



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		PADMABHUSHAN VASANTDADA PATIL PRATISHTHAN'S COLLEGE OF ENGINEERING
Name of the head of the Institution		Dr. Alam N.Shaikh
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		+912220847228
Mobile no.		9082957589
Registered Email		principal@pvppcoe.ac.in
Alternate Email		dralamshaikh99@gmail.com
Address		Vasantdada Patil Educational Complex, Eastern Express Highway, Padmabhushan Vasantdada Patil Marg, Sion Mumbai 400022.
City/Town		Mumbai
State/UT		Maharashtra

IQAC		
Regular meeting of IQAC for timely submission of AQAR to NAAC.	11-Sep-2019 4	17
Inclusion of Certification courses	11-Sep-2019 14	83
To Increase industry interaction Lab collaboration	02-Jan-2020 1	1236

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institution	Prerana scheme	AICTE	2020 730	720000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View Link](#)

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 Uploaded 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. Process activated for NBA accreditation in near future. 2. Encouraged Department to increase industry interaction through collaborated industry laboratories and webinars. 3. To improve quality of teaching learning Process with blooms taxonomy is continued. 4. To improve the technical and aptitude skills in students Myperfectice platform is introduced.

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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
HR and Alumni meet	Fruitful discussions held regarding the current industry scenario and the opportunities to the graduates in emerging areas.
Social service by students	Through NSS the students are actively involved in the social service like Beach cleaning, Railway station cleaning, HIV-AIDS awareness camp and blood donation camp. This improved social values among the students.
Webinars, Expert lectures and workshops for students	Students could understand emerging topics in the field of engineering. These activities help to enhance the understanding of students in the chosen field.
Myperfectice Platform introduced to the students	Online Technical and Aptitude tests using Myperfectice platform helped the students to improve their skillsets in view of their placement.
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14. Whether AQAR was placed before statutory body ?

No

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

Yes

Date of Visit

25-Mar-2019

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

22-Jan-2020

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)

PVPPCOE uses inhouse software for Leave management, this saves time of college teaching and Nonteaching staff members.

The administrative staff is also happy to become the end users for this as it reduces their day to day burden. The same software is used to take faculty feedback from the students. The hods take subject wise feedback of faculty twice in a semester. To improve the quality of teaching learning system, the analysis is done and corrective actions are decided. Examination section uses software which keeps year wise academic records of all the students and also generate mark sheets. Account department also uses a software saralTDS for all kind of financial planning and tax calculations.the software is also uses software for fees collection. This is helpful in keeping track of fees collection details as per the scholarship facilities opted by the students. PVPPCOE library has digital library for EJournals and OPAC software for searching availability of books for students and faculty. The college also has intranet facility through which the information like notices, circulars, examination time tables and results are displayed. The urgent and important messages are sent to the staff and students using bulk messages software.

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

The Academic Calendar serves as a record of Mumbai University academic policies and procedures. According to university calendar, Institute designs its own academic plan. Institute forms time table committee which contains two faculties from each department and one convener from Institute. Time table reflects the theory, practical and tutorial loads if any assigned for each subject & each faculty. Subject Orientation for each faculty is scheduled which covers the overview of the subject. Bridge course, pre-requisite tests are conducted based on Mumbai University syllabus. The lectures & practicals are conducted on regular basis by each faculty to cover the portion as prescribed in the syllabus by the university. The delivery mechanism involves an extensive use of Information for Communication Technology (ICT), internet and online resources. In this process the faculty deploys well prepared lecture notes through digital presentations and uses internet facility to deliver video lectures. During the pandemic period, academic load, tests, exams, events etc. are conducted by the staff members in online mode efficiently. The faculty feedback is taken from students to improve the teaching learning process. Mid-term and End term test is conducted for Internal assessment. The teachers identify slow learners and fast learners through direct assessment and take remedial classes for slow learners and provides additional guidance to advanced

learners. Assignments, experiments are planned and designed according to course outcome decided for the subject by Mumbai University. For some subjects tutorials are assigned by University. Some subjects contain the case studies or mini projects which help to cover application oriented topics to get practical knowledge of the respective subject. Indirect assessment is also taken for the students. MCQ tests are scheduled for each subject to get better understanding of the subjects. Mentoring activity is conducted which helps the students to discuss their problems with mentors. The Institution also offers training for placement and gets the students ready for the professional world through career counselling and training. Students of final year implement the projects as prescribed in curriculum & are encouraged to publish their research papers in conferences/ journals. Experts from industries, various institutions are invited for delivering the expert talks on current trends and requirements of industry. Industrial visits & internships are encouraged for providing idea about working environment in industries. Workshops, seminars, certification courses are organized to provide hands-on practice. Institute conducts PTIM at department level to give the idea to the parents about academic performance of their ward in the exams, attendance, behaviour etc. Queries of the parents are solved by faculties. Dept. of Applied Art conducts a practical dominating course with 20 percent theory with annual pattern that aims to teach students to express their views on the work executed by them, on the current practice as well as trends in communication design and interacting with other faculties, which helps them to achieve skills to defend their work, build up the confidence, acquire the skills of salesmanship and finally groom them into successful communication design professionals.

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
Microsoft Training Program	Nil	13/01/2020	8	Employability	Program Skill Development
Drone Workshop	Nil	11/02/2020	01	Employability	Program Skill Development
Coursera certification courses	Nil	01/05/2020	15	Employability	Program Skill Development

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BFA	Applied Art	01/07/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Computer Engineering	01/08/2019
BE	Information Technology	01/08/2019
BE	Electronics and	01/08/2019

	Telecommunication Engineering	
BFA	Bachelor of Fine Art (Applied Art)	16/08/2019

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

	Certificate	Diploma Course
Number of Students	130	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
Student Induction Program	07/08/2019	248
R Programming	04/01/2020	43
Fundamentals of Machine Learning	10/08/2019	70
Communication Skills	02/01/2020	60
Foreign Language	02/01/2020	60
Computer Graphic Design Software	04/01/2020	60
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Computer Engineering	32
BE	Information technology	142
BE	Electronics and Telecommunication Engineering	12
BFA	Bachelor of Fine Art (Applied Art)	60
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
The institution has a well defined policy and a streamlined procedure to collect feedback from internal stakeholders i.e students, teachers, parents and

external stakeholders i.e. employers, alumni, etc. Feedback process is conducted in every semester by all the departments which helps the departments institution for improving the teaching learning process, infrastructure, conducting extra activities, best practices for the students during their tenure. Such feedback provides a valuable source of information to measure their level of satisfaction. Students provide the feedback about teaching faculty, facilities, and various academic activities which helps the institute to continuously upgrade knowledge base of the manpower of a college, improve infrastructure, use of latest technologies and take necessary steps to bridge the curriculum gap. Feedback from external stakeholders is also used to enable students to meet professional requirements and the expectations from the industries. The analysis of these feedbacks is done on regular basis accordingly necessary corrective actions are taken by the concerned authorities for which the faculty viewpoint and institute quality standards are taken into account.

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
BFA	Bachelor of Fine Art (Applied Art)	60	60	60
BE	BE Information Technology (FE)	139	103	103
BE	BE Electronics and Telecommunication (FE)	70	60	29
BE	BE Computer Engineering (FE)	139	124	124
BE	BE Information Technology (DSE)	23	23	21
BE	BE Electronics and Telecommunication (DSE)	38	38	37
BE	BE Computer Engineering (DSE)	8	8	8
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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	Number of fulltime teachers available in the institution	Number of teachers teaching both UG and PG courses

			teaching only UG courses	teaching only PG courses	
2019	1296	Nil	79	0	79

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
79	79	4	21	5	10

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

The institute has a distinct mentoring system set in place to meet the academic and nonacademic issues of students. Each class has one class advisor and each batch has a mentor. Mentoring System has emerged as a strong response to the plight of students at-risk. For effective mentoring and for the welfare of students, group of 20-25 students are assigned to a faculty mentor at the commencement of the semester. Mentors meet their students and guide them with their studies and extra-curricular activities. The mentoring system is adopted to improve the rapport between the faculty and students. The mentoring sessions primarily focus on 1. Academic improvement by monitoring progress on regular basis 2. Time management, stress management organization. 3. Setting goals and monitoring progress. 4. Examination fear. 5. Boosting the students moral performance in terms of academics by providing guidelines ? Enhancing various soft skills. Faculty also assist students who need extra help to maximize their learning outcomes through mentoring sessions. Every mentor helps their mentees to identify their strength, weakness, talent skills, study habits and study techniques. Each mentor maintains record of their mentee's academic performance, keeps a track on their attendance. A mentor also caters to the psychological problems or any other relevant problems if any, of their mentees. Professional counseling is given by the college counselor Ms. Pooja Punjabi to promote the overall growth and development of student. Mentoring system is not only helping students at personal and professional level but also encourages them to face the challenges in life at greater ease. HODs and Faculty interact with the students and advise them from time to time about career guidance, competitive examinations, etc.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1296	78	1:17

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
69	79	0	13	7

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	Siddhesh Sushil Shirsekar	Assistant Professor	Global Teacher Role Model Award 2019', Global Teacher's

			Conference by MVLA
2019	International Typographic Conference	Assistant Professor	Poster Competition Winner, Typoday 2019
2019	Painting Entry	Assistant Professor	National Award Certificate of Merit, 'Prafulla Dahanukar Art Foundation',
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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	318824510 AND 318824580	8/4	17/10/2020	12/11/2020
BE	318837610	8/4	17/10/2020	13/11/2020
BE	318837210 AND 318837280	8/4	17/10/2020	24/11/2020
BE	318824610	8/4	17/10/2020	17/11/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The Academic Calendar prepared with reference to the University Calendar provides information on the set dates for curricular, Co-Curricular and Extra Curricular activities so that students can plan the course of action. Institute adopts all the major reforms in curriculum, examination pattern and evaluation process prescribed by the University of Mumbai. The regulations, curricular and syllabus of all the programmes are available on the institute website. Practical, oral, term work, theory exams at the end of the semester is as per the University schedule and time table. Internal assessment comprising Midterm and End term are conducted as per mentioned in the curriculum. As per the requirement of the University, the Institute has deputed a faculty at the post of Examination controller for better coordination among the Institution and the varsity for various University exams. Additionally, one member from every department jointly works in exam team for the smooth conduction of exam work throughout the year. Examiners for Orals and practical's are appointed by the institute from the approved panels of examiners as per the directives of university. Committee for Unfair means is also formed by the institute to address any problems related to exam. Third year students are advised to make Mini Projects and its presentations. Various evaluation reforms initiated by the Institution on its own are: MCQ online test, Prerequisites test, Group discussions, Seminar, Quiz, Presentation, Oral, Extra test etc. The internal evaluation process at Applied Art department is very thorough where the practical assignments and tutorials are meticulously planned throughout the year which covers the subject. Sometime on field - off field students explore new aspects of creativity in their journey. The Evaluation process ensures that no stone is unturned in the learning process. Be it submissions, creative demonstration or talent display. Both Students and faculty work strong and parallel to achieve the desired results.

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

At the beginning of each academic year, the University of Mumbai gives guidelines about Commencement and end semester dates, examination dates, holiday list etc. Accordingly, Institute level academic calendar is prepared incorporating all the details of the curricular, cocurricular and extra-curricular activities as per the plan decided in Academic Council meeting. Based on this, every department prepares its own departmental academic calendar. The teaching plan comprising daily and weekly lecture plan for each subject is prepared by concerned subject teachers. Students are made conversant with this academic plan by every faculty in the subject orientation at the beginning of the semester. During the semester, record of Lectures/ Practical/tutorials etc is maintained in the attendance register and also entered in the software by respective subject teachers. The Mid Term and End Term examination dates are followed as per the academic calendar. The schedule of these examinations is announced well in advance and also displayed on the Intranet and Notice board of Exam section and every Department. The assessment of Mid Term and End Term examination is completed in stipulated time. After showing the papers to students slow and advanced learners are found out. The Experiments, Assignments / Tutorials are assessed on regular basis. The MCQ test is conducted once in a semester for the better understanding of the subject by the students. The Pre-requisite test is conducted based on the contents of bridge course. All these activities conducted as per 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://pvppcoe.ac.in/views/naac/.docs/2.6.1%20CO's%20POs%20and%20PSOs.pdf>

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
318824510 AND 318824580	BE	Computer Engineering	132	132	100
"318837210 AND 318837280 "	BE	BE Electronics & Telecomm. Engg	82	82	100
318824610	BE	BE Information Technology	114	114	100

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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://pvppcoe.ac.in/views/naac/.docs/SSS.pdf>

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
Minor Projects	365	Mumbai University	9	190000
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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Nil	Nil	

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
Trust's with theme: Empowerment of Teachers for Building Sustainable Global Society	Siddhesh Sushil Shirsekar	Global Teacher Role Model Award 2019'	Nil	Global Teacher's Conference by MVLA
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
00	NA	NA	NA	NA	Nil
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

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

Name of the Department	Number of PhD's Awarded
General Engineering	1

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)
National	Applied Art	1	3.25
International	IT	1	6.2
International	Computer Engineering	1	6.2
International	General Engineering	1	6.2

International	EXTC	3	2.1
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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
Applied Art	4
General Engineering	7
Information Technology	7
Electronics and Telecommunication Engineering	13
Computer Engineering	23
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
00	00	00	Null	0	00	0
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Suppression of SSN in High-Speed Circuits using 1-D EBG Structure	Dr.Pramod Bhavarthe	IEEE-49239	2020	1	1	Vasantdada Patil Pratishthans College of Engineering Visual Arts
A novel Compact Electromagnetic Band Gap Structure to reduce the mutual Coupling in Multilayer MIMO Antenna	Dr.Pramod Bhavarthe	Progress In Electromagnetic Research M ,Vol.94,167-177,2020	2020	1	1	Vasantdada Patil Pratishthans College of Engineering Visual Arts
A switchable Triple-	Dr.Pramod Bhavarthe	Progress In Electromagnetic	2020	1	1	Vasantdada Patil Prat

band Notched UWB Antenna Using Compact Mlti-Via Electromagnetic Band Gap Structure		Research C ,Vol.104,2 020				issthans College of Engineering Visual Arts
Learning Through Gaming?	Siddhesh Sushil Shirsekar	Research into Design for a Connected World	2019	1	1	VIVA Institute of Applied Art, Palghar India
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	4	171	Nil	Nil
Presented papers	3	4	Nil	Nil
Resource persons	Nil	6	1	4
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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
Blood Donation Camp	Nehru Yuva Kendra	2	24
Waste Food Management	University of Mumbai	1	5
On Human Chain-Road safty Rally	RTO Department, Government Of Maharashtra , CSR, and CASI	1	7
Rashtriya Poshan Abhyan Rally	BMC	1	22
Organ Donation Drive	Grant Govt. Medical college and Sir J J group of Hospital. Mumbai	1	9
Mumbai University Campus Cleaning	University of Mumbai	1	6

Gas Distribution Awareness	BMC	2	13
Inguration Ceremony of book Gandhi@150	University of Mumbai	2	17
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
00	00	00	0
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
NSS	NSS	Independence Day	10	24
NSS	NSS	Beach Cleaning	2	24
NSS	NSS	Dadar beach cleaning	1	18
NSS	NSS	Chunabhatti Railway Station Cleaning	2	16
NSS	NSS	State Election Commission Training	1	3
NSS	NSS	Engineers Day	25	3
NSS	NSS	HIV/AIDS Awareness	6	9
NSS	NSS	Kolhapur Flood Donation	Nil	4
NSS	NSS	National Girl Child Day	20	24
NSS	NSS	Run For Unity	Nil	15
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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Faculty exchange	260	self	10
Student exchange	50	self	7
Faculty exchange	5	self	4

Faculty exchange	6	self	6
faculty exchange	6	self	6
Faculty exchange	12	self	6
Faculty exchange	30	self	4
Faculty exchange	2	self	4
Faculty exchange	2	self	4
Faculty exchange	5	self	4
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Expert lecture on Armbased Embedded Webserver in 2017 Expert lecture on Security in Embedded System	Internship	Nexus Technocrafts Automation Sol. Pvt. Ltd.	25/01/2017	31/12/2021	20
Sharing of research facilities	Project based learning	Numergion Technology (OPC) Pvt. Ltd.	03/04/2020	31/12/2021	10
Sharing of research facilities	Project based learning	NUOS Home Automation Mahalaxmi Sindhi Colony , Matunga West , Mumbai	03/04/2020	31/12/2021	10
Internship	Digital Liabrary and Course Material	M/s Ekeeda Private Limited shop no.4, Shivsmruti Building , S.P.Road, Next to Mumbai Darbar hotel , Lower Parel (E)	03/04/2020	31/12/2021	60
Sharing of research facilities	Project based learning	M/s 9Ledge Pro Private Limited, Mr.	03/04/2020	31/12/2021	7

		Shubhajit Poddar. (Sr. Manager 9Ledge Pro) Located at 406, D Wing, Three Jewels, Kondhawa, PUNE.			
Sharing of research facilities	Project based learning	Blocklogy Edutech Pvt Ltd, 5th floor , LT Seawoods Grand Central Tower 2 , Office No. E511 , R-1 , Sector 40 , Navi Mumbai , Maharashtra 400706	03/04/2020	31/12/2021	8
1. Jointly work on research projects , consultancy assignments ,faculty n staff development programs. 2. Industrial Visits. 3. Development of departmental laboratories 4. Expert Lectures. 5. Internship and Placements 6. Corporate trainings to	Internship	Numergion Technology (OPC) Pvt. Ltd.	03/04/2020	31/12/2021	10
1. Smart Home Automation products worth Rs.80k 2. Support for Industrial Visit for	Internship	NUOS Home Automation Mahalaxmi Sindhi Colony , Matunga West , Mumbai	03/04/2020	31/12/2021	10

students 3. Smart Partners in Annual meets , conference s, exhibition s.					
1. Provide setup of Digital Library on any 2 computers in Computer Department Laboratory no. 307 2. Installing the Ekeeda s oftware(.exe file) which will have the validity of 3 year 3. Arrange/cond uct one seminar per semester for the students o	Internship	M/s Ekeeda Private Limited shop no.4,Shivsmr uti Building , S.P.Road, Next to Mumbai Darbar hotel , Lower Parel (E)	03/04/2020	31/12/2021	60
1. 9Ledge Pro Private Limited going to provide 1 Raspberry Pi kit and 1 Arduino kit 2. Arrange/c onduct one seminar per semester for the students on recent trends 3. Provide Internship Opportunity to students	Internship	M/s 9Ledge Pro Private Limited, Mr. Shubhajit Poddar. (Sr. Manager 9Ledge Pro) Located at 406, D Wing, Three Jewels, Kondhawa, PUNE.	03/04/2020	31/12/2021	7
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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Blocklogy Edutech Pvt Ltd, 5th floor , LT Seawoods Grand Central Tower 2 , Office No. E511 , R-1 , Sector 40 , Navi Mumbai , Maharashtra 400706	04/03/2020	1. Internship Opportunity through Project Anubhav 2. Center of Academic Excellence 3. Commercial Projects to Student Teams 4. Access to 15 Commercial Projects which Blocklogy Edutech 5. Scratch to Screen Internship cum Project Develop	20
M/s 9Ledge Pro Private Limited, Mr. Shubhajit Poddar. (Sr. Manager 9Ledge Pro) Located at 406, D Wing, Three Jewels, Kondhawa, PUNE.	04/03/2020	1. 9Ledge Pro Private Limited going to provide 1 Raspberry Pi kit and 1 Arduino kit 2. Arrange/conduct one seminar per semester for the students on recent trends 3. Provide Internship Opportunity to students	20
M/s Ekeeda Private Limited shop no.4, Shivsmruti Building , S.P.Road, Next to Mumbai Darbar hotel , Lower Parel (E)	04/03/2020	1. Provide setup of Digital Library on any 2 computers in Computer Department Laboratory no. 307 2. Installing the Ekeeda software(.exe file) which will have the validity of 3 year 3. Arrange/conduct one seminar per semester for the stud	20
NUOS Home Automation Mahalaxmi Sindhi Colony , Matunga West , Mumbai	04/03/2020	1. Smart Home Automation products worth Rs.80k 2. Support for Industrial Visit for students 3. Smart Partners in Annual meets , conferences, exhibitions	8
Numergion Technology (OPC) Pvt. Ltd.	04/03/2020	1. Jointly work on research projects , consultancy	10

assignments
 ,faculty n staff
 development
 programs. 2.
 Industrial Visits.
 3. Development of
 departmental
 laboratories 4.
 Expert Lectures. 5.
 Internship and
 Placements 6.
 Corporate traini

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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
3955000	4001614

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Campus Area	Existing
Class rooms	Newly Added
Laboratories	Newly Added
Seminar Halls	Existing
Seminar halls with ICT facilities	Newly Added
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
e-Granthalaya	Fully	Ver.3.0	2007

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	33154	9809516	142	57827	33296	9867343
Journals	131	17012368	57	170335	188	17182703
e-Journals	2	6032815	2	208370	4	6241185
Library Automation	1	91500	1	10000	2	101500
e-Books	130	190602	0	0	130	190602

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
00	00	00	Null
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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	615	20	1	20	1	3	3	50	1
Added	6	0	0	0	0	0	6	0	0
Total	621	20	1	20	1	3	9	50	1

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

50 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
PVPPCOE E- CAMPUS	https://pvppcoe.ac.in/e_campus/media_center/

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
6093000	6723200	14835000	17775942.41

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)

1. Computer Facilities: AMC contract is given to external agency for the maintenance all computers within the college. The ESP deploys one full-time person in the campus to check all the equipments and take necessary actions. The ESP will ensure timely replacement of any parts as necessary. 2. Classrooms, Washrooms, Water purifier Water cooler: The institute has appointed external agencies for maintenance and repair of infrastructure. The classrooms and wash rooms are cleaned daily. Dustbins are placed in every floor. Maintenance of water Purifier is contracted by ACE Technology. They visit the campus for servicing of Water purifier and Water cooler. 3. Pest Control: Pest Control is conducted on a regular basis in collaboration with an external agency. Annual Maintenance contract is given to this external Agency. 4.

Electrical Facilities: The institute has appointed two dedicated staffs on regular basis for the maintenance of all the electrical facilities available in the campus. 5. **Elevator, CCTV Cameras Inter Telecommunication:** Annual Maintenance Contract is given to Victoria Elevators. Power Backup is available in Elevator. If the elevator gets stuck in middle, the ERD system in Elevator helps to reach nearest Floor and immediately the door gets opened. The maintenance of CCTV Cameras and Inter Telecommunication are done through external agencies. They visit the campus quarterly and do their servicing. 6. **ICT Class Rooms:** The care of the ICT class rooms is taken by the internal committee and the maintenance is done by an external agencies. 7. **Security**

Medical services: The institute has made an agreement with V.P.Security Services. The institute has appointed Dr.Preethi Shukla for the health check up and for any emergency. The institution also has first Aid boxes on each floor and in the workshop. Inspections of these first Aid boxes are carried out by the departmental clerk and any outdated medicine is replaced frequently. 8. **Fire Extinguishing Equipments Electronics Laboratory:** The college has made an agreement with external agencies. Electronics laboratory equipment is maintained by technical supporting staff. In case of any repair requirement, service is hired from outside agencies. 9. **Library:** Maintenance of the reprographic machine is done by Library staff. Books are weeded once in every 07 years, replacing them with new books. Periodic Maintenance of Books Dusting is conducted daily and damaged books are repaired as and when necessary. 10. **EWaste and Solar System:** The Institute has designated storage space for temporarily storing all electronic waste. The institute has appointed an ESP to collect ewaste yearly. There is CMC for one year for the cleaning of Solar System twice a month with external agency. 11. **Sports:** The maintenance of sports ground done regularly by the maintenance department of the institute. The indoor sports are maintained by the Sports committee of the institute monitored by the higher authority. Interim maintenance is performed as and when required. The purchase requests are forwarded to the principal of the Institution. The sports equipments which are not in use are discarded after an inspection from the committee.

<http://pvppcoe.ac.in/views/naac/docs/442%20Infrastructure%20SOP.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	Nil	Nil	Nil
Financial Support from Other Sources			
a) National	Govt.Scholarship	800	55488179.5
b)International	Nil	Nil	Nil
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Soft skill development	03/11/2020	106	Dr. Pratik Satam
Soft skill	14/01/2020	149	TPO, VPPCOE

development			VA,SION , MUMBAI
Soft skill development	08/01/2020	272	Infosys
Soft skill development	12/04/2019	130	TPO,VPPCOE VA,SION , MUMBAI
Soft skill development	13/11/2019	153	TPO,VPPCOE VA,SION , MUMBAI
Soft skill development	23/10/2019	70	TPO,VPPCOE VA,SION , MUMBAI
Soft skill development	16/10/2019	149	WIPRO
Soft skill development	23/09/2020	66	Prof. Rais Mulla,VPPCOE VA,SION , MUMBAI
Soft skill development	09/11/2019	271	Sunita Khadilkar
Soft skill development	28/08/2019	25	Prof. Rais Mulla,VPPCOE VA,SION , MUMBAI
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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
2019	Guidance for competitive examinations	114	936	3	119
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	15

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
51	328	102	16	18	17
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	1	Bachelor of Engineering	Computer Engineering	C-DAC, Pune	e-DAC (Online Diploma Course)
2020	1	Bachelor of Engineering	Information Technology	LA Trobe University	Master of Information Technology
2020	1	Bachelor of Engineering	Information Technology	NMIMS	Post Graduate Diploma in Business Managemant
2020	1	Bachelor of Engineering	Information Technology	St. Clair College, Windsor	Data Analytics for Business
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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
Civil Services	1
TOFEL	1
Any Other	1
No file uploaded.	

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

Activity	Level	Number of Participants
Poster	Institute Level	16
Quiz	Institute Level	20
Essay Writing	Institute Level	28
Meme	Institute Level	5
OnlineGame	Institute Level	16
Drone development and computing workshop	Institute Level	47
professors Plan	Institute Level	176
Crack the Code	Institute Level	174
Technical Quiz	Institute Level	268
Project Competition	Institute Level	97
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5.3 – Student Participation and Activities

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

Year	Name of the	National/	Number of	Number of	Student ID	Name of the
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	award/medal	Internaional	awards for Sports	awards for Cultural	number	student
2019	1st Prize in State level Calligraphy Competition organized by J. K. Acadamy of Art Design, Wadala	National	Nill	1	VU5F192029	Mihika Relekar
No file uploaded.						

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

The Student council was formed in academic year 2011-12, to complement the intense technical environment in the institute. Student council is an instrument for all round development of students, through which we inculcate sense of social responsibility and ethical behavior. This platform is provided for the students to have hands on training in administrative procedures, develop group management and leadership qualities. The objective of Students council is to create good citizen of India. Faculty head for student council is nominated by the principal. The student members are selected from the willing students. Keeping in mind the stake holder's interest, the students who have scored more than 60 percentage only can apply for student council posts. A student can hold only one post at a time. Once selected for Student council post the students is not given any other departmental or institute level committee responsibility. Students results for midterm, end term and university exam are monitored and if the result gets affected drastically then the student is to be removed from the post. At the selection the third year student is told to introduce himself and present his plans for the coming year. The Principal, and all Department HOD's, outgoing student council, together with all the CR's, and Final year students select the member by voice vote. All the departments are well represented in the council. The student council along with CR's is the bone of all extracurricular, technical, cultural and sports activities, such as Fusion, Sportivo, Ganpatti festival, Teachers day celebration, Independence an Republic day celebration and farewell to BE students. The ladies representative selected in students council is by default the appointed student representative for Grievance redressal in Womens Grievance Redressal Development Cell (WDC).

Even though the Institute is a co-education institute there is no Grievance reported. Students and Parents are also represented on Anti Ragging Committee as per the norms. Anti Ragging Committee, together with the squad are fully functional. No case of ragging is reported in the institute. The departmental Students committees EESA and ETSA organize extracurricular technical event "OSSILATION". Also CESA and ITSA organize extracurricular technical event "TANTRA" 1. Antariksh Patil General Secretary 2. Atharva Parulekar Cultural Secretary 3. Shubham Salunke Cultural Secretary 4. Nidhi Labde Cultural Secretary Ladies Representative 5. Ajay Pednekar Sports Secretary 6. Sneha Waykar Sports Secretary 7. Annmay Kadve Public Relation Officer 8. Vinay Veer Public Relation Officer 9. Saurabh Gupta Documentation Head 10. Yogesh Pande Documentation Head 11. Akhilesh Tawte Creativity Head 12. Khalid Ansari Creativity Head 13. Shraddha Gawade Member 14. Rutuja Dinde Member

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Padmabhushan Vasantdada Patil Pratishthan's College Of Engineering's interaction with alumni goes back to 20 years. We have a very strong relationship with our alumni on individual basis though the official association has been formed this year. Every year in March during cultural festival we organize an alumni meet wherein we provide a platform to our accomplished alumni to showcase their achievements and encourage their juniors. Respected General Secretary Sr. Advocate Appasaheb Desai and Principal acquaint the alumni regarding various aspects of the institution and puts across the mission for the future. During this meet alumni are invited to share their inspiring memories and take keen interest in the development of meritorious students with financial problems and explore opportunities for training and placement. Alumni Association facilitates bridging the gap between young upcoming engineers and accomplished alumni in accordance with industry needs and brings the theoretical knowledge and practical experience together. We are connected to alumni through social network facebook, whatsapp etc. and interact formally and informally. The suggestions given by Alumni are of immense importance to us. Alumni contribute to an enriching learning experience through expert talks , workshops, hands on training programs , project reviews and also as project mentors grooming the juniors. They also contribute towards preparing the students for placement by guiding them for aptitude test competitive exams, group discussion, personal interviews and also CV writing based on their personal experiences. Alumni take keen interest in development of teaching facilities not only by their suggestions but also by organizing workshops and guest lecture. Our alumni not only have been proved as technocrats but they have shouldered their social responsibilities adequately by contributing their technical knowledge for societal use. One of our alumni has mentored his junior to develop a website www.scudzap.com which gives information of various opportunities available in the industry and online certification courses. An alumnus is associated with the [LMC/CDC] College Development Committee who contributes expert industry insights.

5.4.2 – No. of enrolled Alumni:

312

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

2

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)

Many of the processes in Academics and administration that were centralized earlier are being selectively decentralized. The management has empowered the IQAC to take decision related to curricular, co-curricular and extra-curricular activities. Resulted in the IQAC, Principal, Head of Department and Faculty taking autonomous decision at their level for accomplishing the set goals. Decentralization has resulted in increasing the overall and effectiveness of the system and at the same time empowering and strengthening the capacities of the various branches of administration. Organization of Conferences and Seminars at State, National and International levels gives an opportunity for

the delegation and devolution of responsibilities and decision making which is the motive and essence of Decentralization. The existing organizational structure, as per the AICTE requirement, the institute has formed certain bodies in which there is more or less equal blend of faculty members and staff from different departments and sections which comply with the decentralization of role and participatory management. This gives everyone opportunity to play a role and handle responsibilities. The different bodies include the IQAC, Examination Cell, Anti Ragging Committee, Grievance Redressal Committee, Sport Committee and Research Committee. All these committees function in accordance to their specific guidelines. Case Study:- 1) Organization of Annual Function i.e. Fusion and Trikon 2) Organization of Technical Festival 3) Organization of First Year Engineering Students (FESA) Activity 4) Organization of International Conference (ICIRTE-2019). Process: The case study reflects the decentralized and participative management practiced in the college. The following steps are indicative of the same: Approval: In the first general staff meeting of college it was decided by consensus that the college would organize an Annual Function i.e. Fusion , Technical Festival, FESA Activity , an International Conference. In order to encourage the students and faculties, college organizes 5 workshops every year which includes theme painting, technical workshops where students are introduced with latest technological software for animation and game making. The Idol making workshops for giving basic idea of sculpture making. The IQAC forwarded the proposal to the college the Principal for final approval. Planning and Execution: A committee comprising of the staff members of various departments was formed to organize the conference. The head in consultation with senior staff members defined the scope and thrust area of the above events. Committees such as Research and Review Committee, Registration, Hospitality and Publicity were formed. The convener conducted separate meeting with each committee on regular basis to monitor was formed. The convener conducted separate meeting with each committee on regular basis to monitor the preparation for the conferences. The research committee reviewed the research paper. Other committees started their preparation such as publishing through website, social, media and personal reference, purchase of stationary, conference kit and certificates. The Principal was updated about the progress of conference work time to time. The finalization of the program was done in consultation with Principal. ICIRTE was held from 19-20 December, 2019. Outcome: The combined efforts of the Management, Principal, Convener, Committee Members and student Volunteers were fruitful

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
Teaching and Learning	Student's admission carried out as per DTE, AICTE and UGC norms.
Curriculum Development	Experts are invited from various fields to deliver guest lectures and industrial visits are arranged. The Career Guidance and Placement Cell organized an Educational visit for students .Many students are placed every year in different organizations through campus interviews conducted in our college, in collaboration with

prominent industries. In conferences and seminars industry experts are invited to deliver lectures and interact with the teaching staff. College has signed 5 MOU's with various industries such as Ekeeda, Blockology, 9ledgepro, Ambetronics, Numeregion's Tarang.

Examination and Evaluation

At the end of the academic year every teacher is given an Appraisal form on the basis of the UGC regulations. The form requires the teacher to give his/her Self-evaluation of the academic, co-curricular and extra-curricular work done during that year. It also requires the teacher to enumerate the papers presented at conferences, seminars, refresher courses and orientation programmes he/she has attended. The report to be filled in by each teacher is also evaluated and it analyses the duties performed with respect to lectures completed as per the teacher's planned lecture schedules, lectures taken. The Management appreciates notable performance of any faculty.

Research and Development

Institute having Information and Communication Technology (ICT) such as use of IntelliSpace software, LCD projectors, laptops, Internet, and on line resources like YouTube academic videos. The institute has well equipped

- 21 ICT enabled classrooms with lecture capturing system.
- 6 Smart Class rooms
- Conference room with ICT facility.
- ICT enabled Seminar room.
- Tutorial rooms.
- 39 laboratories including language lab.
- Library with seating capacity of 150.
- Departmental Library.
- Open play ground with turf.
- Gymnasium.

Library, ICT and Physical Infrastructure / Instrumentation

At the end of the academic year every teacher is given an Appraisal form on the basis of the UGC regulations. The form requires the teacher to give his/her Self-evaluation of the academic, co-curricular and research work done during that year. It also requires the teacher to enumerate the papers presented at conferences, seminars, refresher courses and orientation programmes he/she has attended. The report to be filled in by each teacher is also evaluated and it analyses the duties performed with respect to lectures completed as per

	<p>the teacher's planned lecture schedules, lectures taken. The Management appreciates notable performance of any faculty.</p>
Human Resource Management	<p>Examination Cell is headed by the Controller of Examination with 1 superintendent, 1 senior clerk, 4 clerks, 1 peon and one faculty coordinator from each department. COE of Exam Cell is responsible for the due custody of the records pertaining to his work. He reports and carry out duties / responsibilities assigned by Principal time to time. Chief conductor and senior supervisors are appointed for smooth conduction of exam. Offline /Online assessment is carried out for College Examinations in CAP Center. A CAP coordinator is appointed by Principal. CAP coordinator in consultation with HODs and Principal decides names of assessors and moderators.</p>
Industry Interaction / Collaboration	<p>The discipline-wise Board of studies (BOS) at University level is constituted with members from industry and academia. The meetings of the BOS are conducted by University of Mumbai for revision of syllabus which takes place normally every four year. BOS conduct meetings of the subject experts from various colleges and prepare the syllabus</p>
Admission of Students	<p>Teaching plans are prepared at the start of semester after attending the subject orientation program arranged by University of mumbai . These get verified and checked at different stages in accordance with syllabus and scheme of examination given by University of Mumbai / UGC. The teaching plan is drawn up semester wise by each department and it is strictly monitored by the Heads of Department.</p> <p>Apart from class-room teaching, students are encouraged to use library, internet facilities, NPTEL lectures etc. The effectiveness of teaching - learning process is reviewed on regular basis with following parameters. Students' feedback. Results of internal tests. Quality of assignment submitted. Final results of term / year.</p>

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

E-governance area	Details
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Planning and Development	All the academic planning as well as implementation is done by using Intranet and college website.
Administration	MIS is used to handle all types of administration work in college.
Finance and Accounts	MIS having facility for online finance and accounts work.
Student Admission and Support	For Student support MIS Application is available through which they can view various notice, academic schedule, various technical/non-technical activities details etc.
Examination	Students result available on website and from this year we are planning to start exam form will be accepted online

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
2019	Prachi Godbole	ICIRTE-2019	NA	2200
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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)
2020	Nil	Nil	Nil	Nil	Nil	Nil
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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
ISTE Approved one week STTP on Integrating Research Methodology Tools, Computer Vision and Natural	25	23/12/2020	28/12/2020	6

Language Processing

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
72	7	83	3

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. National Insurance accidental policy 2. LIC staff Gratuity Policy 3. Medical Officer for staff 4. Appointment of counselor for staff 5. PhD Leave	1. National Insurance accidental policy 2. LIC staff Gratuity Policy 3. Medical Officer for staff 4. Appointment of counselor for staff	1. Medical Officer for students 2. Appointment of counselor for students

6.4 – Financial Management and Resource Mobilization

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

The institute conducts internal and external financial audits regularly audited by external component authorizes. For internal audit, a team comprising of accountant, member of finance paves the way for error free accounts and it becomes easier for external auditor to conduct institute audit smoothly. As the audit work is done periodically and by various authorities timely, there are usually no major audit objections. Internal Audit: The Management of the college has appointed an internal auditor to detect errors at the earliest and devise effective control system to prevent their occurrence. Suggestions of internal auditor to improve the accounting financial system are incorporated. Internal audit is done on periodical basis. Observations made by the auditor are brought to the notice of accountant and Principal of the college. External Audit: The Management has appointed M/S S.S. Rane and Associates as an external auditor. The financial statement of the college including books of accounts, vouchers, statement etc are audited by the external auditor. The last audit was done for the financial year 2019-20. It was completed in 27 November 2020 and the report submitted to the management. No major objections were raised during last audit.

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
AICTE	720000	PRERANA Scheme
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6.4.3 – Total corpus fund generated

407492963

6.5 – Internal Quality Assurance System

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

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

Academic	No	Nil	Yes	Nil
Administrative	No	Nil	Yes	Nil

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

Every semester a Parent Teacher Interaction Meeting is conducted by every year to have discussion with the parents. The formation of Parent Teacher Association is in process.

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

PC H/W, S/W, Networking Troubleshooting and Advanced MS-Excel, Soft Skill, Photoshop conducted for Support staff from 11/05/2020 to 16/05/2020 which was attended by 116 staff members.

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

1. Process activated for NBA accreditation in near future. 2. Encouraged Department to increase industry interaction through collaborated industry laboratories and webinars. 3. To improve quality of teaching learning Process with blooms taxonomy is continued. 4. To improve the technical and aptitude skills in students myperfectice platform is introduced.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Regular meeting of IQAC for timely submission of AQAR to NAAC.	11/09/2019	11/09/2019	30/06/2020	17
2019	In order to enhance the skills of the students IQAC Included more number of certification courses	11/09/2019	13/01/2020	10/07/2020	83
2020	To enhance the practical knowledge of students in association with	02/01/2019	02/01/2019	01/06/2020	1296

industries
IQAC
initiated
more number
of Lab Colla
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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
Workshop on Self Defence for women	04/10/2019	04/10/2019	30	5
Celebration of International Day of Girl Child	11/10/2019	11/10/2019	27	5
Celebrating Birth Anniversary of Smt. Savitribai Phule (BalikaDivas)	06/01/2020	06/01/2020	30	7
Women's Day (Planned but was not executed due to Covid-19 lock down)	16/03/2020	16/03/2020	0	0

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

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

45

7.1.3 – Differently abled (Divyangjan) friendliness

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

development for differently abled students

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
2019	1	Nil	13/09/2020	1	NEET Examination 2020	Conduct ion of NEET Examination 2020.	480
2019	1	Nil	24/06/2019	72	Facilitation Centre for FE and DSE (FC3188)	First Year and Direct Second Year Admission Document Verification and Admisssion Council ling	200
2020	Nil	1	Nil	Nil	During Lockdown period , staying facility for SRPF.	During Lockdown period , staying facility for SRPF.	120

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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)
Students handbook	30/08/2019	The purpose of the Student Handbook is to give students and their parents/guardians an understanding of the general rules and guidelines for attending and receiving an education in our institute PVPPCOE. Students and parents/guardians should be aware that this document is reviewed annually since policy and procedure adoption is an

ongoing process. The most recent adopted policy or procedure will always prevail. The handbook may be amended at any time and those changes will be communicated by the administration to the staff, students and parents/guardians. The following represents our expectations of all students: 1. No student has the right to interfere with the education of his/her fellow students. 2. Respect the rights of other students. 3. Express your ideas in a respectful manner, as not to offend or slander others. 4. Be aware of all rules and standards and conduct yourself accordingly. 5. Assist staff in creating a safe college or all students 6. Be aware of and comply with state and local laws. 7. Exercise proper care when using facilities and equipment. 8. Attend college daily and be on time to all classes and activities. 9. Attempt to complete all courses satisfactorily. 10. Assume financial responsibility for any and all damages to facilities, equipment and personal property

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Tree Plantation (College Campus)	09/08/2019	13/08/2019	19
Beach Cleaning (Dadar)	21/09/2019	24/09/2019	24
Swachta Hi Seva (Chunnabhati Station)	25/09/2019	29/09/2019	18
Swachh Bharat Abhiyan (Sion Fort)	08/09/2019	11/09/2019	12

Beach Cleaning (Dadar)	16/11/2019	19/11/2019	19
Swachh Bharat Abhiyan (College Campus)	21/01/2020	25/01/2020	6
HIV/AIDS Awareness	28/01/2020	01/02/2020	22
View File			

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

The institute is located at the heart of Mumbai and is very well connected to all sectors like Western, Central and Harbour part of the city by Public transport such as BUS and Railway. Majority of the staff and students uses the public transport for daily commutation. The institute has taken new initiative to follow at least one day in a week as a car-pooling Day" to curb air pollution, carbon emissions, traffic congestion on the road. Plastic free campus: The staff and students are encouraged for not using plastic. The Eco club of the college has organized seminars and various activities for spreading awareness on preserving our green heritage. The same was also demonstrated for the students by arranging street plays. Slogans for plastic free campus are also made and displayed by the Eco club of the institute. Paperless office: PVPP strives hard and work towards reducing the usage of papers that helps in the overall improvement of the college in terms of teaching learning process, administration, environmental concerns etc. Intranet system is also followed for updating circulars and other important data there by reducing the usage of papers and thus helps in conservation of resource. Important messages are sent to students through bulk SMS system. Faculty feed back is taken by using online platform. The office is equipped with PC so by all means the data is digitized. Leaves are to be applied and sanctioned through MIS. Because of the digitization of the data, the members of the college are finding it very easy to save the data which is more secure and has made a positive impact on teaching staff and students. Green Landscaping with trees and plants: Amidst the concrete jungle, PVPPCOE is surrounded by lush green campus and coconut lagoons. This not only helps in curbing the air pollution but also this pleasant environment is energy boost for its students and faculties. Tree plantation camps are organized in the campus where in all the students actively participate in the camp and plants many variants of trees. The campus is fenced by high standing coconut trees, Saracaasoca trees, mango trees, hibiscus etc. As major students from the college travel via public transport, though we encourage other students too to share an automobile or travel through public services. We believe small involvements leads bigger global constructive contributions. Being a practical course from applied art we constantly encourage our students to value the art material and optimal use of it. PVPP college has installed solar power generation system of 72.86 KW capacity at college roof top 45 of energy requirement of college is supplied by renewable energy source as solar system installed. this helps in net carbon reduction yearly. The college has rain water harvesting and STP plant by which the rain water and waste water is saved and utilized for gardening.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practices 1 Title: Empowering Employability skills. Objective: To enhance and empower quantitative and qualitative aptitude of the students for effective employability by providing proper training which is required for the placements so as to make them sound not only technically but also make a versatile personality by understanding the needs of industries. To expose students to the

recent technologies by arranging regular industry interaction meets which involves a thorough discussion and interaction with HRs of various companies. Context: A professional course like engineering strives to get maximum number of its students placed through campus interviews. The increasing competition makes it imperative that apart from regular degree certain skills are required by engineers. Industries while advertising for various posts even mention essential skills required along with the essential qualification. Various companies involved in the Placement drives in the institute had given the feedback that despite, the student being technically sound, he should be properly trained for the skills which are required for the placements recognizing the need, the student undergo internship with different industries. Regular industry interaction meets which involved a thorough discussion and interaction with HRs of various company have helped us to understand the need of having student exposure to the recent technologies. In this context the institute has signed 17 MOU with different industries. The practice: As part of the TPO activities we conduct various programs to improve the employability skills of our students. We make sure their technical skills are updated and communication and soft skills are in place. In this regard we conducted Career Guidance Seminars, a Seminar on Improving Employability Skills, and a special initiative on Aptitude and Soft Skills Training, a Seminar on How to prepare for an Interview, a Training Program IMS Training on Aptitude and Soft Skills Training. In order to provide information on Overseas Education, we also conduct short-term programs on Education Abroad. It has been our constant endeavour to make sure our students are updated and possess all the necessary skills that make them engineers in last couple of years we have conducted a total of 35 programs related to improving Technical Skills, Gate Preparation, and on Overseas Education. The program included improving Soft Skills, Technical Skills which includes sessions on Machine Learning, Artificial Intelligence, Cloud Computing, Programs to learn Python, Seminars on Cyber Security, Big Data, and Ethical hacking, and Communication Skills, Informing students about various examinations, like GATE, GRE, TOEFL, and IELTS. We also held Microsoft Certification Program in order to make our students techno-friendly. PVPPCOE facilitates the process of placement of students passing out from the Institute besides collaborating with leading organizations and institutes in setting up of internship and training program of students. The office liaises with various industrial establishments, corporate houses etc which conduct campus interviews and select graduate and post-graduate students from all disciplines. The Training Placement Office provides the infra-structural facilities to conduct group discussions, tests and interviews besides catering to other logistics. The Office interacts with many industries in the country, of which nearly 200 companies visit the campus for holding campus interviews. The industries which approach the institute come under the purview of: Core Engineering industries IT IT enabled services Manufacturing Industries Consultancy Firms Finance Companies Management Organizations R D laboratories. We are happy to state that our institute is designated as the Microsoft Imagine Academy. Overall, it is the vision of the institute that our students are a class apart and we constantly work hard to motivate our students and to make sure they make the requisite industry standards. In the AY 2019-20, as an initiative of skills enhancement during lock-down, TPO in association with 9LedgePro conducted a one-week series of certifications in different programming languages like C, Java, Computer Networking and Python programming for all the students all over India and received a very good response. Evidence of success: We are equally delighted to share a story which highlights why an engineering education at PVPPCOE matters is that from the academic year 2012-13, there is an exponential increase in the companies that visited for the placement drive .The maximum companies visited our campus for Placement Drives is 96 that includes the reputed ones like Cap Gemini, IGATE, Covonix, TCS, LT Infotech, Mirraw Ariston Capital, Diebold System, Protegrity, Qspiders, Zeus

learning IBM Amazon, Media.net and many more. Majority of the recruiters prefer our institute as the venue for the Pool Campus Placement Drives. One week series of certification received a very good response from the students all over India along with the students of PVPPCOE. Table below gives the evidence of success for test series certification.

Sr. No.	Name of Tests	conducted	No. students appeared	No. of students passed
1	Java Programming	1693	1496	
2	Python Programming	1826	1334	
3	Computer Networking	1681	1419	
4	C Programming DS	4297	3624	

It is also our continuing endeavour to better our services towards our ultimate customers, the aspiring engineers of PVPPCOE. Problems encountered and resources required: Lack of attention towards education is one of the major issues faced by the students. The student expects high package but they hardly fight for it, in the ways of their dream they ignore their education and are unwilling to study hard for it. The tendency of Over-expectation in oneself is very high in students without analysing their own capabilities. Another major challenge faced by student is time constraint. The heavy academic curriculum restricts the student from undergoing rigorous training programs which are otherwise organized for them.

Best Practices 2
Title: Enhancing the skill set of faculty members in the Emerging trends of technology.
Objective: To encourage and motivate the faculty members to upgrade their technical skill set to help themselves and students to solve real world problems.
Context: Faculty members at PVPPCOE are encouraged and motivated to upgrade their technical knowledge in various emerging trends which can help them to adapt the timely changes in the curriculum and subject trends by the University for smooth conduction of academics. This will help for the overall development of the students and prepare the students as per the industry requirements. The institute adopted the policy to encourage all the faculties undergo Faculty Development Programs (FDP) / Short Term Training Programs (STTP) / skills training / certification courses in their area of expertise to become familiar with latest technologies in the field of engineering.
The practice: ? The institute has a practice of taking feedback from the recruiters who used to visit our campus for placement. The collected feedback is analyzed by the IQAC. Based on the feedback the faculty development course and student's development courses are organized. ? One of the faculty Prof. Rais Mulla attended special training from Infosys and other leading software industries. This can help to guide the students as per industry requirement. ? This mechanism helps to improve the quality of teaching learning which indirectly helps the students to grab better job opportunities. These courses lead to the overall development of the institute.
Evidence of success: In AY 2019-20, most of the faculty members upgraded their skill set with the help of various certification courses from Coursera, AICTE Training and Learning (ATAL) Academy and the various FDPs conducted by our college and the other colleges. Problems encountered and resources required: In the second half of AY 2019-20, due to Covid - 19 pandemic and lockdown situation, some of the trainings taken by the faculty members were virtual events.

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

[http://pvppcoe.ac.in/views/naac/.docs/7.2_Best%20Practices\(2018-19\).pdf](http://pvppcoe.ac.in/views/naac/.docs/7.2_Best%20Practices(2018-19).pdf)

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

The Institution inculcates social consciousness among its students through active forums such as NSS and Eco club. Many social activities are undertaken in the institute in the societal context. The strong, active and enthusiastic NSS unit and Ecoclub of the institute undertakes many social activities which includes blood donation, charity for underprivileged children, One week

residential camp, maintaining the green campus and herbal garden observing save fuel day and many more. Blood donation: Blood donation drive is organized to spread the awareness of blood donation and create a sense of social responsibility amongst the student every year to help needy patients. Blood donation is a most important social service to the humankind. NSS Residential Camp: With the motive to inculcate the sense of social responsibility and help to educate the people from the weaker section of the society, every year NSS group organizes one week residential camp in some rural area of the state. During this camp, NSS students and faculty members visit schools, families and create awareness programs like education, cleanliness, health awareness. They also generate awareness about many aspects through street plays, rally and expert talks. Along with the robust teaching learning process of the institute, its contribution towards society is definitely one of the distinctive features which support the institute vision and mission.

Provide the weblink of the institution

<https://www.pvppcoe.ac.in/student/clubs/#NSSClub>,
<https://www.pvppcoe.ac.in/student/clubs/#NewsletterClub>

8.Future Plans of Actions for Next Academic Year

The institute has set the following goals for the next academic year: 1. In view of better performance of students in campus placement, technical and aptitude tests will be conducted. 2. To attract more companies for campus placement. 3. To focus on improvement in the online mode of teaching- learning process. 4. To arrange FDPs, webinars, Art Exhibitions and Online Quizzes etc. 5. To prepare for NBA Accreditation.