the students allowed using the reading room before and after the regular college hours. Physical Infrastructure: The institute has adequate infrastructures which includes, seminar Halls equipped with projector with ample seating capacity, Faculty rooms, Meeting rooms, Office, Class rooms, Boys common rooms, Girls common rooms, Laboratories, equipped with necessary hardware and software, communication Laboratory, Library, Internet and WiFi facility in the entire building. Internet facilities: The Institute has got two dedicated Internet connections, viz., Reliance and BSNL with combined capacity of 30 Mbps for Students and Staff available 24 hour free to access. WiFi facilities: The Institute is also covered with a 24 hour WiFi network which is available for access throughout the College Building.

Human Resource Management

Priority is given for recruitment of competent faculty members to meet University's as well as College teaching objectives, helping them to realize their potential, appreciating the high performing faculty members and counseling low performing faculty members based on their Annual performance appraisal. In addition, training is arranged for teaching as well as nonteaching staff by identifying training needs, for enhancing professional competencies, teaching and soft skills. The Institute

frequently arranges training Programs and also deputes the staff to other Colleges for attending such Programs for acquiring balanced skills (technical skills, teaching skills). There are Heads of Departments (HODs) to look after the Department and faculty and nonteaching staff works under HOD. Classes are managed by the teachers appointed as Class Teachers. Accounts Officer is head of the office staff, Librarian is head of the library staff. The Gymkhana and Sports facilities are purchased and maintained by the regular appointed Physical Director.

Industry Interaction / Collaboration

Efforts by Training and Placement officer: The Institute has linkages with various Industry recruiters. The TPO functions under the Dean (Students Welfare) Industry Interaction visits various companies for interaction and extending invitation for campus visits. Company executives and entrepreneurs are invited for interactions with students and faculty. Feedbacks from employers and companies visiting for campus recruitment is always collected for inputs on efforts to be undertaken for improving employability of the students. Efforts by Industry Institute partnership cell The Institute has formed an Industry Institute Partnership Cell (IIPC) in the year 2014 with the IIP Cell grant of Rs. 4.00 Lakhs. It has the aim of development of better industry institute interactions. The Industry Institute Partnership Cell (IIPC) strives to enhance industry interaction with students and bridge the gap between academic and corporate world. The following activities are regularly followed to enhance IIPC activities:

- Final year students are encouraged to do Industry oriented projects.
- The Department identifies and invites industry experts to deliver content beyond syllabus and make students aware of the current industry trends.
- Students are encouraged to take internship programs and industry visits to develop the skills.

Admission of Students

Institute has got authorized Facilitation Centre (FC) according to the norms of Directorate of Technical Education (DTE) for Centralized

Admission Process of First Year and Direct Second year admission to Four Year full time B. E. courses. The College has established two separate committee viz., Admission Campaign Committee and the Admission Committee. The first committee works for the fulfilment of all the intake capacity of the College and the second one works for providing a smooth admission process to all the students either allotted by the State CET Cell or being admitted on the Management seat of the College.

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

E-governance area	Details
Planning and Development	Development is in progress at the Trust Level.
Administration	Development is in progress at the Trust Level.
Finance and Accounts	Tally 9.0
Student Admission and Support	ETH Limited

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. Madhuri Hingane	Faculty Development Program on LABORATORY PRACTICES 1 (Date 10 to 12 July 2018)	MIT College of Engineering, Pune	2000
2018	Prof. Shalu Saraswat	FDP on Revised BE (IT) (2015 Pattern) Syllaabus Orientation Semester 1 (14 June 2018)	Bhivaraabai Sawant Institute of Technology research, Pune	2000
2018	Prof. S. S. Shirsat	3 days FDP CAD, RPT 3D Printing (14 and 16 June 2018)	DY Patil COE, Akurdi, Pune	800
2018	Prof. A.B. Gadewar	FDP on TE (IT) 2015 Course (sem1) Theory Laboratory Course	G. H. Raisoni College of Engineering, Pune	1000

		Conduction (13 June 2018)		
2018	Prof. Sachin Shinde	3 days FDP on Ethical Hacking Security (5 December 2018)	Bharati Vidyaapeeth College of Engineering, Pune	1500
2018	Prof. R. B. Rathod	FDP LABORATORY PRACTICES 3 BE (Comp) Course 2015 (18 19 December 2018)	MIT College of Engineering, Pune	800
2018	Prof. R. K. Moje	Faculty Orientation Workshop on BE (E TC) Revised Syllabus 2015 Course (13 to 14 December 2018)	AISSMS College of Engineering, Pune	450
2018	Prof. Niraja Jain	Train the Trainer Workshop for IQAC Coordinators (20 the October to 2nd November 2018)	Symbiosis College of Arts and Commerce	2000
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)
2018	Advanced Data Structure (Mrs Swati Shirke, NB NSinhgadCO E)	NA	28/09/2018	28/09/2018	14	0
2018	Cyber Suraksha (Mr Amey Tambe)	NA	27/09/2018	27/09/2018	34	0
2018	FDP on Computer Lab VII	NA	29/06/2019	29/06/2019	24	0
2018	Syllabus o	NA	28/12/2018	28/12/2018	104	0

orientation
workshop
BE IT
(2015
Course)
Semester
II

[View File](#)

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Faculty Development Program on LABORATORY PRACTICES 1 (Date 10 to 12 July 2018)	1	10/07/2018	12/07/2018	3
FDP on Revised BE (IT) (2015 Pattern) Syllaabus Orientation Semester 1 (14 June 2018)	1	14/06/2018	16/06/2018	2
FDP on TE (IT) 2015 Course (sem1) Theory Laboratory Course Conduction (13 June 2017)	1	13/06/2018	13/06/2018	1
3 days FDP on Ethical Hacking Security (5 December 2018)	1	05/12/2018	05/12/2018	3
FDP LABORATORY PRACTICES 3 BE (Comp) Course 2015 (18 and 19 December 2018)	1	18/12/2018	19/12/2018	2
Faculty Orientation Workshop on BE (E TC) Revised Syllabus 2015 Course (13 to 14 December 2018)	1	13/12/2018	14/12/2018	2
Train the Trainer	1	29/10/2018	02/11/2019	3

Workshop for IQAC Coordinators (29th October to 2nd November 2018)				
Advanced Data Structure (Mrs Swati Shirke, NBNSinhgadCOE)	14	28/09/2018	28/09/2018	1
FDP on Computer Lab VII	24	29/06/2018	29/06/2018	1
Syllabus orientation workshop BE IT (2015 Course) Semester II	104	28/12/2018	28/12/2018	1
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
41	55	54	58

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> • 3 months Maternity leave for females appointed as permanent Teaching Nonteaching staff members. • Teaching Staff: 15 days medical leave and 15 days casual leave. • On Duty leaves for attending conferences / seminars / research activities and examination works assigned by the SPPU, industrial training. • 60 days vacation leave as per the period prescribed in the SPPU Academic Calendar. • Provident Fund to all the UGC approved staff 	<ul style="list-style-type: none"> • 3 months Maternity leave for female Nonteaching staff members. • 12 medical and 12 casual leaves. • 60 days vacation leave as per the period prescribed in the SPPU Academic Calendar. • Provident Fund to all the permanent NonTeaching staff members. 	<ul style="list-style-type: none"> • All Government Scholarships. • Assistance for various Private Scholarships. • Earn Learn Scheme of SPPU is well implemented by the College for the students. • Insurance from SPPU as well as PDEA. • PDEA provides Cash Awards to the Class Toppers. • Placement assistance for existing and passed out students

6.4 – Financial Management and Resource Mobilization

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

Every year as per the guidelines of the parent Trust PDEA, the college undergoes the Internal Audit biannually which is conducted by the PDEA regular Employed staff of Audit Department. External Audit is conducted by the an external agency appointed by the Trust for undertaking audits in each and every School/College of the PDEA. All the available funds, whether collected from

fees, scholarships, sponsorships and grants need to be used with the prior permission of the Management. The Principal has the authority to spend only up to Rs 2500/ on his own decision. Otherwise the college needs to follow this process <http://pdeacoem.org/downloadhd?hdid203>

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, Pune	50000	Purchase of Books Equipments
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	Yes	PRINCIPAL	Yes	PRINCIPAL
Administrative	Yes	PRINCIPAL	Yes	PRINCIPAL

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

PTA meetings are conducted in College. The feedback is obtained from parents regarding suggestions for improvement.

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

? Training programme on spoken English. ? Factors of Effective Communication. ? RoadSafety Awareness Program.

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

1 To enrich UG other educational Program 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 favorable 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
--

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	Date of	Duration From	Duration To	Number of
------	-----------------	---------	---------------	-------------	-----------

	initiative by IQAC	conducting IQAC			participants
2019	How to tackle with stress	07/02/2019	07/02/2019	07/02/2019	60
2019	Cyber Security	09/02/2019	09/02/2019	09/02/2019	50
2019	Embeddeds system IOT	14/02/2019	14/02/2019	14/02/2019	65
2019	NSS, National Youth Day	12/01/2019	12/01/2019	12/01/2019	28
2018	Require IT Skills for IT Employment	18/07/2018	18/07/2018	18/07/2018	29
2018	NSS, Tree Plantation	05/06/2018	05/06/2018	05/06/2018	34
2018	NSS, Blood Donation Program	19/07/2018	19/07/2018	19/07/2018	50
2018	NSS, Health Checkup Camp	19/07/2018	19/07/2018	19/07/2018	52
2018	NSS Week Celebration	20/09/2018	20/09/2018	20/09/2018	86
2018	NSSs Swachha Bharat Abhiyan	02/10/2018	02/10/2018	02/10/2018	52
2019	Guidance on competitive examination	19/03/2019	19/03/2019	19/03/2019	70
2019	Guidance on Gate examination	19/03/2019	19/03/2019	19/03/2019	72
2019	Disaster Management	18/03/2019	18/03/2019	18/03/2019	60
2019	Womens Day	08/03/2019	08/03/2019	08/03/2019	20
2019	System Programming	26/02/2019	26/02/2019	26/02/2019	46
2019	NSS, Shivjayanti	19/02/2019	19/02/2019	19/02/2019	75
2019	Machine Learning	04/02/2019	04/02/2019	04/02/2019	50

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
Need of Women Empowerment	18/03/2019	18/03/2019	40	10
Nirbhay Kanya Abhiyan	18/03/2019	18/03/2019	40	10
Womens Day	08/03/2019	08/03/2019	20	5

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
College is planning to replace a part of its total power requirement (of 35 KVA) by installing the Solar Power Unit of the 10 KVA capacity . A part of total cost of the project is supported by the grant from Savitribai Phule Pune University. The system will come in to effect in academic year 2019 / 20. Students and Staff are requested to switch off the fans and lights when not in use. Each floor of institute has separate power control panels, to control energy consumption. Solar lamps have been installed in college Premises. .

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Scribes for examination	Yes	0
Special skill development for differently abled students	No	0
Physical facilities	Yes	0
Provision for lift	Yes	0
Ramp/Rails	Yes	0
Braille Software/facilities	No	0
Rest Rooms	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
2018	1	1	02/10/2018	1	Swachha Bharat Abhiyan	Cleaning Awareness	50
2018	1	1	17/09/2018	1	Blood Donation Camp	Blood Donation Awareness	25
2018	1	1	07/02/2019	1	Cyber security	Cyber Security Awareness	40
2018	1	1	07/02/2019	1	How to tackle stress	Stress management	60

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	15/06/2018	<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 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</p>

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: 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 check in and check out while moving.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Teachers Day	05/09/2018	05/09/2018	20
National Youth Day	12/01/2019	12/01/2019	100
Engineers Day	15/09/2018	15/09/2018	20
Machine learning	04/02/2019	04/02/2019	50
System Programming	25/02/2019	25/02/2019	46
Embedded system IOT	14/02/2019	14/02/2019	65
Cloud Computing	28/02/2019	28/02/2019	45
Disaster Management scheme	18/03/2019	19/03/2019	85
Science Day	28/02/2019	28/02/2019	25
Library Day	13/08/2018	13/08/2018	13
APJ Abdul Kalam Birthday	15/10/2018	15/10/2018	15

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

7.1.7 Green Practices • Students, staff using a) Bicycles b) Public Transport c) Pedestrian friendly roads • Plasticfree campus • Paperless office • Green

landscaping with trees and plants Efforts for Carbon neutrality Care is taken to restrict vehicle entry into the campus and specific parking area is allotted for faculty and students. The institute restricted the usage of plastic bags in the campus. Good number of staff and students are using bicycles to the campus. 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. Plantation/Greening Drives Plantation programme has been taken up by the NSS unit for increasing the Green Cover in the village Padavi near Pune .Special awareness programmes conducted on plastic free environment in and around the village. The institute NSS unit distributes the plants to the participants. Paperless 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. College notices are circulated via Email to all staff. Energy Conservation Awareness among the students and staff on energy conservation is created by some sort of displays at appropriate places, Switching off all the electrical utilities, the buildings are fitted with glass windows for utilization of sun light and free stream of air circulation. Green landscaping with tree plants To spread awareness of environmental conservation and to promote greenery, institute continues to present saplings to guests and experts invited to the institute The flowers and leaves of these plants are combined to make inhouse bouquets for felicitation of Guest who visits the Institute.. 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..

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1 1. Title of the Practice: Art Circle 1. Title of the Practice: Art Circle 2. Goal • To plan, coordinate and control cultural activities of the students. • To guide students to participate in various competitions. • To provide proper guidance to students through experts to enhance there skills/arts for overall development. • To arrange for providing essential facilities to the students for preparation and practice. • Monitor and maintain utmost discipline during practice, preparation and conduct of the events. 3. The Context: Art Circle promotes cultural activities among students and provides platform to students to show their talent in various arts / skills. Various activities like fashion show, Drama, dance and Singing are conducted through this group. Rangoli, Mehendi and Drawing competition are also organized. They also do participate in Ganesh Puja , Durga puja , Makar Sankranti. Preparation for state level drama competition like Purushottam Karandak, Firodiya Karandak is done by Art Circle. 5. Evidence of success: ? The evidence of success of Art circle is reflected through the overall personality development of students. ? Those students who have different talents, they get platform to show their talent. So they become more confident toward their skills. ? Some of our students are pursuing their career in same field 6. Problem Encountered and Resources required: Some students take more time to adjust to the situation . Faculty members always motivate students to do good act in Art Circle. Best Practice 2 1. Title of the practice Serendipity Technical and NonTechnical Gaming Event Best Practice PDEA'S COLLEGE OF ENGINEERING, MANJARI(BK.), PUNE Name of the Committee : SERENDIPITY 2K19 1. Name of InCharge : Prof. N. R. Jain 2. Number of Members : 5 3. Objectives : 4. Activities Undertaken : Sr. No. Name of the Activity Level Funding Participants Outcome(At least two per activity) Male Female 1 Aptitude Test State Self 32 37 1 2 Code Junkie State Self 6 10 3 Picture Quiz State Self 26 24 4 Blind Coding State Self 26 35 5 Web Designing State Self 6 10 6 Debate Competition

State Self 2 12 7 Dance Skit State Self 2 8 8 Mehendi Competition State Self 1 9 9 Rangoli State Self 4 9 10 LudoKing State Self 27 32 11 Treasure Hunt State Self 6 6 15 PUBG State Self 40 20 5. Whether Feedback is taken : Yes/No : No 6. Whether any expertise is taken to plan and implement the activity : Yes/No : No 7. Name of the body with whom it was collaborated or linked if any (Sponsors for the event) a. Shingote Builders b. GYMTOWN c. Airawat Hostel d. ShivOmkar Restaurant 8. Mention the efforts taken to improve the functioning A. Encourage the students to use social networking sites like whatsapp, face book make aware the participants to involve /participate in different scheduled activities. B. Encourage the students to share work for organizing events so it will develop team spirit in them. C. Encourage them to share ideas and convert it into successful event 9. Challenges encountered if any A. B. 10. Award if any Sr. no. Name of the activity for which award is received Name of Awarding Institute Date Nature of Award 1 SERENDIPITY 2K19 PDEA's College of Engineering, Manjari(Bk.) 11. Any Other 12. Road Map for the next Academic Year Sr. No. Plan of Activity Tentative Date 1 Aptitude Test 9/01/20 2 Code Junkie 9/01/20 3 Picture Quiz 9/01/20 4 Blind Coding 10/01/20 5 Web Designing 10/01/20 6 Debate Competition 10/01/20 7 Dance Skit 11/01/20 8 Mehendi Competition 11/01/20 9 Rangoli 11/01/20 10 LudoKing 11/01/20 11 Treasure Hunt 11/01/20 15 PUBG 11/01/20 Best Practice 2 1. Title of the practice • Serendipity Technical and NonTechnical Gaming Event 2. The context that required the initiation of the practice • PDEAs College of Engineering, Manjari reflects the purpose in its Vision and Mission statements. • Vision: Providing nurturing ground for an individuals development to make effective contribution to the society in dynamic environment through academic excellence for professional competency. • Mission: To provide the state of the art educational facilities for training students for the career in engineering and technology. To organize quality improvement programs on advances in current technology for the benefit of core stakeholders of community. To provide leadership in curriculum design and development to strengthen industry:institute commune. • In an endeavor to empowering men and women with sound technical knowledge and social awareness, strong foundation of values, lifeskills to live wholesome and meaningful life, the teaching pedagogy at the institute varies greatly, as they reflect different social,political,technical, and cultural contexts. • To encourage the students to participate in this event by which their intrapersonal capabilities should improve. • To improve the management skills that results in owning the responsibility. 1. Title of the practice • Serendipity Technical and NonTechnical Gaming Event 2. The context that required the initiation of the practice. • PDEAs College of Engineering, Manjari reflects the purpose in its Vision and Mission statements. • Vision: Providing nurturing ground for an individuals development to make effective contribution to the society in dynamic environment through academic excellence for professional competency. • Mission: To provide the state of the art educational facilities for training students for the career in engineering and technology. To organize quality improvement programs on advances in current technology for the benefit of core stakeholders of community. To provide leadership in curriculum design and development to strengthen industryinstitute commune. • In an endeavor to empowering men and women with sound technical knowledge and social awareness, strong foundation of values, lifeskills to live wholesome and meaningful life, the teaching pedagogy at the institute varies greatly, as they reflect different social,political,technical, and cultural contexts. • To encourage the students to participate in this event by which their intrapersonal capabilities should improve. • To improve the management skills that results in owning the responsibility of larger challenges students will face in their professional and personal life in future. • To help students groom in curricular , cocurricular and extra curricular activities. • To understand the power of team spirit. 3. Objectives of the practice : The Pedagogical paradigm encourages student activity in learning, fosters growth in human excellence and making

individual sustainability competent along with the transmission of knowledge and skill as integral dimensions of the learning process. The Main Objectives of the Practice are:

- To facilitate full growth based on sound understanding of vibrant technology and enlivened by exploring it with open heart and mind.
- To form men and women of competence, conscience .
- To pursue the all round development of students to the full measure of their talents.
- To urge students to inculcate the culture of selfdiscipline, and integrity.
- To develop focused and indepth thinking.

4. The Practice : The Integrated Pedagogical Model followed the pattern of a Typical Model. The Model is based on the assumptions: 1) Every individuals learning depends on his / her context, 2) An individual can be made to contemplate and reflect on experiences, 3) Reflecting on Experiences lead to more responsible action, 4) Evaluation of the process .

Phase 1 Context and experience • SERENDIPITY started in 2008 by IT department at departmental level wherein the students of various departments participated in events to develop in all areas like blind coding, NFSthe gaming, debate and Antakshari , rangoli event etc. • Year by year it is getting tremendous response from the students of the college as well as from other colleges too and now it has become a flagship event of the college.

Phase 2 Reflection and action • The students enthusiastically organizing, managing and successfully conducting so many activities for the students. All various types of work been handled by the students under the observation of the staff of the college. • The scheduled of the event is kept flexible so that maximum participation is accommodated and can manage smoothly.

Phase 3 Evaluation • At the end of the event , the winners and runnerup are awarded with certificates and trophies.

5. Obstacles faced if any and strategies adopted to overcome them .

- Financial Aspect: As the whole event is self sponsored there is a financial shortage to spend the money to organize the event without any hurdle. Strategy to Adopted to overcome: Students try hard to get sponsorship for financial assistance from different agencies to make the event successful.
- Technology: Facing the problem to handle the right technology for technical events Strategy to Adopted to overcome: Various training session of the technical team of students is kept so that they can handle any challenges came across them while executing the concerned technological based events.

https://drive.google.com/open?id1zoh13AgPJfg0PMh6h3_I7kqERZOk2ki

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

<http://www.pdeacoem.org/downloadhd?hdid=199>

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

7.3 Institutional Distinctiveness The Vision of the Institute focuses on Learning on doing things and not merely knowing things. Until and unless learning solutions relate to real life and motivate the learner to acquire and apply the knowledge, the whole process will remain superficial. Our institution has set specific objectives and planned activities for achieving excellence in all spheres of engineering education. Following yearly events make sure that our students are moving forward in each aspect.

- Robo Competition :Student design a ROBOT that has capacity to cover maximum distance in shortest possible time, challenging the hurdles and be one of the best opponents. The way you enter, the way you proceed, the way you reveal your speed to others beings here at the enthralling event of "RoboRace". Special track for the robot are there for competition. Soccer champion competition is also held for robots.The fast speeds, tight turns, and exciting collisions bring enthusiasm among the participants.
- Purushottam karandak : The Purushottam Karandak, is an annual intercollegiate Marathi one act play competition where students from

Maharashtra represent their respective college and participate. The intercollegiate one act play competition is known for giving a platform to amateur actors. Some of our students have got prizes and after graduation become professional actors, directors and playwrights. • Entrepreneurship program : Our Entrepreneurship programs are designed to meet our students on their leadership journey. They get best support for their professional goals, whether launching a new venture, creating a startup, nurturing and scaling of an enterprise, or bringing new innovation within an established organization. • Center of Excellence: Center of Excellence of our college keep updated our students with current technologies which are not part of curriculum but demanded by Industries. Different courses are conducted through this for students • Futurizm: Our Institute organize national paper presentation on every year. The main aim of this national level conference is to provide a common platform for technical experts, research scholars and students from the Computer, Information Technology, Mechanical, E TC and Instrumentation Control Engineering MBA to publish their research.

Provide the weblink of the institution

<http://www.pdeacoem.org/downloadhd?hdid=211>

8.Future Plans of Actions for Next Academic Year

To enrich UG other educational Programmes (100 percent course coverage 100 percent students' feedback 100 percent result across all courses of UG PG) To promote advancement of knowledge technology (Applying to different agencies for grants IndustryInstitute interactions resulting in sponsored projects Publications at National/Inernational level) To provide testing consultancy (Promoting culture to establish industry linkages for consultancy assignments) To evolve sustainable partnership with industry and profession (MoUs with industries for technical knowledge sharing, internship opportunities for students, placement assistance) To enhance faculty/staff skills knowledge (Encouragement for qualification improvements Organization of FDPs / Seminars / Conferences Faculty students participation in events across University/State/Nation) To focus on developing PDEACOEM as favourable destination of industries for recruitment training of competent manpower (Training activities for every department 100 percent placement for final year students) To continuously upgrade the learning environment (Increase in no of Titles and volumes as per AICTE elibrary facility Online journal subscription 24X7 library facility for students) To impart value based education (Special programs for society NSS camp) To enhance the activities of the administration section through catering various needs of the staff (Standard operation procedure finalization for administrative work Automation of administrative work) To promote and develop the sports spirit among the students (Maximum students participation at college level during sport's week Students representation at University level teams Representation at PDEA Sport's meet) To provide comfortable stay to the students with excellent atmosphere for the students (Hostel monitoring on regular basis Mess facility quality check) To perform preventive /Breakdown Maintenance in the college (AMC for Water coolers AMC for Garden Rain water harvesting Plumbing/ Furniture / Electrical inhouse maintenance)