



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN
Name of the head of the Institution		Prof. Dr. Sandip Raosaheb Patil
Designation		Principal (in-charge)
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		020-24371684
Mobile no.		9423211277
Registered Email		coewpune@bharatividyaapeeth.edu
Alternate Email		srpatil44@gmail.com
Address		PUNE - SATARA ROAD,, DHANKAWADI, TAL :- HAWELI DIST :- PUNE. PIN :- 411 043., PUNE
City/Town		Pune
State/UT		Maharashtra

Pincode	411043																		
2. Institutional Status																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Women																		
Location	Urban																		
Financial Status	private																		
Name of the IQAC co-ordinator/Director	Prof. Sucheta Tirtharaj Khot																		
Phone no/Alternate Phone no.	02024371684																		
Mobile no.	9881490761																		
Registered Email	khotst@gmail.com																		
Alternate Email	sucheta.khot@bharativedyapeeth.edu																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	http://coewpune.bharativedyapeeth.edu/media/pdf/NAAC_AQAR_2018-19_180320.pdf																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	http://coewpune.bharativedyapeeth.edu/index.php/naac/aqar#academic-calendars-2018-19																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B+</td> <td>2.62</td> <td>2018</td> <td>02-Nov-2018</td> <td>01-Nov-2023</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B+	2.62	2018	02-Nov-2018	01-Nov-2023
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	B+	2.62	2018	02-Nov-2018	01-Nov-2023														
6. Date of Establishment of IQAC	12-Jul-2017																		
7. Internal Quality Assurance System																			

Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Seminar on Office Administration	19-Dec-2018 1	40
FDP on AWS-Academy cloud foundation	06-May-2019 4	32
FDP on electronic design automation using mentor graphics back end tool	21-Feb-2019 3	12
Entrepreneurship Awareness and Development	26-Feb-2019 2	70
NPTEL online courses	27-Jan-2019 84	48
Workshop on Cyber Crime and Security Awareness	08-Feb-2019 1	30
Workshop on Excel Programming	08-Jan-2019 1	34
Review of AAA	09-Jul-2018 1	19
Participation in NIRF	01-Jun-2018 365	127
NAAC Accreditation Peer Team Visit	28-Sep-2018 2	127

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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
Student Development Section	Karmaveer Bhaurao Patil Earn & Learn scheme	Board of Students' Development, SPPU, PUNE.	2018 50	100000
National Service Scheme	NSS	SPPU	2018 7	59000
National Service Scheme	NSS	SPPU	2018 365	42000
Student Development Section	Nirbhaya Kanya Abhiyan	Board of Students' Development, SPPU, PUNE.	2018 3	15000
Student Development	Distaster Management	Board of Students'	2018 2	25000

Section	Training Programme	Development, SPPU, PUNE.		
Student Development Section	Entrepreneurship Awareness and Development	Board of Students' Development, SPPU, PUNE.	2018 2	15000
Student Development Section	Basic C and data Structure Workshop	Board of Students' Development, SPPU, PUNE.	2018 3	10000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
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Upload latest notification of formation of IQAC	View Link
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10. Number of IQAC meetings held during the year :	3
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The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
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Upload the minutes of meeting and action taken report	View Uploaded File
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11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
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12. Significant contributions made by IQAC during the current year(maximum five bullets)

Received NAAC Accreditation B Plus, with CGPA 2.62
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Arranged national level workshop on AWS cloud Foundation for 4 days

Motivation for staff to join NPTEL online courses through which 48 faculty members enrolled in various courses and 25 successfully completed their course with 8 Elite certification, 12 Elite silver certification and one Gold
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Efforts taken towards increasing the number of internships through AICTE Internshala others , total count is 110 IT 1, Computer 13, ETC 96
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Institute magazine Oyster 17 received Second Prize from Savitribai Phule Pune University
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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
Arranging national or international level workshops, Seminars & Conferences	4 days national level workshop on AWS cloud foundation arranged by computer engg. dept.
Motivating faculty for ICT based teaching-Learning	48 faculty members enrolled in various courses and 25 successfully completed their course with 7 Elite certification, 12 Elite silver certification and one Gold
AAA planned	Academic Administrative Audit carried out successfully and review taken
IQAC Meetings scheduled	Conducted three meetings
Industry Institute interaction to be improved	MOUs have been increased upto 18
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
College Development Committee (CDC)	12-Nov-2019

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

Yes

Date of Visit

29-Sep-2018

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

07-Jan-2019

17. Does the Institution have Management Information System ?

No

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

With the vision of Women Empowerment through Technical Education, student centric approaches are used to plan and execute academic effectively. Department Advisory Board (DAB), Program Assessment Committee (PAC) are actively involved and provide inputs for effective curriculum planning and implementation at the institute level. Planning • Work load calculation and distribution is done well in advance based on course choices given by faculty, their experience and course expertise. • Faculty members prepare their course files as per the course syllabus and structure. • The academic calendar is prepared in reference to the affiliating university SPPU and circulated to all staff. • The class-wise time table is prepared. • Individual time tables are given to faculty. • Lab time tables are displayed in respective department's laboratories. • Faculty members prepare planning of course objectives, outcomes, notes, teaching plan and record it, in academic record book. • Required resources and set ups availability is ensured in the laboratory before the practical conduction. • Student registration is done on the first day of commencement of each term. Implementation • Subject related special programs or trainings are conducted to bridge the gap between institute and industry. • Industrial visits are organized to provide the contents beyond syllabus to the students. • Weekly review of each course is taken by heads of department and necessary instructions are given. • The institute has an effective and transparent attendance monitoring system. • Parents of students having less attendance are communicated by sending letters, phone calls and called for meeting. Effectiveness • To support academic effectiveness, institute has a system of Guardian Faculty Members for each class and student counselor for each batch of students to increase the rapport with students and to address their problems. • Provision of students class representative and student batch coordinators, facilitate students to raise their problems. • For the effective conduction of practical, lab-notebook is in place and mid-term submission is conducted. Continuous assessment of each student is done based on the practical conduction, assignments submission, performance in unit test, prelim test, retest and oral. Institute conducts mock practical and oral examinations. • Faculty members are encouraged to participate in Faculty Development Programs, Syllabus Detailing Workshops, organize Expert Lectures. Faculty members are making effective use of ICT. Subject mentors guide subject teachers in resolving their queries. • Institute has central online feedback system which collects feedback from the stakeholders. • Faculty appraisal system for performance evaluation is in place. • Considering the scope in industry and opportunity to opt for higher studies, the E&TC department has taken initiative and started post graduate course, ME (E&TC) with specialization in VLSI & Embedded Systems from A.Y. 2013-14. • As a part of continuous assessment and to maintain the quality of topics, department conducts presentations and demonstrations for seminars and projects. Publications and Exhibitions : Students are encouraged to publish their project work in reputed conferences and journals and participate in project exhibitions. To summarize, the best academic planning, preparation and monitoring system is in place,

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
Employability and Skill Development Program	NA	19/01/2019	6	Employability	Soft skills required for placement
Circuit Building and	NA	26/07/2018	2	Employability and entr	Technical development

PCB Design				epreneurship	required for project implementation
Hands on workshop on Mini Project	NA	08/02/2019	3	Employability and entrepreneurship	Design and development of PCB
Cross Platform with Mobile Application Development	NA	19/08/2018	3	Employability and entrepreneurship	Android app development
C Programming	NA	17/09/2018	3	Employability	Programming Skills

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	Software Testing and Quality Assurance (414457C)	15/06/2018
BE	Audit Course - V (Statistical Learning Model Using R.)(414461D)	15/06/2018
BE	Ubiquitous Computing (414463)	15/12/2018
BE	Social Media Analytics (414464D)	15/12/2018
BE	Audit Course - VI (IoT - Application in Engineering Field.)(414469A)	15/12/2018
BE	VLSI Design and Technology (404181)	15/06/2018
BE	Radiation and Microwave Techniques (404183)	15/06/2018
BE	Digital Image and Video Processing (404184)	15/06/2018
BE	Audit Course 5 - Green Energy (404196A)	15/06/2018
BE	Machine Learning (404191)	15/12/2018
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Information Technology	15/06/2018
BE	Computer Engineering	15/06/2018

BE	Electronics and Telecommunication	15/06/2018
ME	VLSI and Embedded Systems	15/06/2018

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

	Certificate	Diploma Course
Number of Students	319	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
Japanese Language moduleI (SE ETC Audit course) sem I	06/08/2018	95
Cyber Security(TE ETC, Audit Course)Sem I	13/10/2018	90
Green Energy(BE ETC, Audit Course)Sem I	05/09/2018	110
Japanese Language moduleII (SE ETC Audit course) sem II	16/03/2019	95
Embedded System Design using MSP430(TE ETC, Audit Course)Sem II	01/03/2019	90
Enviornment Studies (BE ETC, Audit Course)Sem II	20/03/2019	110
Japanese Language moduleI (SE IT Audit course) sem I	07/07/2018	71
Leadership and Personality Development(TE IT, Audit Course)Sem I	10/07/2018	74
Statistical Learning model using R.(BE IT, Audit Course)Sem I	21/07/2018	70
Japanese Language moduleII (SE IT Audit course) sem II	05/01/2019	70
Intellectual Property Rights and Patenting(TE IT, Audit Course)Sem II	21/01/2019	73
IoT Applications in Engineering Field(BE IT, Audit Course)Sem II	12/01/2019	69
Japanese Language Module 1(SE COMP, Audit Course, Sem I)	21/08/2018	69

Core Java 8 SDK 1.8(TE COMP, Audit Course, Sem I)	14/08/2018	74
Machine Learning using Python(BE COMP, Audit Course, Sem I)	09/07/2018	69
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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	Information Technology	20
BE	Computer Engineering	17
BE	Electronics and Telecommunication	105
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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>The centralized feedback committee of the Institute collects the online feedbacks from institute stakeholders from time to time. Feedback from students, teachers, parents, alumni, and employers are intensively applied for enhancing the overall development of the Institution. At the end of every semester, the committee collects and analyzes the department wise faculty course feedback from students for a comprehensive progression of the course teachers. The committee also collects the structured curriculum-course feedback from students as well as teachers at the end of every academic semester. The analysis of the feedback is discussed by the institute representatives during the syllabus setting and detailing workshops organized by the University and Board of Studies (BoS) meetings. Each department conducts a graduate exit survey of final-year students about the teaching-learning process, curriculum, co-curricular extracurricular activities, infrastructure facilities, Training/Placement activities, continuous improvements, and industry supports. The corrective action plan is implemented after discussions of the Head of the Institute with Heads of the departments. The feedback committee collects the feedback of alumni at the time of the annual Alumni Meet to strengthen the bond between the Institute and alumni for getting the sponsorship for the projects, internships, and to schedule, the alumni talk. Feedback collected from the practical and project external examiners about the students are used for enriching the quality of practical implementation and projects. From current year feedback committee has started collecting the feedback of Employers to enhance the curriculum and to bridge the gap between industry and academia for better employment opportunities. Feedback from parents is collected during</p>

every semester departmental parents meet. Constructive suggestions given by parents are discussed in faculty meetings and corrective actions are initiated. The institution organizes various programs that focus on human values, life skills, employability, creating competency in the technology based on the suggestions mentioned in the feedbacks for the advancement of the Institute.

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	Bachelor of Electronics & Telecommunication Engineering	120	76	76
BE	Bachelor of Computer Engineering	60	55	55
BE	Bachelor of Information Technology	60	41	41
ME	Masters of Electronics & Telecommunication Engineering (VLSI & Embedded System Design)	18	4	4

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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	886	8	57	0	3

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
60	16	6	2	0	9

[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)

Institute has students mentoring system named as “Student Counselling”. Every class of students is divided into number of batches of 15 to 20 students and each batch is assigned one faculty as student counsellor. For conducting student counselling meeting extra time slot is provided in regular class timetable. This schedule of meeting is declared to the students at the beginning of every semester in the academic calendar. Students meet with their counsellor to discuss about their problems and issues faced during the regular working hrs. Also the students are free to discuss their own problems if any. The minutes of such meeting are noted in the prescribed format only. The suggestions given by the students for problem solving are noted and conveyed to the respective department for further necessary action. Most of the times, students get the solution to their problems due to discussion in such meetings and point raised during such meetings. Review of such meetings is taken in departmental staff meeting to convey it to the head of the department.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
894	60	1:15

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
51	60	0	0	10

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	SUCHETA TIRTHARAJ KHOT	Professor	Awarded Elite grade in NPTEL-AICTE approved online course under faculty development program on subject “Analog Circuits”
2019	SUCHETA TIRTHARAJ KHOT	Professor	Awarded Elite grade in NPTEL-AICTE approved online course under faculty development program on subject “Teaching And Learning in Engineering (TALE)”
2019	SUVARNA SANDIP CHORAGE	Professor	Awarded Elite grade in NPTEL-AICTE approved online course under faculty development program on subject “Modern Digital Communication Techniques”
2019	SHARADA LAXMAN KORE	Associate Professor	Awarded Elite Silver grade in NPTEL-AICTE

			approved online course under faculty development program on subject "Roadmap for patent creation"
2019	SAMPADA ABHIJIT DHOLE	Assistant Professor	Awarded EliteSilver grade in NPTEL-AICTE approved online course under faculty development program on subject "Introduction to Research"
2019	SUMATI JAGDALE	Assistant Professor	Awarded EliteSilver grade in NPTEL-AICTE approved online course under faculty development program on subject "Introduction to Research"
2019	SHWETA SADANAND SALUNKHE	Assistant Professor	Awarded Elite grade in NPTEL-AICTE approved online course under faculty development program on subject "Analog Circuitss"
2019	VARSHA	Assistant Professor	Awarded EliteSilver grade in NPTEL-AICTE approved online course under faculty development program on subject "Introduction to Research" ,Topper of 2 in this course
2019	ROMA JAIN	Assistant Professor	Awarded EliteSilver grade in NPTEL-AICTE approved online course under faculty development program on subject "Introduction to Research" ,Topper of 2 in this course
2019	ROSHNA JAISING SAPKAL	Assistant Professor	Awarded EliteSilver grade in NPTEL-AICTE approved online course under

faculty development program on subject "Introduction to Research" ,Topper of 2 in this course

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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	EN628524610F	I/FE	29/12/2018	12/02/2019
BE	EN628524610F	III/SE	13/12/2018	12/02/2019
BE	EN628524610F	V/TE	12/12/2018	24/01/2019
BE	EN628524610F	VII/BE	20/12/2018	01/02/2019
BE	EN628524610F	II/FE	28/05/2019	21/07/2019
BE	EN628524610F	IV/SE	29/05/2019	21/07/2019
BE	EN628524610F	VI/TE	28/05/2019	22/07/2019
BE	EN628524610F	VIII/BE	01/06/2019	18/07/2019
BE	EN628524510F	I/FE	29/12/2018	12/02/2019
BE	EN628524510F	III/SE	13/12/2018	12/02/2019
BE	EN628524510F	V/TE	12/12/2018	24/01/2019
BE	EN628524510F	VII/BE	18/12/2018	01/02/2019
BE	EN628524510F	II/FE	28/05/2019	21/07/2019
BE	EN628524510F	IV/SE	29/05/2019	21/07/2019
BE	EN628524510F	VI/TE	28/05/2019	22/07/2019
BE	EN628524510F	VIII/BE	09/06/2019	18/07/2019
BE	EN628537210F	I/FE	29/12/2018	12/02/2019
BE	EN628537210F	III/SE	13/12/2018	12/02/2019
BE	EN628537210F	V/TE	12/12/2018	24/01/2019
BE	EN628537210F	VII/BE	19/12/2018	01/02/2019
BE	EN628537210F	II/FE	28/05/2019	21/07/2019
BE	EN628537210F	IV/SE	29/05/2019	21/07/2019
BE	EN628537210F	VI/TE	28/05/2019	22/07/2019
BE	EN628537210F	VIII/BE	08/06/2019	18/07/2019

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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 Savitribai Phule Pune University, so rules regarding evaluation are followed as per the instructed by notifications issued on university website. These are sent to all departments through college exam officer. Notices are circulated among students for the awareness of the

fairness and total transparency in the evaluation process. Credit System for Undergraduate programs beginning with F. E. was introduced by SPPU in 2015. The evaluation of current system is a continuous process involving a combination of MCQ computer based online examination and end semester examinations for first and second year students and in semester and end semester examinations for third and final year students. Thorough assessment methodologies are adopted at institute level such as Unit Test, Theory Assignment, and various learning based activities are implemented by the institution to test students learning outcomes. Institute prepares its students for exams through Unit Tests 1, Unit Tests 2 and assignments for theory exam, practice turns for practical and mock exam for practical and oral exams according to the academic calendar.

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

Institute has functional IQAC under which IQAC coordinator and NAAC coordinator prepare institute academic calendar. This calendar has three sections which includes academics related activities, events section and various meeting schedule. Academics section of academic calendar helps students to know the dates of commencement and conclusion of teaching, unit tests and tentative university examination schedule. This section also displays students the remedial action plan for various examinations. For attainment of course outcomes, orals for some of the units in course are scheduled. Term work marks for respective courses are calculated based on academic performance of students in various activities such as unit test, assignments oral, midterm submission and attendance. University examination schedule is conveyed to the students through the institute CEO (College Examination Officer). Students are made aware of the assessment methods at the beginning of the semester and whenever necessary. The assessed answer sheets of internal tests (Unit Test) are given to the students and performance is discussed by the course teacher. Students having grievances with the internal evaluation process can directly discuss their doubts individually with respective faculty members. Students can approach the Head of the Department and Principal in case of any grievances. Academic calendar also gives information about nontechnical activities and celebration of various Day's such as Yoga Day, Independence Day etc. Student counselling meetings and mentor meetings schedule is displayed in advance to all students and faculty through 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://coewpune.bharativedyapeeth.edu/index.php/naac/agar>

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
EN628537210F	BE	Bachelor of Electronics & Telecommunication Engineering	109	102	93.57
EN628524510F	BE	Bachelor of Computer	63	61	96.82

		Engineering			
EN628524610F	BE	Bachelor of Information Technology	69	69	100
EN628534110	ME	Master of Electronics & Telecommunication Engineering	4	4	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://coewpune.bharativedyapeeth.edu/media/pdf/Student_Satisfaction_Survey_Analysis_18-19_230120.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
Projects sponsored by the University	730	IQAC, Savitribai Phule Pune University Pune	2.5	0

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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Seminar on Cyber Security	Department of Information technology	28/02/2019
Seminar on Github Repository	Department of Information technology	28/02/2019
Seminar on Python Programming	Department of Information technology	01/03/2019
Workshop on Android App. Development	Department of Information technology	02/03/2019
Seminar on Application of Computer Graphics: Case Studies	Department of Information technology	29/03/2019
Seminar on Cross Platform Mobile Application Development	Department of Computer Engineering	10/07/2018
Two Days Workshop on Neural Networks and Deep Learning	Department of Computer Engineering	11/02/2019

Seminar on Python Language	Department of Computer Engineering	28/02/2019
Seminar on ETC the best branch of Engg	Department of Electronics and Telecommunication Engineering	03/07/2018
Seminar on Journey of student to profession	Department of Electronics and Telecommunication Engineering	13/07/2018
Seminar on Recent Technology	Department of Electronics and Telecommunication Engineering	17/07/2018
Workshop on PCB Design	Department of Electronics and Telecommunication Engineering	05/09/2018
Seminar on Recent Technology	Department of Electronics and Telecommunication Engineering	09/10/2018
Seminar and Demo on PLC and Automation	Department of Electronics and Telecommunication Engineering	25/01/2019
Seminar on Keep Engineering Alive	Department of Electronics and Telecommunication Engineering	13/02/2019
Seminar on Current trends in Industrial IoT	Department of Electronics and Telecommunication Engineering	23/02/2019
Workshop on Mini project	Department of Electronics and Telecommunication Engineering	01/03/2019
Workshop on C and C plus plus programming Language	Department of Computer Engineering	11/07/2018
Seminar on How to prepare for core product and service base companies	Department of Computer Engineering	12/07/2018
Workshop on Android Application Development	Department of Computer Engineering	17/07/2018
Seminar on Artificial Intelligence and Big Data	Department of Computer Engineering	22/09/2018
Seminar on New Technologies	Department of Computer Engineering	17/01/2019
Seminar on Enhancing the Technical Skills	Department of Computer Engineering	06/02/2019
Seminar on an Opportunity for Students and get to know about global entrepreneur better	Department of Computer Engineering	08/02/2019
Seminar on Plagiarism Awareness and How to write the Research Paper	Institute level	21/01/2019
Seminar on Patent	Institute level	22/01/2019

Registration		
Seminar on Cross Platform with Mobile App.	Department of Information technology	06/07/2018
Seminar on Recursive Function in C	Department of Information technology	07/07/2018
Seminar on Research Paper Publication Project Development	Department of Information technology	27/07/2018
Seminar on Theory of Computation	Department of Information technology	31/07/2018
Seminar on Software Engineering Project Management	Department of Information technology	08/09/2018
Seminar on Which Programming Language You Should Learn and Why?	Department of Information technology	18/02/2019
Seminar on Introduction to Java	Department of Information technology	21/02/2019

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
Hum Fit to India Fit Planning Committee Member	Prof. Itkarkar S.A.	NSS, Savitribai Phule Pune University(SPPU)	03/08/2018	FTII and SPPU
Yuva Sanman Sohla-2019 (Second Prize)	Oyster-17 College Magazine	Savitribai Phule Pune University(SPPU)	09/02/2019	Pune City
Natrajan Education Society (NES) Innovation Award	Vaibhavi Zende, Hrutuja Gaddam, Aditi Dahiwadkar (BE IT Students)	Natrajan Education Society (NES), Pune	23/03/2019	Under Graduate
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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
NA	NA	NA	NA	NA	30/06/2019
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
Engineering Sciences and Allied	1

Engineering

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	ETC Engineering	12	5.7
International	Computer Engineering	12	5.87
International	Information Technology	16	5.4
International	Engineering Sciences and Allied Engineering	2	5.1

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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
Engineering Sciences and Allied Sciences	4
Information Technology	7
Computer Engineering	1
Electronics Telecommunication Engineering	3

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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
An Innovative Simulation Approach to improve electromechanical machining performance	Dr.A.M.P awar	International Journal of Mechanical Engineering and Technology	2018	0	Bhatati Vidyapeeths College of Engineering for Women.	0
Synthesis of Biofunctionalized Nanofibers (Curcumin, Gelatin and Formic Acid) using Elec	Dr.A.M.P awar	International Journal of Innovative Technology and Exploring Engineering	2018	0	Bhatati Vidyapeeths College of Engineering for Women.	0

trospining process and Optimization of Parameters for diameter of Nanofibers						
Study on Software Test Case Generation Techniques and Future Scope in Agile	Prof. Nilofar Mulla	Journal of Advanced Research in Dynamical and Control Systems	2018	0	Bharati Vidyapeeth Deemed to be University College of Engineering	0
Pareto Based Virtual Machine Selection with Load Balancing in Cloud Data Centre	Prof.Ketaki Naik	CIT,Bulgarian Academy of Sciences	2018	0	Bhatati Vidyapeeths College of Engineering for Women.	0
ParetoBased Adaptive Resources Selection Model in Hybrid Cloud Environment	Prof.Ketaki Naik	IETE journal of Research	2018	0	Bhatati Vidyapeeths College of Engineering for Women.	0
Multiobjective Virtual Machine Selection for Task Scheduling in Cloud Computing	Prof.Ketaki Naik	Advances in Intelligent Systems and Computing, Springer	2018	0	Bhatati Vidyapeeths College of Engineering for Women.	0
Text Independent Speaker Identification with Prosody Features in presence of Noise	Prof.S.M .Jagdale	International Journal of Innovative Technology and Exploring Engineering	2019	0	Bharati Vidyapeeth Deemed to be University College of Engineering	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
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No Data Entered/Not Applicable !!!

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

Number of Faculty	International	National	State	Local
Resource persons	0	0	0	2
Attended/Seminars/Workshops	1	21	9	37
Presented papers	9	3	0	0

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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
Health Checkup Camp at Khopi	Bharati Ayurved Hospital, Pune BVCOEWNSS, PICTNSS BVCOFANSS	3	150
Dental Checkup at Khopi	Khopi Grampanchayat, Bharati Dental College Hospital, Pune BVCOEWNSS, PICTNSS BVCOFANSS	3	150
Shramdaan at Khopi	Khopi Grampanchayat BVCOEWNSS, PICTNSS BVCOFANSS	3	150
Kerala Relief Fund Drive	SPPU BVCOEW NSS	1	2
New Year Celebration at Bharati Hospital	Bharati Hospital, Pune BVCOEWNSS	1	9
Science Exhibition at Khopi Village	Khopi Grampanchayat BVCOEWNSS, PICTNSS BVCOFANSS	5	150
Electronics Project Exhibition	Khopi Grampanchayat	5	150

by Dolphin Lab at Khopi	BVCOEWNSS, PICTNSS BVCOFANSS		
Rally on Saksham Yuva Samartha Bharat	Khopi Grampanchayat BVCOEWNSS, PICTNSS BVCOFANSS	2	120
Swarchitra Jugalbandi (ArtMusic Concert)	Khopi Grampanchayat BVCOEWNSS, PICTNSS BVCOFANSS	8	150
Wall Painting	Khopi Grampanchayat BVCOEWNSS, PICTNSS BVCOFANSS	4	60
Capacity Building of Village Children through Cultural Program	Khopi Grampanchayat BVCOEWNSS, PICTNSS BVCOFANSS	8	150
Master chef Competition for Village Women	Khopi Grampanchayat BVCOEWNSS, PICTNSS BVCOFANSS	5	150
Anand Melava for Villagers at khopi	Khopi Grampanchayat BVCOEWNSS, PICTNSS BVCOFANSS	5	150
Arrangement of Village Library books using Rostrum Library Software	Khopi Grampanchayat BVCOEWNSS, PICTNSS BVCOFANSS	3	50
SVEEP Workshop(Voting Awareness)	SPPU NSS BVCOEW NSS (Sinhgad Parisar)	10	5
Guinese World Record of Tree Plantation (Sapling Distribution) at SPPU	SPPU NSS SDO	3	100
Avhan Preselection	SPPU NSS	0	3
Avhan Disaster Management camp at Kolhapur	NDRF Shivaji University NSS	0	1
PuneSaswad Dindi	BVCOEW NSS	3	10
Warkari Mitra	SPPU NSS	1	120
Post Warkari Mitra Activity	BVCOEW NSS	1	7
Tree Plantation at Taljai	Maharashtra Forest Dept BVCOEWNSS	5	114
Flashmob at	BVCOEW NSS	2	22

Campus(Hum Fit toh India Fit)			
Visit to Sarhad College NSS Camp at Kamare Village	Sarhad College of Arts, Commerce Science, Pune , Abhinav College of Arts, Commerce Science, Pune, Jadhavar College, Pune	1	2
Visit to Jaykranti College NSS Camp at Shivapur Village	Jaykranti College, Katraj, Pune	1	2
Road Safety Awareness at Munot Vidyalaya Camp	Munot Vidyalaya, Katraj, Pune	1	11
Electronics Workshop at Dolphin Lab	Dolphin Labs, Pune BVCOEWNSS	1	6
Hum Fit toh India Fit Campaign	FTII SPPU	4	26
Fit India Movement Flashmob at SPPU	SPPU	1	9
Rakhabandhan celebration at Ayurvedic Hospital	Bharati Ayurveda Hospital, Pune BVCOEWNSS	1	10
Inauguration of Samartha Bharat Abhiyan	SPPU	1	6
Cleanliness Drive at Tilak Road (Swacha Bharat Abhiyan)	Make My Pune BVCOEW NSS	1	8
Nirdhar Vahtuk Shisiticha(Road SafetyAwareness Program) at BVP Campus	BVCOEW NSS	1	10
Fit India Movement Campaign at Taljai on Republic Day	BVCOEW NSS	1	18
Interaction with cancer patients at Bharati Hospital, Pune	Bharati Hospital, Pune BVCOEWNSS	1	9
Voter Awareness Essay Competition at SP College	SPPU NSS S.P.College, Pune	1	2
Street Play at	BVCOEW NSS	1	10

Munot Vidyalaya, Katraj			
Cloth Donation at Khopi	BVCOEW NSS	1	6
Visit to NDRF	NDRF(Pune),India	3	2
Gram Sarvekshan at Khopi village	BVCOEW NSS, PICT NSS BVCOFA NSS	3	150
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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
Avhan Disaster Management Camp	State Level Volunteer	Maharashtra State and NDRF	1
Environmental Day Camp	University Level Volunteers	SPPU	2
Gadsanvardhan Camp	State Level Volunteers	SPPU	1
Ratangad Trek	State Level Volunteers	Maharashtra State	3
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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
Swachha Bharat Abhiyan	Make My Pune BVCOEWNSS	Cleanliness Drive at Tilak Road, Pune	1	10
Nirmal Wari Program	SPPU NSS	Cleanliness drive and Awareness Campaign at Faltan	0	4
Animal Safety Awareness	BVCOEW NSS	Awareness regarding Animal Abuse in BVP Campus	5	25
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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
Field Trip	TE I and TE II, E&TC Engineering Students (77) and Faculty Members(3)	Self	1
Field Trip	BE I and BE	Self	1

	II,E&TC Engineering students(93) and Faculty Members(3)		
Field Trip	BE IT Students (59) and Faculty Members(2)	Self	1
Field Trip	SE & BE Comp students (112) & Faculty Members (4)	Self	1
Faculty Exchange	Prof. Dr. A.M. Pawar	International journal of Management Technology Engineering (IJMTE)	365
Faculty Exchange	Prof. Dr. A.M. Pawar	International Journal of Recent Innovation Trends in Computing Communication (IJRITCC)	365
Faculty Exchange	Prof. S.A.Itkarkar	Self	1
Faculty Exchange	Prof. Dr. D. A. Godse	Self	1
Faculty Exchange	Prof. Dr. D. A. Godse	Self	1
Faculty Exchange	Prof. S.S. Thite	Self	1
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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
Internship	Internship	Inevitable Soft wares	01/06/2018	01/07/2018	1
Internship	Internship	Zensar	02/07/2018	01/09/2018	1
Internship	Internship	Smart i Electronics Systems Pvt Ltd.	11/07/2018	11/08/2018	1
Internship	Internship	DRDO	27/05/2018	30/07/2018	1
Internship	Internship	LT Electrical and Automation	15/12/2018	30/12/2018	1
Internship	Internship	Om Sai Com	13/12/2018	29/12/2018	1

		communications			
Internship	Internship	Accel Tree Software Pvt. Ltd.	16/08/2018	16/09/2019	1
Internship	Internship	CSPDCL	17/12/2018	08/01/2019	1
Internship	Internship	Faralanz labs Pvt. Ltd.	22/03/2019	22/07/2019	4
Internship	Internship	Happyfying Solutions	02/01/2019	05/05/2019	1
Internship	Internship	Vidyut Bazar	05/06/2018	18/08/2018	1
Internship	Internship	Vidyut Bazar	08/06/2018	20/08/2018	1
Internship	Internship	Vidyut Bazar	08/06/2018	22/08/2018	2
Internship	Internship	Vidyut Bazar	16/06/2018	22/08/2018	1
Internship	Internship	Vidyut Bazar	21/06/2018	27/08/2018	1
Internship	Internship	Indus Robotics Society	01/06/2018	14/07/2018	2
Internship	Internship	Bharat Sanchar Nigam Ltd.	11/06/2018	06/07/2018	1
Internship	Internship	Bharat Sanchar Nigam Ltd.	04/01/2019	15/01/2019	81
Internship	Internship	Vidyut Bazar	02/06/2018	18/08/2018	2
Internship	Internship	Vidyut Bazar	12/06/2018	22/08/2018	1
Internship	Internship	Indus Robotics Society	01/06/2018	14/07/2019	2
Internship	Internship	JUJU Solutions	28/05/2018	15/07/2018	1
STTP	On the Job Training	AISSMS IOIT, Pune.	22/04/2019	26/04/2019	1
Online Certification Course	On The Job Training	NPTEL Online Certification Course "Introduction to Internet of Things" (12 week course)	28/01/2019	19/04/2019	1
Workshop	On The Job Training	Vishwakarma	01/11/2018	02/11/2018	1

		Institute of Technology			
Online Certification Course	On The Job Training	NPTEL Online Certification Course "Programming in C " (8 week course)	28/01/2019	31/03/2019	1
STTP	On The Job Training	AISSMS IOIT, Pune.	22/04/2019	26/04/2019	1
FDP	On The Job Training	Bharati Vidyapeeth Deemed To Be University College of Engineering, Pune- 43.	03/12/2018	05/12/2018	1
Online Certification Course	On The Job Training	NPTEL Online Certification Course "Privacy and Security in Online Social Media" (12 week course)	28/01/2019	30/04/2019	1
STTP	On The Job Training	AISSMS IOIT, Pune.	22/04/2019	26/04/2019	2
Workshop State Level	On The Job Training	D.Y.Patil COE, Akurdi, Pune.	17/01/2019	17/01/2019	1
FDP	On The Job Training	MIT College of Engineering, Pune	10/07/2018	12/07/2018	1
Workshop State level	On The Job Training	Pune Institute of Computer Technology, Pune.	07/03/2019	08/03/2019	2
Workshop State level	On The Job Training	Bharati Vidyapeeth Deemed To Be University College of Engineering, Pune- 43.	02/09/2019	02/09/2019	1
Workshop State level	On The Job Training	Bharati Vidyapeeth Deemed To Be University College of	13/02/2019	14/02/2019	2

		Engineering, Pune- 43.			
Workshop State level	On The Job Training	D.Y. Patil COE , Akurdi	17/01/2019	17/01/2019	2
Workshop State level	On The Job Training	MKSSS's Cummins College of Engineering for Women, Pune	21/12/2018	22/12/2018	1
FDP	On The Job Training	D.Y. Patil COE, Akurdi.	09/01/2019	09/01/2019	1
Workshop National level	On The Job Training	Bharati Vidyapeeths college of Engineering for Women, Pune- 43 Pune	06/05/2019	09/05/2019	7
Workshop I nternational level	On The Job Training	Hope Foundation's Internationa l Institute of Information Technology, Hinjewadi Pune.	17/08/2018	18/08/2018	1
FDP	On The Job Training	Vishwakarma Institute of Information Technology ,Pune	21/12/2019	21/12/2019	1
Workshop	On The Job Training	National Institute of Technical Teacher's Training and Research , Kolkata	22/04/2019	26/04/2019	1
Workshop National level	On The Job Training	Smt. Kashibai Nawale COE ,Pune	29/01/2019	30/01/2019	5
Workshop	On The Job Training	Bharati Vidyapeeth Deemed To Be University College of Engineering, Pune- 43.	13/02/2019	14/02/2019	1
Internship	Internship	JusSoar Pvt. Ltd.	17/05/2018	28/07/2018	1

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Algorithmic Electronics	31/12/2018	Audit Course on IoT Applications in Engineering Field	69
GigIndia	22/06/2018	Internship opportunity	2
Educating Nations	14/06/2018	Seminar on "Skill Development"	83
Dolphin Lab, Pune	18/06/2018	Seminar on "ETC the Best Branch of Engineering "	58
My Examo	03/07/2018	Online practice examination for second year students of All Branches.	233
Magnam Solutions	09/10/2018	Seminar on "Journey of Students to Profession" and "Technological Trends in ETC"	148
Sunbeam ,Pune	01/01/2019	Workshop	100
Mugdha Systems	13/02/2019	Seminar on "Keep Engineering Alive"	76
Dwij IT Solutions	15/01/2019	NA	0
ATS InfoTech Pvt. Ltd.	27/07/2018	Three days Workshop on, " Cross Platform with Mobile App Development"	25
Agile for Growth	04/01/2019	NA	0
PCM CloudTech Pvt. Ltd.	12/02/2019	One Day Workshop on Website Development and Hosting , Competition on Website Development	57
LinkCode Technologies	21/08/2018	3 Days workshop on C Programming	70
GTL Software Pvt. Ltd.	01/03/2019	NA	0

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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
492.97	564.84

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Campus Area	Existing
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
SOUL 2.0	Partially	2.0	2012

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Null	0	0	0	0	0	0
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Prof. S.B. Jadhav	ICT- Database Management System	MOODLE	05/01/2018
Prof. A. P. Kadam	ICT-Object Oriented Programming	MOODLE	05/01/2018
Prof. V.D. Kulkarni	ICT-Information System Engg. Economics	MOODLE	05/01/2018
Prof. K.S. Warke	ICT-Data structure Algorithm	MOODLE	05/01/2018
Prof. N. I. Dalvi	ICT-Data Mining Warehousing	MOODLE	05/01/2018
Prof. J.D. Jadhav	ICT-Digital Electronics Logical	MOODLE	05/01/2018

	Design		
Prof. K.D. Yesgude	ICT-Computer Network	MOODLE	05/01/2018
Prof. S.A. Deshmukh	ICT-Principles of Programming Languages	MOODLE	05/01/2018
Prof. D. A. Godse	ICT-Computer Organization	MOODLE	05/01/2018
Prof. K.B. Naik	ICT-Cloud Computing	MOODLE	05/01/2018
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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	379	28	16	0	2	1	4	16	0
Added	80	0	16	0	0	0	0	16	0
Total	459	28	32	0	2	1	4	32	0

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

32 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
impartus Lecture Capture (recording facility)	http://a.impartus.com/login

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
13.7	12.78	158.05	180.36

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

The institute has fixed maintenance, housekeeping, and write-off policies. 1) Maintaining and utilizing physical facilities: Concerned departments are given responsibility for the maintenance of their physical facilities. Physical facilities comprise of classrooms, seminar hall, and tutorial rooms. All these rooms are cleaned by the daily wages of women. The cleanliness and security of the classrooms are monitored by the department laboratory assistant. 2) Utilization and maintenance of laboratories: Laboratories are allotted for practical as per the schedule. Each laboratory has a dead stock register to record the new purchases and maintenance register to record the maintenance

details of the equipment. The institute conducts the stock verification of each departments laboratories at the end of the academic year. Old and outdated equipment are discarded by standard procedure. 3) Utilization and maintenance of computer laboratories: The computer laboratories are allotted to the students as per their curriculum requirements of SPPU. The maintenance and repairs of all computers in laboratories are taken care of by the respective laboratory in charge and the lab assistant of the departments. The maintenance and repairs related to networking is administered by the network administrator of the institute. 4) Utilization and Maintenance of Library: The book list requirement is received from the concerned departments' library in charge as per the curriculum. The students are instructed to procure an Identity card and library card to avail the library books. If student fails to return the book in time, fine has to be paid by the student. All the functions of the library i.e. book borrowing and lending etc. are monitored by automated Soul 2.0 library software. 5) Support: It comprises of fire extinguisher, water purifiers, plumbing, electrical maintenance, and civil maintenance. The institute has AMC of fire extinguisher, lift and water purifiers. Maintenance of furniture items and metal fixtures is carried out by the workshop. The maintenance of water coolers, glass fittings, and plumbing are looked after by Store In charge of the Institute. General civil maintenance and upkeep of civil infrastructure are carried out by the Bharati Vidyapeeth's building section.

<http://coewpune.bharativedyapeeth.edu/index.php/naac/aqr#procedures-and-policies-for-maintaining-and-utilizing-physical-academic-and-support-facilities-weblink-request>

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	Management Scholarship	14	595000
Financial Support from Other Sources			
a) National	Lila Poonawala Foundation	3	125000
b) International	NA	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Seminar on Github Repository	28/02/2019	56	Mr. Rahul Ahire, Director, Linkcode Technologies Katraj, Pune.
Seminar on Introduction to Java	21/02/2019	55	Mr. Rahul Ahire, Director, Link-Code Technologies
Seminar on Technical Explore and Github	17/01/2019	29	Ms. Afiya Sayyed and Ms. Princy Mishra, BE Students
Seminar on An	17/01/2019	48	Mr. Pradip

Insight Into Advance Technology			Narayankar, Founder CEO, PHN Technology Pvt. Ltd. Pune.
Seminar on Emerging Trends Opportunity	11/01/2019	80	Mr.Akshay Shitole, Director,SNB Tech.
Seminar on Cross Platform with Mobile App.	06/07/2018	102	Manish Kumar Singh, ATS Learning Solution,Head Institutional Collaboration
Remedial Coaching	22/03/2019	19	Teaching Faculty
Capacity Building	06/10/2018	251	Teaching Faculty
Personality Development	16/10/2018	26	Wordsmaya Edutech Private Ltd, Pune
Seminar on Skill Guidance	10/07/2018	148	Educating Nations

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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	Seminar on Higher Studies	64	0	0	0
2018	Seminar on GATE exam	116	0	0	0
2018	Mock Interview	0	307	0	93
2018	Zensar	0	55	0	3
2018	FACE	0	79	0	12
2019	Seminar on Importance of Gate and Introduction to Parser	47	0	0	0
2019	Seminar on Which Programming Language You Should Learn & Why?	0	48	0	0
2018	Seminar on GRE, GMAT, & TOFEL	57	0	0	0

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

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

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
IBM, TCS, SYNTEL, VODAFONE, WIPRO, PROLIFICS, AMAZON, BITWISE, INFOSYS, HUDL INDIA, PERSISTENT (APPRENTICESHIP), ZENSAR, LT INFOTECH, MPHASIS, HARBINGER, ITC, TATA COMMUNICATIONS, CODEROOT INFOTECH	245	93	HAYGOT, HDB FINANCE LTD., COGNIZANT, CONCENTRIX, BIRLASOFT, TIAA GLOBAL BUSINESS, AMDOCS, MIDIBA CONSULTING, ACCENTURE, HEFSHINE SOFTWARE, GENPACT TRANSFORMATION	175	15
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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	Department graduated from	Name of institution joined	Name of programme admitted to
2018	1	BE	Electronics and Telecommunication	Dr BV Hiray college of Management & Research	MBA
2018	1	BE	Electronics and Telecommunication	Ashoka Education Foundation	MBA
2018	1	BE	Electronics and Telecommunication	Bharati Vidyapeeth's College of Engineering for Women, Pune	ME
2018	1	BE		Birla	MBA

			Electronics and Telecommunication	Institute of Technology	
2018	1	BE	Computer Engineering	Marathwada Mitramandal college of Engineering, Pune	ME
2018	1	BE	Computer Engineering	Bharati Vidyapeeth Deemed University	M.Tech
2018	1	BE	Computer Engineering	University of Texas at Arlington	MS
2018	1	BE	Information Technology	School of Management (SOM), MITWorld Peace University, Pune.	MBA

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

Items	Number of students selected/ qualifying
Any Other	0

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

Activity	Level	Number of Participants
NAAC Cultural Program	College	67

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Open Mike at MITWPU	National	Nil	1	2325	Ms. Harshita Garge
2018	Semi-Finalist	National	1	Nil	3227, 3247, 3204, 3254, 3270, 3339, 3208, 3250	Ms. Diksha Kale, Ms. Neha Tadav, Ms. Atmaja Dhumal, Ms.

						Shivani Paygude, Ms. Ankita Tiwari, Ms. Shweta Malge, Ms. Payal Bhandari, Ms. Parijat Sharma
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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)

Student council of the institute was established in 2014-15. Activities such as Karmaveer Bhaurao Patil Earn and Learn scheme, National Service Scheme, Cultural and sports activities are organized and conducted under Student development section as institute has affiliation with Savitribai Phule Pune University. SPPU provides funds for these activities partially. Various activities conducted under Student Development Section during Academic year 2018-19

1. Activity Warkari Mitra held on 8th July 2018 at Bhavani Peth, Pune.
2. Tree Plantation held on date 18th July 2018 at Taljai Mountain, Pune.
3. Sadbhawana Diwas celebration held on 20th Aug. 2017 at the institute.
4. Rashtrapita Mahatma Gandhi 150th Birth Aniversary Celebration held on 24th Sept. to 2nd Oct. 2018 at the institute.
5. Dental Checkup camp held on 11th Oct. 2018 at the institute..
6. Wachan Prerana day celebration held on 15th Oct. 2018 at the institute.
7. Dakshata Jagruk Saptaha celebration held on 29th Oct. 2018 at the institute.
8. National Unity day celebration held on 31st Oct. 2018 at the institute.
9. Basic C and Data Structure Algorithm Workshop held on 5th ,6th and 7th Feb.2019 at the institute.
10. Disaster Management Workshop held on 13th and 14th Feb.2019 at the institute.
11. Nirbhaya Kanya Self Defence held on 18th Feb 2019 at the institute.
12. Nirbhaya Kanya Menstrual health And Hygiene held on 20th Feb.2019 at the institute.
13. Personality Development and Sanitary Disposal held on 21st Feb.2019 at the institute.
14. Entrepreneurship Development Workshop held on 26th and 27th Feb.2019 at the institute.
15. Visit To NDRF 5NB, Sudumbare, Pune on 18th March 2019. at the institute.
16. International yoga Day Celebration held on 21st June 2019 at the institute.
17. There are students nomination for the constitution of various committees and the selected student volunteers organize various events and activities in coordination with faculty members. Students are members of Internal Quality Assurance Cell, Institute Advisory Board, Department Advisory Board ,NSS, ICC, Alumni association and anti ragging committee etc.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The institute has registered Alumni Association at the charity commissioner's office, Pune, Maharashtra with Registration No- Maha/1403/2017/Pune, dated 6th October 2017. The Alumni association, aims at strengthening the connect between the alumni, institute and the students. The alumni from all the three departments are members of the association. The members of the association contribute in the welfare of the institute by conducting various activities for the students such as seminars on Preparation for competitive exams, Career guidance, Entrepreneurship, Placement, Current trends in the market etc. The alumni are invited to share their expertise by conducting one day workshop /

training sessions for the growth of the current students. The alumni provide assistance for higher studies, placement and projects also. The Alumni meet is organized once in a year. It provides a platform for the alumni to get in touch with their alma mater, interact with their peers and share their professional experience with all. The Distinguished Alumni from each department are felicitated for their achievements in their professional career. The Alumni Council Body Meeting is conducted once in a year. The members of the body take a review of the activities conducted during the academic year, discuss and finalize the plan of action for the next academic year. Alumni, being the important stakeholder of the institute, the association strives to maintain a bond between the alumni and the institute.

5.4.2 – No. of enrolled Alumni:

247

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni contributed as resource persons for the following activities: 1. The 12th Alumni Meet 2019 was conducted on 30th March, 2019. Around 112 Alumni attended the Meet and shared their nostalgic memories of college life. They also happily shared their current work experience and guided the students. 2. Ms. Neha Kawale conducted a seminar on "Career Guidance" on 8th August, 2018 for SE Electronics and Telecommunication Engineering students. 3. Ms. Apurva Thakare conducted a seminar on "Preparation for Competitive Examinations" on 16th January, 2019 for BE Electronics and Telecommunication Engineering students. 4. Ms. Manasi Vaidya conducted a seminar on "Introduction to Microcontrollers (PIC/ARM)" on 20th February, 2019 for SE Electronics and Telecommunication Engineering students.. 5. Ms. Salonee Satute conducted a successful seminar on "In Pursuit of Placement", on 21st February, 2019 for BE Electronics and Telecommunication Engineering students. 6. Ms. Bhagyashree Raut, Ms. Pooja Lad, Ms. Mahek Sethiye together conducted a seminar on, "Entrepreneurship Program in Web Development and Hadoop" on 14th July, 2019 for TE and BE Information Technology students. 7. Mrs. Simran Ravlani (Ms. Reshma Nagrani) conducted a one-day training program on "Scrum" on 17th July, 2019 for BE Information Technology students. 8. Ms. Bhagyashri Raut, Ms. Pooja Lad and Ms. Shruti Lokhande conducted a one Day workshop on "Website Development and Hosting" on 13th February, 2019 for BE Information Technology students. 9. Ms. Rinkal Mahajan conducted a seminar on "Amazon: Placement and Work Culture" on 21st February, 2019 for TE Information Technology students. 10. Ms. Bhagyashri Raut, Ms. Pooja Lad and Ms. Shruti Lokhande conducted a competition on "Website Development" on 23rd February, 2019 for BE Information Technology students. 11. Ms .Harshada Kshirsagar conducted a seminar on "Prepare yourself for Opportunities" on 2nd February, 2019 for TE Computer Engineering students. 12. Ms Mariya Pathanvala conducted a seminar on, "Mainframe Technologies" on 25th February, 2019 for TE Computer Engineering 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)

Decentralization and Participative Management has been promoted by Institute. Institute believes that decentralization will help involving every member of the institute and assigning authority for decision making. Management, Principal, Department heads are responsible for the effective planning and

effective implementation of academics and curriculum-based activities are carried out by all faculty and staff members. Decentralization is in the term of Academic decentralization, Administrative decentralization, and Student representation. Academic decentralization uses agile approach for improvement in teaching learning process. To ensure effective participation, different committees have been formed in the Institute. A senior faculty member is designated as a coordinator whose, roles and responsibilities are defined in advance. In administrative decentralization, College Development Committee plays an important role. All the activities related to student section, establishment section, examination section, store, maintenance, accounts and audit are administered by the office superintendent. Internal Complaint Committee, Internal Quality Assurance Cell, Department Advisory Board, Anti ragging Committee etc. have effective representation of class coordinators, campus coordinators, parents, alumni, industry representative, counselors, campus police team. College level feedback committee, collects feedback from employers, students, parents and all stakeholders to improve teaching methodologies, teaching content and identifying training areas for the students.

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
Examination and Evaluation	The institute maintains complete transparency in the evaluation process and it strictly adheres to the norms prescribed by the Savitribai Phule Pune University. All the approved examiners participate in online/offline assessment of answer scripts, seminar and project as per the norms laid down by University. Unit test and assignment evaluation are also used for internal marks calculation.
Curriculum Development	The institution is affiliated to Savitribai Phule Pune University and follows the syllabus prescribed by the same. The syllabus undergoes revision from time to time with technological advancements. Faculty Members are encouraged to contribute in terms of participation, discussion, framing and implementation of new syllabus through orientation programs organized by the University.
Research and Development	R and D cell is established in the institution to inculcate the research culture among the students and to enhance research activities among the faculty members. Centre of excellence is set up based on the research areas identified in each department. Faculty members are motivated to work on the research idea in their area as per

industry demand . R and D cell deals with Research Publications in the reputed sources, Research Projects and IPR filed by different departments. Academic and Research coordinator is appointed by the institute to facilitate and strengthen SPPU BOD- ASPIRE Grants, Quality Improvement program grants and Avishkar activity. To acquire Research grants, faculty members are encouraged to send research proposals through various funding agencies like BOD-SPPU ,AICTE .To enhance the research activity various Workshops, FDPs and seminars are organised. Special guidance is provided to the students to excel the performance in prestigious project competitions like Avishkar, Chhatra Vishwakarma Awards, NES Innovation Awards, Smart India Hackathon etc.

Teaching and Learning

As an affiliated Institute, the curriculum designed and developed by SPPU is followed. The Institute is concerned for quality enhancement in teaching - learning process keeping in view of the changing industry needs and ICT based curriculum delivery. Effective academic monitoring ensures continuous assessment and evaluation. The institute provides curricular enrichment through academic flexibility. Student feedback related to teaching learning process and other issues is taken regularly. The collected feedback is analyzed further for necessary actions. With the vision of women empowerment through technical education, institute strives to fulfill the needs of students by adapting various student centric methods.

Library, ICT and Physical Infrastructure / Instrumentation

Library: 1) Institute has centralized library comprised of text books-21063, reference books-2605, e-books-171, journals-36, e-journals-470, CD Video-3309 and digital database of DELNET. 2) It is automated using Soul 2.0 software for all library transactions and uses the bar code based system for issue/return of books. 3) It has information resource repository consists of the soft copy of university question papers, department and class wise syllabi, project reports of post graduate students and theses of Ph.D. completed institute faculty members. 4) It offers Book bank

facility under social welfare activity for SC, ST Students and 3 books per semester for first 3 toppers of the each class. ICT: 1.) Institute has dedicated ICT portal implemented using Moodle platform as a part of Learning Management System. Student can access all course specific material and assignments through portal. The portal is accessible within the institute campus as well as outside the campus.2) Many faculty have uploaded their course related videos on YouTube and course material on Word press site. Physical Infrastructure: 1) Institute has Internet leased line connection - connectivity speed improved and upgraded to 32 MBPS (1:1 contention ratio) 2.)All the classrooms are well-equipped with LCD projectors. 3) Computers in the laboratories are in network with internet facility and Laboratories have the Wi-Fi connection.

Human Resource Management

Faculty recruitment is done as per rules of UGC and Savitribai Phule Pune University. Training is arranged for teaching as well as nonteaching staff by identifying training needs, for enhancing professional competencies, teaching and soft skills. The Institute frequently arranges training Programs and also deposes the staff to other organizations for attending such Programs for acquiring balanced skills (technical skills, teaching skills, soft skills).

Industry Interaction / Collaboration

As part of the quality improvement strategy and to bridge the gap between academics and industry regular interaction with the industries is established through meetings, guest lectures, projects exhibition etc. The Department identifies and invites industry experts to deliver content beyond syllabus and make students aware of the current industry trends. Students are encouraged to take internship programs and industry visits to develop skills. Entrepreneur development Cell has been established to encourage students to enhance entrepreneurship skills.

Admission of Students

Institute has authorized Facilitation Centre (FC) according to the norms of State CET Cell for Centralized Admission Process to all the courses. Institute conducts admission

counselling process to provide information to parents and students. Institute publishes an updated brochure every year which gives the academic, administrative information and fee structure related to admission process and Institute website provides information regarding admission details and other facilities offered by the Institute. Advertisement is published in local and national daily newspapers, electronic media, hoardings and banners. Institute also deputed its faculty members for career counselling process in nearby junior colleges.

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

E-governance area	Details
Planning and Development	Edusmart Software (ZOOM) ,Tally 6.3 to 9.0 Upgrade, Ankur Multilingual Software
Administration	Sensor Finger Application Software, Edusmart Student Section Software (ZOOM) , SOUL 2.0
Finance and Accounts	Tally 6.3 to 9.0 Upgrade
Student Admission and Support	Edusmart Software (ZOOM), SOUL 2.0
Examination	Edusmart Software (ZOOM)

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Prof.Dr.V R Pawar	FDP on Machine Learning at VIIT,Pune	NA	450
2018	Prof.Dr. S M Rajbhoj	FDP on Machine Learning at VIIT,Pune	NA	450
2018	Prof. S A Itkarkar	Broadband Communication System at D Y Patil COE,Pune	NA	450
2018	Ms.N.A.Mulla	Image Processing and Cloud Computing for IoT Application	NA	1180
2018	Mrs.S.A.Hadke	Android for Ubiquitous Computing	NA	2000

2018	Ms.A.D.Khairkar	Android for Ubiquitous Computing	NA	2000
2018	Ms.S.A.Sagar	Machine learning using python statistical Approach	NA	750
2018	Ms. A.V.Kanade	Machine learning using python statistical Approach	NA	750
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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)
2018	FDP on AWS Academy cloud foundation	NA	06/05/2019	09/05/2019	8	Nil
2018	NA	Seminar on Office Administration	19/12/2018	19/12/2018	Nil	40
2018	NA	Workshop on Excel Programming	08/01/2019	08/01/2019	Nil	34
2018	NA	Workshop on Cyber Crime and Security Awareness	08/02/2019	08/02/2019	Nil	30
2018	FDP on electronic design automation using mentor graphics back end tool	NA	21/02/2019	23/02/2019	12	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
Online Certification Course "CS213x: Algorithms"	1	13/03/2018	18/12/2018	290
NPTEL online certification course "Programming, data structures and algorithms using Python"(8weeks course)	1	28/01/2019	31/03/2019	56
Syllabus Orientation Workshop on "Computer Laboratory IX"	1	17/01/2019	17/01/2019	1
Workshop for "NSS Program Officer" under Saksham Yuva Samarth Bharat Abhiyan	1	23/02/2019	23/02/2019	1
FDP on "Cyber Security"	1	05/03/2019	11/03/2019	6
NPTEL online certification course "Foundation to Computer System Design"(12weeks course)	1	28/01/2019	27/04/2019	84
FDP on "Android for Ubiquitous Computing"	2	10/12/2018	14/12/2018	5
NPTEL online certification course "Introduction to Internet of Things"(12weeks course)	3	28/01/2019	19/04/2019	84
NPTEL online certification course "Programming in C"(8weeks course)	1	28/01/2019	31/03/2019	56

Workshop on "Image Processing and Cloud Computing for IOT Application"	1	01/11/2018	02/11/2018	2
FDP on "Ethical Hacking and Security"	1	03/12/2018	05/12/2018	3
NPTEL online certification course "Privacy and security in online social media"(12weeks course)	1	28/01/2019	30/04/2019	84
FDP on BE revised syllabus 2015 course on VLSIDT	2	10/07/2018	10/07/2018	1
FDP on BE revised syllabus 2015 course on RMT	1	11/07/2018	11/07/2018	1
FDP on BE revised syllabus 2015 course on DIVP	1	13/07/2018	13/07/2018	1
FDP on BE revised syllabus 2015 course on EPD	1	13/07/2018	13/07/2018	1
Varshik Niyojan Karyashala	2	30/08/2018	30/08/2018	1
FDP on Laboratory Practice IV	1	09/01/2019	09/01/2019	1
Two days national Level workshop on Machine Learning	5	29/01/2019	30/01/2019	2
Workshop on LaTeX	3	13/02/2019	14/02/2019	2
Executive Leadership Program by ART of Living	2	16/03/2019	18/03/2019	2
Training Programme on	1	10/04/2019	13/04/2019	4

Academic Leadership(PMMMMNMTT MHRD, Govt. India)				
FDP on BE revised syllabus 2015 course on BCS	1	13/12/2018	13/12/2018	1
FDP on BE revised Syllabus 2015 course on Mobile Communication	1	13/12/2018	14/12/2018	2
FDP on BE revised syllabus 2015 course on Machine Learning	1	21/12/2018	21/12/2018	1
FDP on Laboratory PracticeIII	1	18/12/2018	19/12/2018	2
Workshop on Java Advanced Frameworks: Spring Core, Spring MVC Hibernate	1	07/03/2019	08/03/2019	2
Workshop on Patent Drafting and Filing	1	09/02/2019	09/02/2019	1
Workshop on Key Aspects of Curricula Design and Content Delivery	2	17/01/2019	17/01/2019	1
Workshop on Machine Learning using PythonStatistical Approach	4	21/12/2018	22/12/2018	2
FDP on Laboratory PracticeII	1	16/07/2018	18/07/2018	2
Workshop on Aws Academy Cloud Foundation	8	06/05/2019	09/05/2019	4
NPTEL online	1	25/02/2019	20/04/2019	56

certification course "Cloud Computing"(8weeks course)				
Workshop on "Examination Reforms"	1	01/02/2019	01/02/2019	1
STTP through ICT mode on NBA Accreditation organized by NITTR, Kolkata.	6	22/04/2019	26/04/2019	5
Online Certification Course "Python For Devops".	1	10/11/2019	10/11/2019	1
Syllabus Orientation Workshop BEIT (2015 Course), SemesterII	3	28/12/2018	28/12/2018	1
NPTEL online certification course "Problem solving through programming in C"(12weeks course)	2	28/01/2019	19/04/2019	84
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
44	16	65	1

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>Total Scheme: 13</p> <ol style="list-style-type: none"> 1. Bharati Vidyapeeth Health Scheme (B.V.H.S.) 2. Sevak Kalyan Nidhi 3. Study Leave 4. Medical Leaves 5. Maternity Leave 6. Provident Fund 7. Pension Scheme 8. Gratuity 9. Advance payment to staff members to meet their emergencies 10. Welfare of the employees and their family members by providing concession in fees for education of 	<p>Total Scheme: 13</p> <ol style="list-style-type: none"> 1. Bharati Vidyapeeth Health Scheme (B.V.H.S.) 2. Sevak Kalyan Nidhi 3. Study Leave 4. Medical Leaves 5. Maternity Leave 6. Provident Fund 7. Pension Scheme 8. Gratuity 9. Advance payment to staff members to meet their emergencies 10. Welfare of the employees and their family members by providing concession in fees for education of 	<p>Total Scheme :6</p> <ol style="list-style-type: none"> 1. Earn and Learn scheme for the students 2. Institution offers support for students for sports competition as well as performances in cocurricular and extracurricular activities 3. Support for students to pay the fees in Installments 4. The Institution has provided a platform to the students to gain scholarship 5. Support

employees children 11. Monetary help for medical purposes 12. Gymnasium facility 13. Institute provides financial support to participate in sports.

employees children 11. Monetary help for medical purposes 12. Gymnasium facility 13. Institute provides financial support to participate in sports.

for students for concession in fees from Bharati Vidyapeeth Management 6. Group insurance.

6.4 – Financial Management and Resource Mobilization

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

Institute conducts internal audit and external audit regularly. Internal audit is conducted half yearly and external audit is conducted once in a year. The institute has established mechanisms for conducting internal and external audits every financial year to ensure financial compliance. The audit process is carried out once in every semester by internal auditors and external auditors. Normally financial audit is conducted in two sessions, Finalization of accounts is completed in May and audited statements are prepared in June duly signed by the Principal, Secretary and chartered accountant. Internal audit is conducted by the parent body Bharati vidyapeeth bhavan and provided to the chief finance officer and management for approval. External Audit was conducted by chartered accountant once in a year. Action taken for Compliance of the major audit objections.

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
NA	0	NA
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6.4.3 – Total corpus fund generated

16000000

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	NA	Yes	Institutional AAA committee
Administrative	No	NA	Yes	Institutional AAA committee

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

1. Through the initiative of one of the SE ETC students parent, Industrial visit for Koyna Dam, district Satara, arranged for ETC students. 2. Various domain based companies list provided by parent member for improving training and placement activities. 3. Useful suggestions and support taken from parents through DAB and Parent-Teacher meeting.

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

1. Seminar on Office Administration arranged. 2. Workshop on Excel Programming conducted. 3. Workshop on Cyber Crime and Security Awareness organized.

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

1. Significant improvement in the placement ratio through rigorous efforts like Mock Interviews, Peer to peer training, Company specific training to students, Pool Campus recruitment etc. 2. Strengthening Industry-Institute interaction by increasing number of MoUs and Internships. 3. Maximizing the use of ICT in Teaching-Learning

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
2018	NAAC Accreditation	28/09/2018	28/09/2018	29/09/2018	127
2018	Participation in NIRF	01/06/2018	01/06/2018	31/05/2019	127
2018	Review of AAA	09/07/2018	09/07/2018	09/07/2018	127
2019	Workshop on Excel Programming	08/01/2019	08/01/2019	08/01/2019	34
2019	Workshop on Cyber Crime and Security Awareness	08/02/2019	08/02/2019	08/02/2019	30
2019	NPTEL online courses	27/01/2019	27/01/2019	27/04/2019	45
2019	Entrepreneurship Awareness and Development	26/02/2019	26/02/2019	27/02/2019	70
2019	FDP on electronic design automation using mentor graphics back end tool	21/02/2019	21/02/2019	23/02/2019	12
2019	FDP on AWS-Academy cloud foundation	06/05/2019	06/05/2019	09/05/2019	8
2019	Seminar on	19/12/2018	19/12/2018	19/12/2018	29

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
Rights of Transgender Community -debate	14/01/2019	14/01/2019	126	28
Kalay tasmay Namah-Drama at khopi	16/01/2019	16/01/2019	126	28
Drama-Bhay Ithle sampat nahi (Women Empowerment)	11/01/2019	11/01/2019	126	28
Are female better Manager	13/01/2019	13/01/2019	126	28
Hum Fit To India Fit	11/08/2018	11/08/2018	30	100
Rakshabandhan Celebration	26/08/2018	26/08/2018	11	40
Shramdaan-Kitchen Back area,digging holes for waste food	11/01/2019	11/01/2019	126	28
Bridging the Gaps(Interaction among Volunteers) Khopi	11/01/2019	11/01/2019	126	28
Wamangi(Fighting with Inner evils) -Drama	12/01/2019	12/01/2019	126	28
Sabrimala-Women's Entry (Debate-Gender Equality)	12/01/2019	12/01/2019	126	28

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

NA

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	No	0
Rest Rooms	Yes	0
Scribes for examination	No	0
Special skill development for differently abled students	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	Nil	1	15/07/2018	1	Nirmal Wari	To make people aware about using Public toilets.	5
2018	Nil	1	07/08/2018	3	Warkari Mitra	Awareness about security, water, sanitation management and medical facilities.	121
2018	Nil	1	08/08/2018	1	Organ Donation Awareness	Organ Donation Awareness	83
2018	Nil	1	22/09/2018	1	Swacha Pune Abhiyan	Activity to clean the road after 'Ganesh Visrjan'	8
2018	1	Nil	07/10/2018	1	Blood Donation	Blood Donation	61

2018	Nil	1	29/12/2018	1	Street play at M unotVidya laya	Vrudhas hramanchi Vadhati Sankhya Ani Mulanchi Manasikta	11
2019	Nil	1	08/01/2019	1	Awareness on animal abuse	abused puppies in college campus were rescued	30
2018	3	3	01/06/2018	84	Facilit ation Centre	Registr ation Process for admission Process	578
2018	Nil	1	20/12/2018	1	Animal (Tiger) Adoption	Food expenses for one day	15
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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)
Code of conduct and professional ethics handbook for BVCOEW and core values	05/01/2018	<p>1.The code of conduct for staff and students and professional ethics handbook is published on Institutional website. Also it is displayed at various places in the Institute premises and communicated to stakeholders. http://coewpune.bharativedyapeeth.edu/media/pdf/coewpune_code_of_conduct_11_nov.pdf</p> <p>2. The core values are published on Institutional website. Also it is displayed at various places in the Institute premises and communicated to stakeholders. http://coewpune.bharativedyapeeth.edu/media/pdf/COEWPune_core_values_050918.pdf</p>

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
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Independence Day Celebration	15/08/2018	15/08/2018	64
Teachers Day	05/09/2018	05/09/2018	71
Gandhi Jayanti	02/10/2018	02/10/2018	10
Workshop on Life skill practices	17/01/2019	20/01/2019	11
Republic Day Celebration	26/01/2019	26/01/2019	80
State level Trek Camp to Ratangad	04/01/2019	07/01/2019	3
Gadchiroli Cloth Donation	13/02/2019	13/02/2019	30
Communicate English confidently by Words Maya Edu Tech Pvt. Ltd Company	15/09/2018	06/10/2018	26
Personal Counseling by faculty for students	18/01/2019	25/03/2019	884
Street play on Voter awareness at Khopi	14/01/2019	14/01/2019	150

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

1. Solid waste management 2. Liquid waste management 3. E-waste management 4. Generation of organic manure from bio-degradable waste 5. Plastic-free campus 6. Tree Plantation 7. Promoting Paperless work and maximum use of ICT portal for notices and assignments

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1
Title of the practice: Course Mentor Mentee Scheme
Goal: 1. To improvise teaching learning process 2. Achieve academic excellence by the subject mentor to execute the updated syllabus and course curriculum as per affiliating SPPU and other contents beyond syllabus to broaden the horizon of knowledge. The practice: In order to achieve the above goals regular meetings are conducted by the mentor three times in a semester. The pre-semester meeting is conducted before commencement of every semester as per schedule mentioned in the academic calendar. The mentee's course files are thoroughly verified by the mentor. In the monthly meeting, execution of theory lectures and continuous assessment of laboratory/tutorial work is ensured by the mentor. Other requirements of hardware and software availability, lab manuals, and other topics like execution of content beyond syllabus are also scrutinized by the mentor. In the mid-term and end-term meetings the performance of students in various exams is evaluated and remedial actions are discussed and verified. Mentor also ensures effectiveness of teaching material provided to the students. **Context:** An innovative concept of course mentor - mentee is implemented at the institute. Course mentor is a senior faculty who facilitates as a course expert to provide guidelines for effective and efficient delivery

of content by the course faculty (mentee). Problems Faced and Resources Required: Unavailability of time slots if the mentor is external. Evidence of Success: • Helps in purchasing proper set of experimental kits when course pattern changes. • It ensures academic calendar activity being followed effectively. • To improve the performance of slow learners. Best Practice 2 Title of the practice: Training for enhancement of employability skill set. Goal: To improve the employability skill sets of students. The Practice: The institute's Training and Placement cell provides pre placement training program which includes. • Capacity Building Programme :-To improve employability skills among students, efforts are taken from second year of Engineering. Capacity Building Programme which consists of modules such as Know Yourself, Self Peer Diagnosis, Knowing learning Styles, SWOC Analysis, Goal Setting is conducted for all second year students. • English Communication Improvement Programme:-It is observed that many students face problems communicating in English. Institute has signed a MoU with WordsMaya Edu Tech Pvt Ltd, to conduct Various English Speaking and Writing Courses. • Peer to Peer Training: - Till last Academic Year (2017-18) final Year placed students were used to share their experience about company recruitment procedure with third year students. Considering the need of guidance to second year students, in 2018-19 these presentations were also arranged for them. • Employability Skill Development (ESD) Programme: - ESD programme is reformed by taking feedback from all stakeholders such as student attendees from earlier batch, teachers, Heads of Department, Principal. Based on the feedback given by stakeholders, it was proposed to conduct Faculty Development Programme on Artificial Intelligence (AI), Machine Learning (ML) and Internet Of Things (IOT) in Module 1, Design Thinking in Module 2, Project Management in Module 3. • As per the request from college authorities, Electronics and Telecommunication Students are to be included in ESD Programme from academic year 2019-2020. • Extensive training of 100 Hrs to B.E. students about Resume writing, Group discussions, and Aptitude test. • Mock interviews: - Before placement drive, a panel of senior faculty members take Mock interviews of eligible students of Final year. From 2018-19 this practice is implemented for all students of Final year of all branches. • To improve competitiveness amongst students and to ensure best outcome from Recruitment Process, various Pool Campus drives are hosted by the institute. Context: Earlier the institute finds it difficult to place the students in industry through campus placement. Main reason identified was diversity of students employability skills as per the industry standards. In view of this an exclusive pre placement training program is planned executed as mentioned in the practice. Problems faced and Resources Required: • Diversity of students makes it challenging to cater the different needs of students. • Experts from industry to work as mentor for the students to train them as per industry standards. • Though multiple opportunities for recruitment are provided to students, the procedure for selection becomes challenging. Evidence of Success: • The constant efforts have reflected in consistent campus placement. • Positive feedback from students.

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

http://coewpune.bharativedyapeeth.edu/media/pdf/Institutional_Best_Practices_280120.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 institute was established in A.Y. 2000-2001 with clear objective to excel in technical education and become renowned institute of Engineering and Technology exclusively for girl students. The institute was started exclusively

for women and despite challenges of admissions in the engineering institute, it is running with 100 percent women students. As stated by vision statement, "Women Empowerment through Technical education", the institute is empowering women by providing higher education in the fields of Electronics and Telecommunication Engineering, Computer Engineering and Information Technology. The sincerity in academic planning, monitoring and execution is reflected in consistently good university examination results. The institute takes pride that the students hold university ranks. Highly qualified faculty with good retention ratio help in this respect and also resulted in sustainable women engineering institute in the affiliated university. There are 10 faculty members with Ph.D. and 5 staff members have taken up research work for Ph.D. They are guiding PG projects / Ph.D. to promote research. Faculty members have large number of publications in peer National/International journals /proceedings and filed patents based on their RnD work. Faculty members contribute in designing curriculum at university level. The well planned and structured management helps in faculty development through participation in STTPs, FDPs etc. The institute has a mechanism to enhance the employability of students through well planned activities such as Employability Skill Development (ESD) program, capacity building programs, focus on soft skill development, aptitude skill development, domain specific technical skill development, certificate courses, group discussions, presentations by placed students and mock interviews. The institute continuously take efforts to strengthen industry-institute interaction, focus on industrial training and hence to improve employability. The institute encourages students for internship in industries and also to have sponsored projects. The institute is taking initiatives for encouragement of students for higher education. Along with the academics, the institute has shown substantial progress in extension activities. The institute has very active National Service Scheme (NSS) and Students Development Board (SDB) units which contribute to the overall personality development of the students and also to develop the social connect and awareness about society and societal issues. The institute regularly organizes special programs which spread awareness among the students about physical, mental, health and related issues. Institute provides opportunities for the overall development of students. For this, institute organizes sports events, events through students' association, technical festival, annual social gathering, and releases college magazine. Also, institute motivates students to participate in sports competitions, general knowledge tests etc. Institute encourages students to participate in the technical events such as conferences, Avishkar project competition, NES Innovation Awards, poster presentation, paper presentation, Smart India Hackathon etc. Institute supports students through fee waiver schemes. The institute has a strong alumnae association and alumnae contribute by organizing sessions for career guidance, technical skill development and explore current trends in industry. The institute is taking efforts for preparing students to be capable, competent, confident and creative engineers. As stated in vision statement, institute is empowering women through technical education in true sense.

Provide the weblink of the institution

<http://coepune.bharativedyapeeth.edu/>

8.Future Plans of Actions for Next Academic Year

- Improve interaction with employers by conducting employers meet regularly. • To avail WiFi facility increase existing bandwidth of internet. • To motivate staff as well as students for maximum use of ICT tools Institute ICT portal. • Research center proposal to be prepared at the institute level by introducing Research Policy. • Membership of Savitribai Phule Pune University's, Jaykar library to be taken. • Development of Career counseling cell for interest specific guidance to students. • Policy document for financial support to be

finalized to facilitate faculty participation at conferences/workshops etc. • As an initiative towards energy conservation, existing tube lights and bulbs of second floor to be replaced with LED lamps. • Installation of plastic waste E waste collection bins and handing it over to waste collector for safe disposal.