



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	P. R POTE (PATIL) EDUCATION AND WELFARE TRUST'S GROUP OF INSTITUTIONS COLLEGE OF ENGINEERING AND MANAGEMENT
Name of the head of the Institution	Dr. Sadhana D. Wakde
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	+919404109465
Mobile no.	9404109465
Registered Email	prpotepatilcollege@gmail.com
Alternate Email	sadhana_wakde@rediffmail.com
Address	Pote Estate, Kathora Road, Amravati (Maharashtra)
City/Town	Amravati
State/UT	Maharashtra

Pincode	444602																		
<b>2. Institutional Status</b>																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	private																		
Name of the IQAC co-ordinator/Director	Dr. SANJAY B. WARKAD																		
Phone no/Alternate Phone no.	+917693896006																		
Mobile no.	7693896006																		
Registered Email	sbwarkad@gmail.com																		
Alternate Email	sbwarkad@yahoo.co.in																		
<b>3. Website Address</b>																			
Web-link of the AQAR: (Previous Academic Year)	<a href="http://www.prpcem.org/IOAC.aspx?pg=IOAC">http://www.prpcem.org/IOAC.aspx?pg=IOAC</a>																		
<b>4. Whether Academic Calendar prepared during the year</b>	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://www.prpcem.org/AcademicCalender.aspx?pg=calender">http://www.prpcem.org/AcademicCalender.aspx?pg=calender</a>																		
<b>5. Accrediation Details</b>																			
<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>A</td> <td>3.04</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	A	3.04	2017	30-Oct-2017	29-Oct-2022
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.04	2017	30-Oct-2017	29-Oct-2022														
<b>6. Date of Establishment of IQAC</b>	09-Mar-2015																		
<b>7. Internal Quality Assurance System</b>																			
<table border="1"> <thead> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by</th> <th>Date &amp; Duration</th> <th>Number of participants/ beneficiaries</th> </tr> </thead> <tbody> <tr> <td colspan="3"> </td> </tr> </tbody> </table>						Quality initiatives by IQAC during the year for promoting quality culture			Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries								
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IQAC		
IQAC meetings	03-Sep-2018 2	17
No Files Uploaded !!!		

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	NIL	NIL	2019 0	0
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)**

• Stakeholder's Feedback implementation • Formation of Entrepreneurship Cell and RD activities • Conducted Academic Audit and departmental review • Conducted Stock verifications in the department • Documentation process in progress about NBA in Electrical, Electronics Telecommunication, and Computer Science Engineering Departments • Conducted Awareness programs on Outcome Based Education

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

Plan of Action	Achievements/Outcomes
Academic processes activities as per NBA Format	In Progress

ICT Based Teaching Aids & Smart Class Rooms	In Progress
Research Labs for Ph.D.	Established
AICTE-MODROB proposal for Lab up gradation	Proposal Submitted to AICTE-by Electrical Engg, CSE and EXTC departments
No Files Uploaded !!!	

  

14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
College Development Committee (CDC)	09-Oct-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	03-Mar-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)	<ul style="list-style-type: none"> <li>Office management System is implemented related to student admission and supporting activities. Student databases are created branch and semester wise which is effectively used in Academic process also.</li> <li>Student Feedback is also collected online and databases are maintained for effective decision making.</li> </ul>

## 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- ? For facilitating proper and advance preparation of subjects' contents by the teachers, the allotment of the subjects to respective teachers is being made well in advance before start of actual session. Subjects are allotted to the teachers as per their area of

specialization. ? The academic calendar is displayed well beforehand on the notice board and circulating among the staff. ? Monitoring and continuous observation of teaching in the classes by the HOD as per the teaching plan prepared & submitted by the teaching staff of the respective department. ? Class coordinator is appointed for each class to monitor the regularity of classes with due observation of students attendance as well. ? Every faculty member is assigned a group of about twenty students for counseling every year. The counselor conducts meeting with students of their group and record their suggestions, requirements, and difficulties to take necessary actions related to curriculum implementation. ? Continuous monitoring of students attendance and stern warning is given to the defaulters. Parents are informed regarding student's attendance along with the performance report of unit test and other examinations, and record of the same is maintained. ? Efforts are taken for the development of academic performance of students and the record of the same maintained by the designated class coordinators. ? Management of the institute holds meeting with heads of the department and all teaching staff at regular intervals to see the academic progress of students. The above-mentioned teaching-learning process helps students to study the curriculum effectively along with additional inputs relevant to industry for technical skill development. Students are made to experience academic rigor by exposure to "drill problems" and opportunity to exhibit 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
Software training by Indo Vidarbha Tool Room (Mechanical)	Nil	01/07/2018	2	Employability	yes

### 1.2 – Academic Flexibility

#### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	Electronics & Telecommunication (Semester – V)	22/07/2018
No file uploaded.		

#### 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	Civil Engg.	17/12/2018
BE	EXTC Engg.	17/12/2018

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

	Certificate	Diploma Course
Number of Students	18	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
Workshop Web Development using HTML, CSS , PHP by Webakruti, Nagpur	01/06/2019	40
Workshop on "SPEECH AND ANDROID PHONE OPERATED WIRELESS ROBOT"	13/07/2018	300
8 days workshop on "Brainstorming C C"	23/07/2018	50
One day workshop on "Introduction of MATLAB Simulink used for Electrical Engineering"	30/03/2019	40
No file uploaded.		

### 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-Preparing process procedure book for welding of rotavator component	6
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## 1.4 – Feedback System

### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>Institute has a mechanism of obtaining feedback from students and stakeholders on curriculum. The institute takes regular feedback from industry, alumni, students, and parents. ? The feedback from the students regarding the faculty, facilities and other entities are taken once in a semester. The feedback from the students regarding faculty, facilities and other entities are taken at the end of semester. Detail analysis of this feedback is carried out. Also faculty collects the feedback and problems of students during counseling meetings. They report it to HOD. HoDs and Vice Principal convey this information to the Principal. In the meeting of the Principal with the management, this information is discussed. Based on these discussions, activities are revised. Periodic meetings with alumni, parents, students and staff ensure that all the stakeholders are aware of the college activities. ? Feedback from other stakeholders i.e. alumni, parents, employer is collected once in a year. Analysis of this feedback is carried out. Based on received feedback, the</p>

Institution takes corrective measures to improve its performance. The comments of stakeholders are also communicated to University authorities through workshops, meeting of Dean, Vice Chancellor, and officers of Academic Council. The faculty who is involved in curriculum development gives the feedback to the core group formed by the University.

## 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	CSE	120	115	115
BE	EE (Shift-I)	60	49	49
BE	EE (Shift-II)	60	22	22
BE	Mech Engg	120	105	74
BE	Civil	60	57	57
ME	EXTC	30	8	8
BE	EXTC	60	22	22
ME	CSE	30	1	1
ME	EPS	24	6	6
ME	Mech. Engg.	24	4	4
MBA	MBA	60	60	60
MCA	MCA	60	52	34
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### 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	339	104	60	23	126

### 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
118	105	6	28	1	6
<a href="#">View File of ICT Tools and resources</a>					
No file uploaded.					

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

Faculty members mentored students in the preparation of the Final year projects by guiding them in areas like

selection of topic, methods to be used for researching content and collecting data, analysing and compiling the data and drawing inferences as well as presentation of results. Students selected a variety of topics from their specializations.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1940	83	1:23

## 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
117	117	0	0	15

### 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
2019	Dr. R. D. Ghongade	Associate Professor	Best paper award in 5th International conference dated 2223 March, 2019
2019	Mr. Ajay B. Gadicha	Assistant Professor	Best Researcher Award 2019 by Vivekanandha College of Arts Science for Women, Tiruchengode, Tamil Nadu, India
2018	Prof. Mohammad Zuhair	Associate Professor	Received 'AMP National Award For Excellence in Education 2018'
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## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	11737210	4/6/8	29/05/2019	22/08/2019
BE	110729310	4/6/8	29/05/2019	22/08/2019
BE	110761210	4/6/8	29/05/2019	22/08/2019
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### 2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The Institute is affiliated to the university so the reforms suggested by the



University has been adopted in curriculum, examination pattern and evaluation process. The Institute has appointed Chief Examination officer (CEO) who is university approved, experienced faculty to deal with the university exam related matters. University has introduced online distribution of question papers and evaluation of answer sheets in examination of First year engineering from session 201516. The Institute has adopted Credit Based System for UG and PG programmes as per the reforms suggested by the University with effect from 201314. The Institute is also incorporating reforms in syllabus time to time as suggested by the University. Final year students Project work is evaluated through Seminars and Presentations conducted internally as well as through University evaluation process.

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

A committee of academic calendar is comprised by the institution. The committee consisting of Principal, HoDs and Controller of Examinations prepare the academic calendar well in advance before the commencement of the semester. The calendar outlines the semester class work schedule, internal examination schedule and external examination schedule. Academic calendar also includes total working days, assessment schedule, academic events, holidays, etc. in concurrence with the University calendar. The intended learning outcomes are achieved through Academic calendar, teaching plan and course material availability, classroom lectures, interactive sessions, laboratory sessions, library, class tests, selfstudy, assignments, seminars, presentations, etc.

## 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.prpcem.org>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
110729310	BE	EE	117	101	86.32
110761210	BE	MECH	130	117	90.00
110719110	BE	Civil	66	63	95.45
110724210	BE	CSE	124	106	85.48
110737210	BE	EXTC	70	52	74.28
110724110	MCA	MCA	35	31	88.50
110710110	MBA	MBA	35	22	62.85
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## 2.7 – Student Satisfaction Survey

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

[http://www.prpcem.org/Student\\_feedback](http://www.prpcem.org/Student_feedback)

## 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
Major Projects	0	NIL	0	0
Minor Projects	0	NIL	0	0
Interdisciplinary Projects	0	NIL	0	0
Industry sponsored Projects	0	NIL	0	0
Projects sponsored by the University	0	NIL	0	0
Students Research Projects (Other than compulsory by the University)	0	NIL	0	0
International Projects	0	NIL	0	0
No file uploaded.				

### 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
NIL	NIL	13/08/2018

#### 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
Detection of Malicious Odds in Androids by using Mobile(Dr. R. D. Ghongade)	EXTC	ICIREST	23/03/2019	Best Paper Award in 5th International Conference (Teacher)
National Conference	CSE	Vivekananda college of arts and science for Women (Autonomous)	04/02/2019	Best Researchers award 2019
International Conference	CSE	Global Outreach Research Foundation	31/07/2019	Young Researcher in computer and engineering
Arch Weir to Reduce Depth of Napee	CIVIL	P. R. Pote COEM, Amravati	21/01/2019	First Prize of Project Competition in

Economical Design of Stilling Basin				"Techelons2019" (National Level)
Modern Curing Method for Concrete Road	CIVIL	P. R. Pote COEM, Amravati	20/01/2019	Second Prize of Project Competition in "Techelons2019" (National Level) (National Level)
No file uploaded.				

### 3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	11/02/2019
No file uploaded.					

### 3.3 – Research Publications and Awards

#### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
EXTC Engineering	2
Civil Engineering	1
CSE Engineering	1
Science Humanities	2

#### 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	Science Humanities	15	2.3
No file uploaded.			

#### 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
MBA	1
MCA	2
CSE	3
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	Number of citations
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					mentioned in the publication	excluding self citation
No Data Entered/Not Applicable !!!						
<a href="#">View File</a>						

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
<a href="#">View File</a>						

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

Number of Faculty	International	National	State	Local
No Data Entered/Not Applicable !!!				
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### 3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!			
<a href="#">View File</a>			

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
Internship Project	Best Project Award	Webakruti	2
No file uploaded.			

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
No Data Entered/Not Applicable !!!				
<a href="#">View File</a>				

### 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
NIL	NIL	NIL	0
No file uploaded.			

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

facilities etc. during the year

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

[View File](#)

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

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

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## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
5000000	4200000

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
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
No file uploaded.	

### 4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
LIBMAN	Fully	3.0	2009

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

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
Dr. P. S. Ardak	SWAYAM	NPTEL	10/01/2019
No file uploaded.			

#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	574	14	0	14	1	1	7	140	0
Added	0	0	0	0	0	0	0	0	0
Total	574	14	0	14	1	1	7	140	0

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

140 MBPS/ GBPS
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##### 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
No Data Entered/Not Applicable !!!	

#### 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
150	120	50	34

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)

Policy and Procedures for maintaining and utilizing physical, academic and support facilities are available. Maintenance Coordinator is appointed for the overall developmental and maintenance work. He has a team of skilled and semiskilled personnel working under him. This team looks after the daily maintenance of civil works such as furniture repairs, masonry and plaster works, painting carpentry, plumbing and house-keeping work. There is a separate Faculty in charge of the responsibility of overall electric works, who also has a team of electricians working with him.
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#### 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
No Data Entered/Not Applicable !!!			
<a href="#">View File</a>			

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
No Data Entered/Not Applicable !!!					
<a href="#">View File</a>					

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
No Data Entered/Not Applicable !!!					
<a href="#">View File</a>					

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
No Data Entered/Not Applicable !!!					
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	4
No file uploaded.	

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
<a href="#">View File</a>		

### 5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

A Student Council is a representative structure through which students in a college can become involved in the affairs of the college, working in partnership with college management and staff and parents for the benefit of the college and its students. The University is also a training ground for students to develop skills of good governance. Hence these elections are organized to help them practice these skills and learn the skill of representation. Hence the students have an experience in the skills of democratic representation and participation. As per the Maharashtra Universities Act, (M.U.A.) 1994 section 40, Students' Council is to be established every year during the first term. As per section 40 (2) (b) of the said M. U. Act, 1994 the college / institute has to form the Students Council and inform the names of the same to the Director, Board of Students Welfare. As per section 40 (2) (a) there will be a University Departments Student Council who in turn will elect its University representative. After completion of the above, 11 members will be nominated to the university Students Council as per provisions of section 40 (4) (a) of the M.U. Act, 1994 by the Vice-Chancellor. As per instruction given by the university, student council election conducted in the college in the month of December 2019. The selection criteria for the post of Student council secretary are laid by the Amravati University Gazette-1997. Student council secretary along team members of the college conducted Unmesh 2019. In this Mega Event culture activities like Dance, Drama, Fashion Show, and Singing had been carried out for individual and for group. Sport secretary of the institute along team members conducted various sports events like cricket, volley ball, Badminton, chess, for students of the college in the month of February 2019.

### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes. The College has a registered Alumni Association with 11 executive committee members. The website for the same is <http://www.potepatilalumni.org>. Strength and standing of the institution is continued to be witnessed by the professionally competent. Alumni proving their worth in academia and industry all over the country and overseas. The members of the Alumni Association plays a great role in the development of the college by providing a platform for aluminous to share their knowledge and expertise for the growth of their alma mater. The alumni association organizes alumni meets once every year. Apart



from this, the feedback from the other Alumni is also collected during the Alumni meets conducted/visit of alumni to institute. From the feedback analysis required input to the Placement Officer and respective departmental head were provide about ethics and diversion in the industry, enrichment of the curriculum, about necessary mock training and new methods of improving the employability.

5.4.2 – No. of enrolled Alumni:

360

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

The activities of Alumni Association: • Meeting during each semester about planning and execution of the activities. • Alumni Induction Program in March every year. • Alumni Reunion events every year. Contributions of the Alumni Association • The departmental in-charge invites eminent alumni to deliver technical lectures for the benefit of the students. • Coordinating Alumni as members of departmental Board of Studies. • Inviting Alumni to conduct mock interviews and group discussions. • Displaying Know Your Alumni department-wise fortnightly to ensure better connect between Alumni and students.

## 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)

The Institute is established Dean's structure in order to decentralize the work activity and to enhance smooth functioning of the centralized activities. Following Dean Structure is formed. i.e. Dean (Academics), Dean (RD) etc. The management is always promoting financial support in infrastructure development, quality of Academics practices and Research Development in the Institution.

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

Yes

### 6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	In light with the NBA accreditation, the Institute is introduced Outcome based Education philosophy in the Professional Education. Delivery of topic beyond syllabus, so as to cater the IndustryInstitute gap is highly promoted in departments. Special training courses are also encouraged to develop student's technical skills which are demanded in the market. Students are identified as Fast/medium and Slow learners and special classes are organized to cater individual needs.
Teaching and Learning	Following measures are initiated to

enhance Teaching and Learning process in the department • To implement planned Academic policy. • At departmental level, work review of academic coordinator, RD coordinator and TP coordinators for smooth functioning. • Extra lectures Remedial lectures are planned for slow learners and maintain the documentation which shows the efforts taken by department.

- Topics beyond syllabus for each subject are delivered in class. •

Prepare teaching plan for high / medium / slow learners. • Proper Mechanism and process for Teaching Learning is to be documented. • Action Taken Report (ATR) is documented • Course assignments are initiated. Internal question papers now based only on class learning. • Higher level skills to be tested and documented. • Focus need to be given on TL process POs attainments • Understand of Bloom's taxonomy • Improvement in subject tutorials • Content delivery innovation to be practiced. • Guest lecture may be as per gap analysis and requirements • Increase eresources.

Teaching in class through Video/Animations. • Test series to be conducted for poor/weaker students.

#### Examination and Evaluation

- Evaluation of marks which consists of internal marks through continuous assessment (Test exam Vivavoce Assignment) and external marks scored in End Semester Examination. •

Automation of the examination cell to ensure timely declaration of results to keep the academic calendar on schedule.

#### Research and Development

- The Institute has recently approved Ph.D. research centre in Electrical and Electronics Telecommunication Engineering Departments by SGBAU University. • Incentives for research publications and research projects are provided • To promote R D activities, faculty members are encouraged for higher studies, publications, patent registration and industry consultancy.
- Funded projects are invited to justify the research in departments.

#### Library, ICT and Physical Infrastructure / Instrumentation

- Every year Central library is added with required books, EJournals and Magazines. • The Institute is promoting Smart class Room concept in each department. • Books exhibition is arranged every year thro' vendors at campus to identify the quality books •

	Every department has individual airconditioned seminar hall with LCD projector • Smart TV and computer system with internet connection
Human Resource Management	<ul style="list-style-type: none"> <li>• Recruitment of faculty and staff are based on the guidelines provided by SGBAU University and AICTE, New Delhi.</li> <li>• There are many staff welfare schemes namely EPF, Group insurance and Accidental policy • Sponsorship of Higher Studies for Faculties • Organizing Developmental training programme and workshops/seminars for enhancing the multiskills of faculties.</li> <li>• Effective appraisal system has been followed to assess the performance of faculties. Faculty members are promoted to higher positions based on their experience, skills and achievements.</li> </ul>
Industry Interaction / Collaboration	<ul style="list-style-type: none"> <li>• Consultancy to be encouraged in the Labs. Several testing facility in the labs be created and promoted for revenue generation. • Identify equipments in the labs which can contribute towards research and development and shall be procured. • MOUs on focused areas only. It is to be done in order to increase IIIC activities in the department • Encourage more workshops to be conducted in the department. • Experts from Industry shall be invited for Guest Lectures in the department.</li> </ul>

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

E-governance area	Details
Planning and Development	In Process
Administration	In Process
Student Admission and Support	All admissions are governed by DTE, Maharashtra State. The process is online
Examination	The Institute is affiliated to S.G.B. Amravati University. Online Examination and valuation process is followed by the Institution.

### 6.3 – Faculty Empowerment Strategies

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

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

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	0	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Free medical facility is provided to students, staff and faculty in college hours. • Group Insurance scheme PF as per rule Maternity leave Medical leave Mediclaim policy Gratuity	Free medical facility is provided to students, staff and faculty in college hours. • Group Insurance scheme PF as per rule Maternity leave Medical leave Mediclaim policy Gratuity	University Group Insurance Policy

## 6.4 – Financial Management and Resource Mobilization

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

Yes. In the Month of April with financial year completion. The Audit is conducted by Chartered Accountant

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
Nil	0	Nil
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6.4.3 – Total corpus fund generated

**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	VNIT Nagpur	Yes	IQAC
Administrative	No	Nill	Yes	IQAC

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

Parent- Teacher Meet-8 September 2018 Parent- Teacher Meet-4 October 2018  
Parent- Teacher Meet-9th March 2019

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

Computer Awareness Program Cleanliness Maintenance Training Program Lab Safety  
awareness program

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

External Academic Audit Initiation of NBA Accreditation in Several Department  
Up gradation of ICT based teaching methodology

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Internal Academic Audit	15/07/2019	15/07/2019	20/07/2019	12
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**CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES****7.1 – Institutional Values and Social Responsibilities**

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Gender based awareness and counselling is given to girls by Professional Counsellor	15/02/2019	15/02/2019	20	12

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

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

- Each block of institute has individual power control panels, which help in separate control of energy consumption.
- Energy conserving lights like CFL, LED lights are used in the Institute campus.
- Consciousness through awareness program to save energy in classrooms and laboratories when not in use.
- Most of the Classroom has direct access to sunlight which reduces the consumption of electricity.
- Efforts for Carbon neutrality Plantation
- Tree plantationThe different types of trees are planted within the campus of the Institute.
- College has designed and manufactured the Erickshaw for transportation within college campus.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	6

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	2	2	14/11/2018	33	Environment Preservation and Plantation Drive water conservation	Environment protection, plantations	27

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

Title	Date of publication	Follow up(max 100 words)
HR Handbook (Revised)	25/09/2018	Awareness Practice

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Prayer is conducted on daily basis before the beginning of everyday session.	14/06/2018	10/10/2019	100
Blood Donation Camp is arranged every year in the college premises	13/11/2018	13/11/2018	45
Books of Swami Vivekananda, Spiritual Motivational are	16/08/2018	16/08/2018	129

handed over to Ist year Students in the beginning of the Session.

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

Energy conservation • Each block of institute has individual power control panels, which help in separate control of energy consumption. • Energy conserving lights like CFL, LED lights are used in the Institute campus. • Consciousness through awareness program to save energy in classrooms and laboratories when not in use. Use of renewable energy Water harvesting • College has developed lake inside campus from collection of rainwater, by implementing this rise in the water level is observed nearby the campus. • Artificial pond with 9 Bores is created for rain water harvesting to increase the ground water level and should benefit the nearby localities and positive results are seen. Efforts for Carbon neutrality Plantation • Tree plantationThe different types of trees are planted within the campus of the Institute. • Students are motivated to use bicycle or Public transport to reduce air pollution. • Institute promote bicycle rally to create awareness. • College has designed and manufactured the Erickshaw for transportation within college campus.

#### 7.2 – Best Practices

##### 7.2.1 – Describe at least two institutional best practices

Practice I 1. Title of Practice : IIT BOMBAY VIRTUAL LAB An Initiative of Ministry of Human Resource Development (MHRD) 2. The Goal Goal of Virtual laboratory are : a. To provide remoteaccess to Labs in various disciplines of Science and Engineering. These Virtual Labs would cater to students at the undergraduate level, post graduate level as well as to research scholars. b. To enthuse students to conduct experiments by arousing their curiosity. This would help them in learning basic and advanced concepts through remote experimentation. c. To provide a complete Learning Management System around the Virtual Labs where the students can avail the various tools for learning, including additional webresources, videolectures, animated demonstrations and self evaluation. d. To share costly equipment and resources, which are otherwise available to limited number of users due to constraints on time and geographical distances. 3. The Context: Virtual Labs project is an initiative of Ministry of Human Resource Development (MHRD), Government of India under the aegis of National Mission on Education through Information and Communication Technology (NMEICT). This project is a consortium activity of twelve participating institutes and IIT Delhi is coordinating institute. It is a paradigm shift in ICTbased education. For the first time, such an initiative has been takenup in remote?experimentation. Under Virtual Labs project, over 100 Virtual Labs consisting of approximately 700 webenabled experiments were designed for remoteoperation and viewing. The intended beneficiaries of the projects are: • All students and Faculty Members of Science and Engineering Colleges who do not have access to good lab?facilities and/or instruments. • High?school students, whose inquisitiveness will be triggered, possibly motivating them to take up higher?studies. Researchers in different institutes who can collaborate and share resources. • Different engineering colleges who can benefit from the content and related teaching resources. Virtual Labs do not require any additional infrastructural setup for conducting experiments at user premises. The simulationsbased experiments can be accesses remotely via internet. • 4. The Practice: Virtual labs are conducted basically in the form of workshops in two ways: • In house workshop conducted for the faculty and students of our own institute. • Out reached workshop conducted for the faculty



and students of other institutions. • To conduct such workshops we need to schedule it on IITB web portal: [www.vlabs.iiitb.ac.in](http://www.vlabs.iiitb.ac.in). 5. Evidence of success: • Few of the evidence of success are quoted as example as follows. • Successfully organized various workshops of virtual lab tutorials for the students as well as faculties. • Successfully organized the outreach virtual lab workshop for the P. R. Patil college of Engineering and Tech., Amravati. 5. Evidence of success: • Few of the evidence of success are quoted as exam

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

### 7.3 – Institutional Distinctiveness

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

International Study Tour for Students: Every year International Study tour is organized free of cost for the toppers of all branches of Engineering and Management under the banner "Nurturing Talent with Global Vision". The objective of study tour is unique amongst all engineering colleges in Vidharbha region of Maharashtra. The objectives are • To aid students in acquiring basic knowledge of functioning of the industry. • Experimental learning and offer both group and selfdirected activities that enable learners to explore various industries cultures, practices and people internationally. • To provide students the global exposure. From year 2012 to 2018 around 502 students were visited to Dubai, Malaysia, HongKong, Singapore. In year 2019, around 102 students were visited Malaysia. Students visited Industries, Malaysia University, Petronas Twin Tower, KL City Tower etc. Students learned latest technology and also developed state of art projects in the Institution.

Provide the weblink of the institution

[www.prpcem.org/istour](http://www.prpcem.org/istour)

### 8.Future Plans of Actions for Next Academic Year

Promote entrepreneurship skill development amongst students Improve student placement in core sectors. Consultancy to be encouraged in the Labs. Several testing facility in the labs be created and promoted for revenue generation. Faculties should be motivated to publish the research articles in high impact factor journals Each department should organize Conference /workshops / FDP in every academic year More number of students should be encouraged for inplant training, internship program and also motivated to do industry based projects. Effective Mentoring system to be implemented. Student-mentor program to be initiated Students, alumni and faculties should be motivated to start-up Promote outcome based education in all departments based on stakeholder's feedback. More external Academic Audits to strengthen departments and Institute. More avenues shall be made available for Industrial training after 2nd/3rd year students. Enrich students with value based education and programmes. Participate in local/village community problems and technology transfer. "Gram Dattak Yojana" should be planned and develop with technology Professors/Emeritus and Guest faculties shall be appointed in the department