



Yearly Status Report - 2019-2020

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	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	sandip.patil@bharatividyaapeeth.edu
Address	Pune-Satara Road, Dhankawadi, Taluka Haveli, District- 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.	9168690958
Registered Email	khotst@gmail.com
Alternate Email	sucheta.khot@bharativedyapeeth.edu

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://coepune.bharativedyapeeth.edu/media/pdf/AOAR_2019-20_050522.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://coepune.bharativedyapeeth.edu/media/pdf/Academic_Calendar_2019-20_Sem_I_130121.pdf

5. Accrediation Details

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
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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

FDP on LaTeX	11-May-2020 5	499
Seminar on Professional Ethics at Work Place	20-Jan-2020 1	29
Workshop on Python Programming	17-Sep-2019 3	14
FDP on Python Programming	04-May-2020 5	176
FDP on Drupal in association with IIT Bombay spoken Tutorials	18-May-2020 6	172
NBA Quiz series	18-May-2020 6	263
Faculty Orientation Programme on the new curriculum of SE IT (2019 Course) for the subject Logic Design and Computer Organization, Logic Design and Computer Organization Laboratory	30-Jun-2020 1	75
Webinar on Intellectual Property Right	30-May-2020 1	331
Webinar on Cyber Crime and Security Awareness (Part II)	09-Apr-2020 1	16
Workshop on Excel Programming (Part II)	30-Mar-2020 1	16

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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 Bhayurao Patil Earn and Learn Scheme	SPPU	2019 65	150000
Student Development Section	Nirbhaya Kanya Abhiyan	SPPU	2019 3	15000
Student Development Section	Mobile Application Development Workshop	SPPU	2019 1	15000
Student	Energy Audit	SPPU	2020	5000

Development Section	And Conserveation		1	
Student Development Section	Digital Marketing	SPPU	2019 1	3000
Student Development Section	Ethical Hacking and Cyber Security	SPPU	2019 1	15000
Student Development Section	Public Speaking and Communication Seminar	SPPU	2019 1	3000
National Service Scheme National Service Scheme	NSS	SPPU	2019 7	59000
National Service Scheme	NSS	SPPU	2019 365	42000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View Link
10. Number of IQAC meetings held during the year :	3
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View Uploaded File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
12. Significant contributions made by IQAC during the current year(maximum five bullets)	
Organized a 5 Days Faculty Development Programme on Python Programming in association with 9LEDGE PRO	
Motivation to join NPTEL online courses through which total 753 enrollment of faculty members and students is done in various courses. But due to Pandemic situation , 154 students and 15 staff members registered for examination .	
Encouragement for staff members to attend various seminars, webinars, workshops, Faculty Development Programmes , Short Term Training Programme : total count for the same is 304 ETC Engg., 98 IT , 116 Computer Engineering, 65 Engineering	

Science and Allied Engineering

Institute Magazine Oyster 18 received Third Prize in Yuva Gaurav 2020 from Board of Students Development , Savitribai Phule Pune University .

Release of e Newsletter 201920, Blessings , Volume 2, Issue 2 which gives a brief overview of major activities conducted in college .

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

Plan of Action	Achivements/Outcomes
Conduction of various Technical Skill Development and Personality Development Workshops /Seminars/Webinar	Conducted Six Technical Skill Development and Personality Development Workshops
Encouraging Faculty members and students to enroll for NPTEL Courses	Seven Hundred and fifty three Faculty members and students enrolled in different NPTEL courses. 6 faculty received Elite certificate, 1 faculty received Elite silver certificate and 1 faculty got distinguishing result of being Topper in the course with Elite Gold certificate. One hundred and fifty four students registered for exam.
Conduction of IQAC Meetings	Three IQAC Meetings conducted
Arranging National /State level workshops and Seminars	Department of Information Technology organized a five Days state level workshop on Python Programming
Rigorous efforts for placement of students	Increased number of student placements accounting to hundred in various MNCs

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
College Development Committee	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

Institute has a broad vision of Women empowerment through technical education which is accomplished using student centric approaches such as project and problem based learning, participative and experimental learning etc. Department Advisory Board (DAB) and Program Assessment committee (PAC) are actively involved in ensuring effective curriculum delivery. Also they provide inputs for effective curriculum planning and implementation. Institute has functional IQAC which prepares and displays institute academic calendar. Academic calendar has three sections namely, academics, events and meetings schedule.

- Planning
- Work load calculation and distribution based on subject choices given by faculty, their experience, and course expertise is done well in advance.
- The academic calendar is prepared strictly according to the guidelines of affiliated university. It is circulated to all faculty and displayed on college notice boards and website.
- Faculty plans and updates their course files and teaching materials.
- Resources and set ups availability is ensured in the laboratory before the commencement of practical conduction.
- Implementation
- Subject gaps are identified and related courses are conducted during the semester and industrial visits are organized.
- Weekly review of each course is taken in departmental meetings and 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
- Mentor-mentee scheme is implemented for the effective execution of all academics activities.
- Academic effectiveness is observed through a system of Guardian Faculty Members for each class, student counsellors for each batch of students, provision of students' class representative and student batch coordinators to address their problems.
- Student registration is done on the first day of commencement of each term which ensures reporting of all students in time.
- For the effective conduction of practical, a lab-notebook is maintained by each student where entry of all practical performed for all courses is made. Mid-term submission ensures regularity of the student. Continuous assessment is done based on the practical conduction, assignments submission, performance in unit test, prelim test, retest and oral. Mock practical and oral examinations are conducted prior to university examinations.
- Faculty members make effective use of ICT tools and are encouraged to participate in FDPs, syllabus detailing workshops, organizing expert lectures. Course mentors guide the respective course teachers in resolving their queries.
- Institute has central feedback system which collects feedbacks from all the stakeholders that helps in strengthening teaching learning process.
- As a part of continuous assessment and to maintain the quality of topics, department conducts presentations and demonstrations for the seminars and projects by the students. These are evaluated by the experts called from the industry. Publications and Exhibitions Students are encouraged to publish their project work in reputed conferences and journals. They are

also motivated to participate in project competition and exhibitions where they can showcase their presentation and technical skills. The best academic planning, preparation and monitoring system is in place resulting in excellent academic environment at the institute.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
Python Programming	NA	16/09/2019	3	Employability	Programming Skills
Personality Development	NA	01/10/2019	1	Employability	Skill Development
Entrepreneurship Development	NA	17/06/2020	1	Entrepreneurship	Skill Development
Rising Opportunities on MLAI	NA	24/06/2020	1	Employability	Technical Skill Improvement
Python Programming	NA	14/09/2019	3	Employability	Programming Skill Development
AWS Solution Architect Training	NA	07/03/2020	15	Employability	Programming Skill Development

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	Engineering Science and Allied Engineering	13/08/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Information Technology	15/06/2019
BE	Computer Engineering	15/06/2019
BE	Electronics and Telecommunication	15/06/2019
ME	VLSI and Embedded Systems	01/07/2019

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

	Certificate	Diploma Course
Number of Students	187	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
Introduction to Internet of Things (BE IT SEM- II)	27/01/2020	74
Humanities and Social Science (SE Comp, Audit Course, Sem I)	19/08/2019	70
Core Java 8 SDK 1.8 (TE Comp, Audit Course, Sem I)	13/08/2019	73
Emotional Intelligence (BE Comp, Audit Course, Sem I)	22/07/2019	75
Science of Happiness (SE Comp, Audit Course, Sem II)	01/01/2020	70
Japanese Language module-I (SE IT Audit course) sem I	28/06/2019	71
Leadership and Personality Development(TE IT, Audit Course)Sem - I	24/06/2019	67
Statistical Learning model using R.(BE IT, Audit Course)Sem - I	27/07/2019	83
Japanese Language module-II (SE IT Audit course) sem II	04/01/2020	71
Intellectual Property Rights and Patenting(TE IT, Audit Course)Sem - II	28/04/2020	67
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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	29
BE	Computer Engineering	9
BE	Electronics and Telecommunication	12
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes

Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

The Institute has a formal mechanism to obtain feedback from students and other stakeholders like Alumni, Parents, Employers, and Teachers. This is done using a well-designed online feedback form to get responses from all stakeholders. The students' faculty, and the course feedback, help in improvising the quality of course delivery, and student learning experiences. The Institute organizes the alumni meet yearly which creates an opportunity for getting projects, internships, training, job links, etc. Their feedback is considered for enhancing the overall academic culture of the institute. Feedback from parents is collected during departmental parents meet. The recorded feedbacks are discussed in faculty meetings and corrective actions are initiated. Graduate Exit Survey of final year students is used to enrich the industrial supports, co-curricular extra-curricular activities, and infrastructure facilities of the Institute. Feedback collated from the external examiners at the time of the project and practical examinations, are used to enhance the implementation skill of the students. The feedback received from employers aids in improving the skillsets required for students' employability and internship opportunities. Institute centralized feedback committee is responsible for the collection, analysis, and reporting of stakeholders feedback relating to academic programs. A core set of questions will form the basis of a survey deployed to systematically evaluate teaching and learning in all UG courses. Stakeholder feedback will be collected regularly for satisfying attainment levels of PO-PSOs. The feedback responses received are discussed with concerned faculty members for further improvement based on suggestions given by stakeholders. Also, suggestions related to the course are communicated through proper channels to the concerned Board of Studies (BoS) members. Discussion regarding these suggestions is carried out in the Department Advisory Board (DAB) meeting of the respective department also put forward during the syllabus restructuring meetings organized by University Level.

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	85	85
BE	Bachelor of Computer Engineering	60	52	52
BE	Bachelor of Information Technology	60	48	48
ME	Masters of Electronics & Telecommunication Engineering	18	0	0

ommunication Engineering (VLSI & Embedded

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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
2019	929	3	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	60	9	2	0	10

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

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

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

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 hours. Also the students are free to discuss their own problems if any. The minutes of such meeting are noted in the academic record book provided to every faculty 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. Guardian Faculty Member (GFM) is another faculty member who is taking care of the personal and individual counselling to the students. The academics related counselling such as attendance, test results and regularity of the students is done by the class GFM and conveyed to their parents. The GFM also takes care of student’s registration on the first day of reporting to the college at the commencement of every semester. Defaulter student in attendance and academics is given special attention to improve their performance by personal counselling and meeting with their parents. Remedial actions are taken as per the requirements of the individual student. Academic coordinator is another level of counselling where students who require special attention in regularity and attendance are considered. Academic performance card of such students is prepared and discussed on one-to-one basis from all the departments of the college. Parents are also part of these meetings. Final decision regarding student’s detention and performance is taken by the college authority such as HOD and Principal.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
932	60	1:16

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	1	9

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	Prof. Yesugade Kiran Dinkar	Assistant Professor	NPTEL Online Elite Certification in NPTEL-AICTE approved online course under faculty development program on Ethical Hacking by IIT Kharagpur
2019	Prof. Dr. Kadam Sonali Popatrao	Associate Professor	AWS International Certification ,AWS Cloud Practitioner
2019	Prof. Jadhav Shital Balasaheb	Assistant Professor	IIT Bombayx Completed online course on LaTeX101x: LaTeX for students, Engineers, and Scientists and secured A grade
2019	Prof. Jadhav Jayashree Dhananjay	Assistant Professor	AWS International Certification ,AWS Cloud Practitioner
2019	Prof. Dalvi Nilam Ishwar	Assistant Professor	AWS International Certification ,AWS Cloud Practitioner
2019	Prof. Nilofar Mulla Altafhusen	Assistant Professor	NPTEL Elite in NPTEL-AICTE approved online course under faculty development program on Software Engineering
2019	Prof. Dr. Chorage Suvarna Sandip	Professor	Awarded Elite grade in NPTEL-AICTE approved online course under faculty development program on subject Introduction to Microwave Theory and Technique
2019	Prof. Ashwini Vitthal Kanade	Assistant Professor	NPTEL Silver Elite in NPTEL-AICTE approved

			online course under faculty development program onCloud Computing
2019	Prof. Dr. Pawar Vijaya Rahul	Associate Professor	Recognition as Ph.D. Research Guide under the faculty of Science and Technology in subject of Electronics Telecommunication for period of eight (8) years with effect from 4/9/2019 to 03/09/2027
2019	Prof.Dr.Pawar Vijaya Rahul	Associate Professor	Awarded Elite grade in NPTEL-AICTE approved online course under faculty development program on subject Introduction to Machine Learning
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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	VIII/BE	07/11/2020	11/11/2020
BE	EN628524610F	VI/TE	07/12/2019	29/07/2020
BE	EN628524610F	IV/SE	03/01/2020	20/07/2020
BE	EN628524610F	II/FE	02/01/2020	21/07/2020
BE	EN628524610F	VII/BE	14/12/2019	28/01/2020
BE	EN628EN628524610F	V/TE	07/12/2019	20/01/2020
BE	EN628524610F	III/SE	03/01/2020	22/02/2020
BE	EN628524610F	I/FE	02/01/2020	11/02/2020
BE	EN628524510F	I/FE	02/01/2020	11/02/2020
BE	EN628524510F	III/SE	03/01/2020	22/02/2020
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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 procedures are followed rigorously as per the circulars and notifications issued by SPPU website. The circular and notices regarding evaluation are sent to all

departments through exam department. Information is circulated among students for the awareness of the fairness and total transparency in the evaluation process. 2015 course for UG and 2017 course for PG has credit based system for assessment of students at the university level. To cope up with the requirements of this assessment, students are evaluated at the institute level rigorously. Direct and indirect methods are used as the assessment and evaluation tools. Unit tests, orals, mock practical/oral exams and assignments are used in direct assessment tools. Term work evaluation is decided at the institute level considering the uniform format. Students are made aware of the evaluation guidelines prior to the commencement of each semester. Regularity of all the activities related to term work evaluation are executed and are monitored by HOD, Academic Coordinator and Principal.

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 which is revised for every new semester according to the affiliating university guidelines. 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 examinations 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, assignment 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 non-technical 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. Academic calendar is displayed on dept. notice boards, classrooms, website and updated regularly.

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://coepune.bharativedyapeeth.edu>

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
EN628524610F	BE	Bachelor of Information Technology	81	81	100
	BE	Bachelor	75	75	100

EN628524510F		of Computer Engineering			
EN628537210F	BE	Bachelor of Electronics & Telecommunication Engineering	103	101	98.05
EN628534110	ME	Master of Electronics & Telecommunication Engineering	3	3	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/NAAC-Student_Satisfaction_Survey-AY_2019-20_091220.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	1.25

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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
Webinar on Intellectual Property Right	Research Cell	30/05/2020
Webinar on How to improve your performance in campus drive tests and interviews	Department of Information technology	02/06/2020
Webinar on Internet of Things	Department of Information technology	13/06/2020
Faculty Orientation Programme on the new curriculum of SE IT (2019 Course) for the subject Logic Design and Computer Organization, Logic Design and Computer	Department of Information technology	30/06/2020

Organization Laboratory		
Workshop on Python Programming	Department of Computer engineering	03/08/2019
Seminar on Introduction to sales force student journey, India	Department of Computer engineering	03/08/2019
Seminar on Introduction to Python Programming	Department of Computer engineering	18/07/2019
Seminar on Introduction to core JAVA	Department of Computer engineering	18/07/2019
Seminar on Recursive Function in C	Department of Information technology	09/07/2019
Seminar on Open Source Technologies	Department of Computer engineering	11/07/2019
Seminar on Machine Learning and its Applications	Department of Information technology	16/07/2019
Seminar on Introduction to Salesforce student journey, India	Department of Information technology	03/08/2019
Workshop on Hands On Python Programming	Department of Information technology	03/08/2019
Seminar on Personality Development	Department of Computer engineering	08/08/2019
Seminar on Project Development Process	Department of Computer engineering	08/08/2019
Seminar on Personality Development	Department of Information technology	09/08/2019
Seminar on Python Programming	Department of Information technology	09/08/2019
Seminar on Python Programming	Department of Computer engineering	09/08/2019
Three Days workshop on Python Programming	Department of Computer engineering	17/09/2019
Seminar on Internship opportunities via acadflip app	Department of Computer engineering	25/09/2019
Seminar on Internship Opportunities via acadflip app	Department of Information technology	25/09/2019
One Day workshop on Personality Development	Department of Computer engineering	01/10/2019
Seminar on Placements in Japan	Department of Computer engineering	09/01/2020
One day Workshop on, How to make Good poster	Research Cell	11/01/2020
Seminar on Python Development	Department of Computer engineering	17/01/2020

One day Workshop on , Avishkar IIIrd stage Presentations	Research Cell	20/01/2020
Seminar on Global Diversity CFP Day	Department of Computer engineering	20/01/2020
Seminar on Career opportunity in IT Industry	Department of Computer engineering	29/01/2020
Seminar on Profile Building Career Opportunity	Department of Computer engineering	29/01/2020
Seminar on Career Opportunity Aptitude Training	Department of Information technology	29/01/2020
Seminar on Career Opportunities in IT Industry	Department of Information technology	29/01/2020
Seminar on Assembler	Department of Information technology	10/02/2020
AWS Boot Camp by AWS Official	Department of Computer engineering	17/02/2020
Seminar on Digital Marketing	Department of Information technology	18/02/2020
Workshop on Ethical Hacking And Cyber Security	Department of Information technology	25/02/2020
Workshop on AWS Solution Architect Training	Department of Computer engineering	07/03/2020
FDP on Python Programming	Department of Information technology	04/05/2020
Webinar on Technical Interview Preparation	Department of Information technology	11/05/2020
FDP on Latex	Department of Computer engineering	11/05/2020
FDP on,Drupal in association with IIT Bombay spoken Tutorials	Department of Electronics and Telecommunication Engineering	18/05/2020
Webinar on Student Development Program	Department of Information technology	20/05/2020
Webinar on Let's Talk Animation	Department of Information technology	20/05/2020

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
Best Women College	BVCOE Women, Pune	National Educational Excellence Awards Conference	09/11/2019	National Level- Engineering Technical Education

Natarajan Education Society (NES) Innovation Award	Ms. Jadhav Kshitija, Ms. Jagtap Abhilasha, Ms. Kolte Tejal Ms. Kshirsagar Varsha (BE IT Students)	Natarajan Education Society (NES), Pune	16/02/2020	Under Graduate
National Level Intercollegiate General Knowledge Test-2020	Ms. Veer Pooja(BE IT)	Bharati Vidyapeeth (Deemed to be university), Yashwantrao Mohite College of Arts, Science and Commerce, Pune	07/01/2020	Intercollegiate
National Level Intercollegiate General Knowledge Test-2020	Ms. Jagtap Rutuja(TE IT)	Bharati Vidyapeeth (Deemed to be university), Yashwantrao Mohite College of Arts, Science and Commerce, Pune	07/01/2020	Intercollegiate
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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	30/06/2020
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

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

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Electronics and Telecommunication Engineering	4	2.1
International	Computer Engineering	2	6.02
International	Information	0	0

	Technology		
International	Engineering Sciences and Allied Engineering	4	0.75
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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
Electronics and Telecommunication Engineering	8
Computer Engineering	2
Information Technology	2
Engineering Sciences and Allied Engineering	2
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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
Review: Soot (Particulate Matter) Sensor with an Application to control Pollution in Diesel Exhaust	Prof. S.S.Chorge	International Conference on Computing, Communication, control and Automation	2019	2	Bharati Vidyapeeths College of Engineering for Women, Pune	0
Review of Reconfigurable Antennas for Future Wireless Communication	Prof. S.S.Chorge	International Conference on Emerging Smart Computing and Informatics	2020	2	Bharati Vidyapeeths College of Engineering for Women, Pune	0
Microstrip Antennas Used for non invasive Determination of Blood Glucose	Prof. S.S.Chorge	International Conference on Intelligent Computing and Control Systems	2020	2	Bharati Vidyapeeths College of Engineering for Women, Pune	3

Level						
Text Independent Speaker Identification with Prosody Features in Presence of Noise	Prof. S. M. Jagdale	International Journal of Innovative Technology and Exploring Engineering	2019	2	Bharati Vidyapeeth's College of Engineering, Pune	0
Adsorptive eradication of tartrazine from aqueous solutions onto doped polyaniline	Prof. Smita Jadhav	Journal of the Serbian Chemical Society	2020	2	Bharati Vidyapeeth's College of Engineering for Women, Pune	0
Development of IoT middleware broker algorithm for handling multiple event based protocol requests	Prof. S.A. .Deshmukh	International Journal of Engineering and Advanced Technology	2019	1	Bharati Vidyapeeth Deemed to be University College of Engineering, Pune	0
Development of QoS evaluation algorithm for MQTT protocol with reference to threat model	Prof. S.A. .Pawar	International Journal of Engineering and Advanced Technology (IJEAT)	2019	0	Bharati Vidyapeeth Deemed to be University College of Engineering, Pune	0
Synthesis of Biofunctionalized Nanofibers (Curcumin, Gelatin and Formic Acid) using Electrospinning Process	Prof. Avinash Pawar	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	1	Bharati Vidyapeeth's College of Engineering for Women, Pune-43	1

and Optimization of Parameters for Diameter of Nanofibers					
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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
Synthesis of Biofunctionalized Nanofibers (Curcumin, Gelatin and Formic Acid) using Electrospinning Process and Optimization of Parameters for Diameter of Nanofibers	Prof. Avinash Pawar	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	1	0	Bharati Vidyapeeth's College of Engineering for Women, Pune-43
Adsorptive eradication of tartrazine from aqueous solutions onto doped polyaniline	Prof. Smita Jadhav	Journal of the Serbian Chemical Society	2020	2	0	Bharati Vidyapeeth's College of Engineering for Women, Pune-43

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	16	182	268	101
Presented papers	9	0	0	0
Resource persons	0	1	0	9

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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
Eco Friendly Ganesha Idol Making	NSS BVCOEW	2	20
Helping hands Kolhapur Flood Reief	NSS BVCOEW	1	25
Tree Plantation at Taljai Forest	NSS BVCOEW, Tahaan Foundation	15	60
Warkari Mitra program during palakhi stay at Bhavani Peth (Pandharpur waari)	SPPU-NSS	1	120
Participaion in Pune-Saswad Dindi(35km)	BVCOEW-NSS	3	10
Tree Plantation at Taljai hill forest area	BVCOEW-NSS, PICT,Tahaan Foundation	1	50
Regular Activity Meeting	NSS BVCOEW	2	70
Raksha Bandhan - Katraj Bus Depot	NSS BVCOEW	1	25
Raksha Bandhan - Traffic Police Station	NSS BVCOEW	1	25
Raksha Bandhan - Fire Brigade	NSS BVCOEW	1	25

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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Avhan Disaster management Camp	State level valunteer	Chancellor's Brigade NSS cell, SRTM university Nanded and NDRF	1
National Integration Camp	National level valunteer	Benguluru Central University and NSS Cell	2
National Service Scheme	SPPU, NSS area coordinator	SPPU	200

Professional College Magazine competition	Third prize at district level	SPPU	932
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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
Samrudhha Bharat	BVCOEW ,Pune	Lokshahi Padharawada Celebration	4	48
Swastha Bharat	NSS BVCOEW-Heartfullness	Meditation -HEARTFULLNESS WELLNESS	1	25
Women Empowerment	Women Empowerment	Nirbhaya Kanya Health Care and Awareness	4	58
Sarva Shiksha Abhiyan	NSS BVCOEW-Munot vidyalay	Student interaction at Munot Vidyalay	2	25
Swachha Bharat	NSS-BVCOEW-PMC	River cleaning - Mula Mutha	1	7
Sarva Shiksha Abhiyan	NSS-BVCOEW-SVK	Book Exhibition and Lecture	5	55
Swastha Bharat	NSS BVCOEW-FTII	Hum fit toh India fit	2	30
Tree Plantation	NSS BVCOEW - PICT- Tahaan Foundation	Tree plantation at Taljai	1	50
Tree Plantation	SPPU-NSS SDO	Guinese World Record of Tree Plantation (Sapling Distribution) at SPPU	3	100
Karamaveer Bhayurao Patil Earn And Learn Scheme	BVCOEW ,Pune	Karamaveer Bhayurao Patil Earn And Learn Scheme	4	15
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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Faculty Exchange-Coordinator	Prof. M. A. Rane	Self	1

Faculty Exchange-Resource Person	Prof. M. A. Rane	Self	3
Faculty Exchange-Resource Person	Prof. N.A.Mulla	Self	1
Faculty Exchange-PhD Evaluator	Prof.Dr.S.S.Chorage	Self	1
Faculty Exchange-Examiner	Prof.Dr.S.S.Chorage	Self	1
Faculty Exchange-Research Guide	Prof.Dr.S.S.Chorage	Self	1
Faculty Exchange - Reviewer	Prof.Dr.S.S.Chorage	Self	2
Faculty Exchange - SPOC	Prof.Dr.S.S.Chorage	Self	90
Faculty Exchange-Resource Person	Prof. M. A. Rane	Self	2
Faculty Exchange-Resource Person	Prof. M. A. Rane	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
Student Internship	Internship	Siemens, Kalwa Mumbai, 022 3326 5005	01/12/2020	01/12/2020	1
Online Course	On The Job Training	Faculty Development program on Python Programming in association with 9LEDGE PRO 91 9990133561	04/05/2020	09/05/2020	48
Student Internship	Internship	MyCAPTAIN YOUTHREP, 18 00-121-67676 7	03/06/2020	23/06/2020	1
Student Internship	Internship	Sanfoundry ,Bangalore 089042 58320	11/09/2019	11/12/2019	1
Student Internship	Internship	BSNL, Pune, 9423573352	30/12/2019	10/01/2020	3

Online Course	On The Job Training	NPTEL online Certification course on subject Introduction to Microwave theory and Technique, NPTEL online Certification Funded by the Ministry of HRD , Govt. of India (044) 2257 5905 (044) 2257 5908	01/07/2019	01/09/2019	1
Online Course	On The Job Training	NPTEL online Certification course on subject Introduction to Machine Learning ,NPTEL online Certification Funded by the Ministry of HRD , Govt. of India (044) 2257 5905 (044) 2257 5908	01/07/2019	01/09/2019	1
Online Course	On The Job Training	NPTEL Online Certification on Emotional Intelligence, NPTEL, (044) 2257 5905 (044) 2257 5908	01/01/2020	01/03/2020	5
Industrial Visit	Field Trip	Sactech Automation India Private Ltd, Pune. Rahul Gorwadkar, Managing Director Business Development,	27/07/2019	27/07/2019	64

		Sactech Automation India Pvt. ltd. Contact Details: 9890144570			
Industrial Visit	Field Trip	Persistent ,Pune Siddharth Shrikant Pendse. Contact Details: 9011991122	14/02/2020	14/02/2020	51
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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
Agile for Growth	04/01/2019	Training on Scrum Methodology	0
Gigante Technologies	10/01/2020	Providing training and internship to students	0
GTL Software Pvt. Ltd	01/03/2019	Providing training, placement and internship to students	0
KasNet Technologies Pvt. Ltd	14/01/2019	To conduct various activities such as Guest Lectures, Placement preparation and Mock interviews for students	0
IoT COE	01/02/2019	To Provide a training on machine learning , embedded systems etc to students	0
Abstract IT Engg. Solutions Pvt. Ltd	01/02/2019	To conduct a seminar and workshop . Organized a seminar on Python Programming	65
PCM Cloutech Pvt.Ltd	12/02/2019	Various activities related to website designing and hosting	115

QJ Technologies	08/02/2019	Providing training and internship to students	0
Mugdha Systems	13/02/2019	To conduct seminars, workshops	0
Dwij IT Solutions	11/02/2019	To conduct seminars, workshops	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
353.73	351.42

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	
Text Books	21063	7580607	119	75052	21182	7655659
Reference Books	2605	1570109	41	40640	2646	1610749
e-Books	171	253700	0	0	171	253700
Journals	36	116801	34	94714	70	211515
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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. Khot S.T	Integrated Circuits	Google Classroom	18/03/2020
Prof. Dr. Chorage S.S.	Broadband Communication Systems	Google Classroom	18/03/2020
Prof. Dr. Pawar V.R.	Machine Learning	Google Classroom	18/03/2020
Prof. Dr. Rajbhoj S.M.	Machine Learning	Google Classroom	18/03/2020
Prof. Itkarkar S.A.	Broadband Communication Systems,	Google Classroom	18/03/2020
Prof. Dr.Kore S.L.	Power Electronics	Google Classroom	18/03/2020
Prof. Dr.Dhole S.A.	Analog Communication	Google Classroom	18/03/2020
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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	459	28	32	0	2	1	4	32	0
Added	0	0	0	0	0	0	0	0	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
14.75	13.31	115.05	96.75

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

The Institute has decided policies in the regard of Physical, Academic, and Support facilities. As per the requirements from Department Heads and the concerned section in-charges, budget is allocated for maintenance and upkeep of the facilities like building, furniture, equipment, computers and laboratories.

- Physical facilities: classrooms, seminar hall, tutorial room, girls' common room, Gymkhana, and NSS room come under the physical facilities. All these rooms are cleaned by housekeeping staff and this activity is monitored by departmental laboratory assistants.
- Academic: It comprises of maintenance of laboratories, computers, Wi-Fi facility and library. Laboratories: Laboratory in-charge laboratory assistant look after the maintenance of each laboratory. The register is maintained in each laboratory for recording the maintenance details of equipment. Each laboratory has a separate dead stock register to record the purchases related to the laboratory. At the time of new purchase, the laboratory in charge proposes the annual requirements and makes provisions for the same in the budget.
- Computers: All the computers and peripherals are checked by the laboratory in charge and laboratory assistant for any problems as and when required. Generally, Laboratory in charge and laboratory assistant ensure proper working of all equipment before the start of each semester. Any maintenance activity, if needed is carried out and necessary consumables are purchased.
- Wi-Fi facility: The maintenance of access points, routers, and controllers is performed by the technology support engineer of the institute.
- Library: At the start of every academic year, the books requirement procedure is initiated by the library in charge of each department through a book requisition form to purchase the required books. Issue and return procedures of books are done manually as well as through software SOUL 2.0, which keeps track of whether issued books are returned or not. If the books are not returned within the stipulated time of 15 days, one rupee per day fine is charged to the students. Non-return books record is kept manually and it is cleared by the respective student at the time of clearance.
- Support facilities: It comprises the photocopy machine, sports complex, fire extinguisher, water purifiers, plumbing, electrical maintenance, and civil maintenance. The detailed maintenance procedure is elaborated as follows: The maintenance of the photocopy machine is looked after by the store in-charge of the institute. Fire extinguishers are provided at multiple strategic locations and maintenance is done through annual maintenance contract (AMC). Maintenance of furniture items and metal fixtures is carried out by workshop personnel. Maintenance of water purifiers is performed by Euro-Smart company as a part of AMC. The maintenance of water coolers, glass fittings, and plumbing are looked after by the store in charge of the Institute. Electrical appliance replacement and maintenance are looked after by institute electrician and his team. Maintenance of lift is performed through AMC of OTIS company. The AMC is signed with Computronix company for LCD projector, generator and UPS. General civil maintenance and upkeep of civil infrastructure are carried out by the institutes central office i.e. Bharati

<http://coewpune.bharativedyapeeth.edu/index.php/naac/aqar-2019-20#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	Management	5	130000

from institution	Scholarship		
Financial Support from Other Sources			
a) National	Lila Poonawalla Foundation, Cummins, Persistant, Sakal India Foundation	14	535432
b) International	Nil	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 German as a Foreign Language	26/02/2020	51	Mrs. Aditi More AIM Institute of Foreign Language, Satara Road, Pune, 7020380657
Seminar on Public Speaking And Communication	26/02/2020	96	Mrs. Subiya Kothawal Kothawals Academy, Bibewadi, Pune, 9890626548
Capacity Building	03/09/2019	238	College Staff
Seminar on Mind Matters	15/01/2020	34	Ms Rajshree Pende, Art of Living, Pune, 7387853906
Seminar on Introduction to Python Programming	18/07/2019	43	Mrs. Chaitali Jadhav Developer Java Trainer L D Infotech, Pune
Seminar on Computational Model to Solve Industry Problems	01/08/2019	63	Dr. Prashant, Dhotre, Associate Prof., D.Y. Patil COE, Pimpri, 9763722187
Seminar on Digital Marketing	18/02/2020	95	Mr. Shahaji Garande, Sr. Digital Marketing Executive, Eurosteel Office Furniture Systems Pvt. Ltd., Pune, 9404690095
Workshop on Ethical Hacking And Cyber Security	25/02/2020	41	Mr. Parth Jamodkar, Mr. Priyanshu Parmar, Mr. Gorakh Bhosale, Zplus Cyber Secure Technologies Pvt.

			Ltd., 8208996979
Seminar on Internship Opportunities via acadflip app	25/09/2019	59	Mr.Saudagar Barde , Marketing head PixafliP Technologies Pvt.Ltd., 7769974262
Seminar on Introduction to Salesforce Student Journey,India.	03/08/2019	57	Ms. Payal Mittal, Aethereus Cheif Developer Evangelist Technical Architect, 9766456191
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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	Zensar ESD Programme	0	79	0	0
2019	Mock Interview	0	203	0	114
2019	FACE training	0	149	0	114
2019	Seminar on Higher studies & opportunity at aboard	57	0	2	0
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

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

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
INFOSYS, PERSISTENT, L T	200	86	ATOS, SYNTEL, TIBCO, TCS	28	28

InfoTech,
ZENSAR,
BITWISE, PRO
LIFICS, VODAF
ONE, IBM, TC
S, CAPGEMINI,
PRINCIPAL,
BYJUS ,
GLOBAL STEP,
AMAZON,
INFRA SOFT
TECHNOLOGY,
AIRBUS,
VOLKS WAGON

ion,
INFOCENTER,
COMPUCOM, ACQ
UIA, ASHTRIX
BANGALORE, EM
TEC etc.

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	1	BE	Comp	Thapar Institute Of Engineering and Technology	ME
2020	1	BE	Comp	IMS Proschool Pvt. Ltd.	Certificate in Business Analytics
2019	1	BE	Comp	National Institute of Business Management	MBA
2019	1	BE	IT	University College Dublin Belfield Dublin 4	MSc Computer Science
2019	1	BE	IT	All India Shri Shivaji Memorial Society's Institute of Management, Pune	MBA
2019	1	BE	ENTC	Shivnagar Vidya Prasarak Mandals Institute of Management, Malegaon	MBA
2019	1	BE	Comp	Institute	MBA

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

Items	Number of students selected/ qualifying
GATE	2
GRE	2
TOFEL	2
Any Other	1

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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
Cricket	Institute	143
Basket Ball	Institute	77
Athletics(100m, relay, shortput, Disk-throw)	Institute	176
Kho-Kho	Institute	140
VolleyBall	Institute	74
Carrom	Institute	80
Chess	Institute	40

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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	Winner	National	1	Nil	4225, 24245, 4204, 2308, 31146, 150	Diksha Kale, Neha Yadav, Atmaja Dhumal, Sumat Goud, Sandhya Lohar, Prajakta Sawale
2019	Best Player	National	1	Nil	4225	Diksha Kale
2019	1st position	Internat ional	1	Nil	4225	Diksha kal;e

in
Volleyball
girls

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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)

As per Savitribai Phule Pune University guidelines student council of the affiliated institute comprises various sections such as National Service Scheme, Art Circle and Gymkhana. At our institute all these sections are coordinated by separate coordinators. Student council of the BVCOEW, Pune was established in 2014-15. Student development section plans and executes various student welfare activities at the institute which includes Karmaveer Bhaurao Patil Earn and Learn scheme, NirbhayaKanya Yojana, etc. SPPU provides funds for these activities partially. Various activities are conducted under Student Development Section during Academic year 2019-20. 1. Tree Plantation held on 6th July 2019 at Taljai Hill, Pune. 2. 'Sadbhawana Diwas' celebration held on 20th Aug. 2019. 3. 'Swachhata Pandhrawada Aayojan' held from 1st Sept. to 15th Sept. 2019. 4. Seminar on 'Cervical Cancer' was organized on 24th Sept. 2019. 5. 'Gandhi Jayanti' cleanliness drive on 2nd Oct, 2019. 6. Systematic voter's education and electronic participation program held on 11th Oct, 2019. 7. 'National Unity day' celebration held on 31st Oct. 2019. 8. 'Sanvidhan diwas' celebration on 26th Nov. 2019. 9. 'Marathi Bhasha Pandhrawada' celebration from 1st to 15th Jan. 2020. 10. 'NirbhayaKanya Self Defense' workshop held on 10th Jan. 2020. 11. NirbhayaKanya workshop on 'Cyber safety and security' on 11th Jan, 2020. 12. 'NirbhayaKanya health care and awareness' program on 18th Jan, 2020. 13. 'Lokshahi pandharwada' celebration from 26th Jan, 2020 to 10th Feb, 2020. 14. 'Marathi Bhasha Gaurav Din' celebration on 17th Feb, 2020. 15. Seminar on 'Digital Marketing' on 18th Feb, 2020. 16. 'Android app development' workshop on 20th Feb, 2020. 17. Seminar on 'Energy audit and its conservation' on 27th Feb, 2020. 18. Seminar on 'Public Speaking and Communication' on 25th Feb. 2020. 19. Karamaveer Bhaurao Patil Earn and Learn Scheme was implemented in Academic Year 2019-20. Other section also conducts their activities separately and regularly. There are student nominations 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, Industry Advisory Board, Department Advisory Board, National Service Scheme, Institute Complaints Committee, 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, the institute and the students. The alumni from all the three departments are members of the association. These members contribute in the welfare of the institute through various activities such as conducting seminars on Preparation for competitive exams, Career guidance, Entrepreneurship, Placement, Current trends in the market etc for the students. The alumni share their expertise by conducting workshops / training sessions for the growth of the current students. They also provide assistance for higher studies, placement and projects as well. The alumni guide those students who participate in various competitions and help bring accolades for the institute. The Alumni meet is organized annually to provide 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 professional achievements of Distinguished Alumni from each department are recognized by felicitating them. The Alumni Council Body Meeting is conducted annually and 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:

228

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

57228

5.4.4 – Meetings/activities organized by Alumni Association :

5.4.4 - Meetings/activities organized by Alumni Association : The Alumni are actively participating in the Alumni association of the college in the following manner. 1. The thirteenth Alumni meet was conducted on 29th February 2020. More than 160 alumni attended the Alumni meet. Prof. Dr. S. R. Patil, Principal, expressed his view by saying that Alumni are important stakeholders of any institute and vibrant relationship must be maintained between the Alma matter and Alumni. Alumni shared their experience as well as interesting and nostalgic moments of campus life. 2. Ms. Shruti Patil and Ms.Aarti Tamhane conducted a seminar on the topic "Prepare yourself for Opportunities" on 04/09/2019 for SE Electronics and Telecommunication Engineering students. 3. Ms. Priyanka Padhye , one of the distinguished alumni delivered a seminar on "In Pursuit of Startup Venture" on 10/10/2019 for SE , TE and BE Electronics and Telecommunication Engineering students 4. Ms. Vijayshree Marathe raised excellent points and conducted a seminar on "Opportunities Abroad" for SE and TE Electronics and Telecommunication Engineering students. 5. Ms.Sfurti Sahare conducted an Audit course on the topic "Emotional Intelligence" from 22/07/2019 to 10/08/2019 for BE Computer students . 6. Ms.Sfurti Sahare conducted an Audit course on the topic "Humanities and Social Science"from date 19/08/2019 to 31/08/2019 for SE Computer students. 7. Ms. Bhagyashree Raut, Ms. Shruti Lokhande and Ms.Pratiksha Gollar successfully conducted a two days Workshop on "Website Development using Wordpress" on 13/07/2019 and 20/07/2019 for TE Information Technology students. 8. Ms. Bhagyashree Raut and Ms.Pratiksha Gollar took initiative and conducted a workshop on "Website Theme Customization using Wordpress" on 23/09/2019 for TE Information Technology students. 9. Ms. Bhagyashree Raut and Ms. Pratiksha Gollar held a competition on topic "Website Designing" on 28/09/2019 for TE Information Technology students. 10. Ms. Vijayshri Marathe presented a seminar on topic "Improving Communication Skill" on 18/01/2020 for TE Information Technology students. 11. Ms. Salma Shaikh and Ms.Megha Pokharkar held an Interactive Session on "Importance of Self-learning" on 24/01/2020 for TE Information Technology students. 12. Ms. Vaibhavi Zende and Ms. Hrutuja Gaddam delivered a seminar on "Groundwork for Success at NES IA 2020" on 25/01/ 2020 for BE Information Technology students. 13. Ms.Vaibhavi Zende and Ms. Hrutuja Gaddam conducted a Guidance Session on "SIH Solution Design Method" on 01/02/2020 for IT and Comp Smart India Hackathon (SIH) Participants. 14. Ms. Pratiksha Gollar and Ms. Bhagyashri Raut delivered a seminar on "Hadoop Technology" on 15/02/2020 for TE Information Technology students. 15. Ms. Anushree Verma conducted a Webinar on "Agile and SCRUM Framework"on 23/06/2020 for TE BE Information Technology 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 the 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 the staff members. Decentralization is in the term of Academic decentralization, Administrative decentralization, and Student representation. Academic decentralization uses an agile approach for improvement in the 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, the College Development Committee plays an important role. All the activities related to the student section, establishment section, examination section, store, maintenance, accounts and audit are administered by the office superintendent. Internal Quality Assurance Cell, Department Advisory Board, Internal Complaints Committee, 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 the stakeholders to improve teaching methodologies, teaching content and identifying training areas for the students. Institute firmly believes in decentralization and participative management. The College Development Committee, Principal and Internal Quality Assurance Cell parallelly constitutes the Board of governance. Academics, Administration, statutory Committees, various cells and boards are monitored by the Principal. Industry Advisory Board, Training Cell, Central examination Cell, Research Committee, Central time-table Committee etc. are under the umbrella of Cells and Boards.

1) Central Time-table committee is comprised of individual department time table In-charges. The committee assures proper utilization of human resource and infrastructure in terms of classrooms, laboratories, hardware resources, software resources, seminar hall, library etc. Interdisciplinary courses requirements are discussed with respective faculty and proper infrastructure and time slots are provided. 2) Administrative office is well structured consisting of Establishment section, Account section, Student section, Examination Section etc. Administrative duties are well defined and executed with proper planning.

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
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 non-teaching 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

	<p>such as technical skills, teaching skills, soft skills etc.</p>
<p>Research and Development</p>	<p>Research is a significant parameter to promote the professional growth of the institute. The institute encourages it in all measures. To foster novelty, innovation, and lifelong learning, active initiatives are taken by the institute. To inculcate the research culture among faculty members and to enhance research activities among the students following initiatives are taken such as Seminars, webinars, hands on sessions and Faculty Development Programs are organized in collaboration with reputed institutes. Faculty members are encouraged to apply and fetch research grants from various Government and non- Government, research funding agencies such as AICTE- AQIS, IQAC-SPPU etc. Proposal formats of different funding agencies, budget preparation, purchase of equipment, material under research schemes, audit of project expenditure and additional help is provided to the researcher as per the requirements.</p> <p>Faculty members and students are encouraged for publications in the reputed sources. The researchers are made aware of their publications in terms of citation index, h-index etc. Support is provided to the students and faculty members for Prestigious project competitions like AICTE Chhatra Vishwakarma Awards, Avishkar project competition, NES Innovation Awards etc. An Industry Institute Interaction Cell is formed in the institute and works in close coordination with the industries and the institute for encouraging students to work on industry sponsored projects.</p>
<p>Admission of Students</p>	<p>Being a university affiliated institute all the admissions are governed and controlled by the Admission Regulatory Authority (ARA).</p> <p>The Institute has authorized Facilitation Centre (FC) according to the norms of State CET Cell for Centralized Admission Process to all the courses. The Institute conducts an admission counselling process to provide information to parents and students. The Institute publishes an updated brochure every year which gives the academic, administrative related</p>

information for the admission process and The 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.

Teaching and Learning

In order to enhance quality in teaching and learning, students are encouraged to participate in MOOC like NPTEL, SWAYAM, CDEEP, etc. to expose them to recent trends in the technology. Remedial lectures are conducted for slow learners and diploma students to bring them at par with the regular students. Attainment of Course Outcomes and gap analysis is done at the end of the semester and action plan is prepared and implemented to improve the teaching learning process. Continuous assessment and well planned academic calendar helps in achieving required outcome. Student counselling throughout the semester improves student performance through solutions given during the discussions. An innovative concept of course mentor - mentee is implemented at the institute. Course mentor is a faculty who is expertise in a particular subject domain that facilitates as a course expert to provide guidelines for effective and efficient delivery of content by the course faculty (mentee).

Curriculum Development

The institution is affiliated to Savitribai Phule Pune University and adopted the syllabus prescribed by the same. The syllabus undergoes revision from time to time with technological advancements. Faculty Members are encouraged to participate in the discussion and implementation of new syllabus through orientation programs organized by the University. Faculty Members participated in the Syllabus framing process and suggested revision in the new course. Course feedback is taken at the institute level every semester to get suggestions from the students as well. After analysing the feedback received, suggestions given by the students are discussed in the department meeting to take necessary action.

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 sheets, seminars and projects as per the norms laid down by the University. As a part of internal assessment for various subject heads such as term work, oral etc. the unit test , assignments are conducted and assessed for the calculation of internal marks and the same are displayed on notice board and uploaded on the institute website. In the Academic year 2019-2020, Savitribai Phule Pune University introduces a new syllabus for the first year engineering students which consists of 30 marks in-semester examination and 70 marks end semester examination.

Library, ICT and Physical
Infrastructure / Instrumentation

Library: The central library is fully equipped with all the necessary requirements such as Text Books, Reference Books, Literatures, e-Books, E-Journals, Print Journals, Audio Video, CD's etc. Every year the purchase in the library is done in accordance with SPPU syllabus as per the requirement of individual faculty members. Library is connected with a high-speed broadband network. Institution has a fully WiFi campus with adequate firewall and security measures. Digital library and wi-fi system is available in the library for utilization of E-resources. NPTEL Local chapter is coordinated by the Library. Library transactions are automated using Soul 2.0 software for all and the bar code based system for issue/return of books is implemented. It has an information resource repository consisting of the soft copy of university question papers, department and class wise syllabus, project reports of post graduate students and thesis of Ph.D. completed institute faculty members. It offers Book bank facility under social welfare activity for SC, ST Students and 3 books per semester for the first 3 toppers of each class. Books issue/return duration has been increased from 7 days to 15 days on student demand. Central library has adequate space for a reading hall and a photocopying facility is also made available for the students and the staff. ICT Institute uses the Google

Classroom as an ICT tool to cover classroom essentials. Many faculty members of the institute choose Google Drive for assignment creation and distribution Google Docs, Sheets and Slides for writing, Gmail for communication, Google Calendar for scheduling and Google meet as an online collaboration platform. The class-wise Google groups of students and faculty are created for sharing the e-content of related subjects. Faculty monitor the progress of each student, by creating, distributing, and grading assignments. Many faculty have also uploaded their course-related videos on YouTube and course materials on word press sites. Some faculty members have created their own course websites.

Physical Infrastructure: Institute has Internet leased line connection - connectivity speed improved and upgraded to 32 MBPS (1:1 contention ratio). All the classrooms are well equipped with LCD projectors. Computers in the laboratories are in network with internet facility and laboratories have the Wi-Fi connection. Facilities in the laboratories are based on the latest technology pertaining to Electronics and telecommunication and IT sector. Institute fulfils all the requirements mentioned by AICTE, related to physical infrastructure like administrative, amenities and circulation area. Institute ground provides facilities for various outdoor games. Indoor games facility is available within the institute premises. Physical facilities for Divyangjan are in place. Hostel with Gymnasium is provided to the students.

Industry Interaction / Collaboration

Institute encourages faculty members to interact with the industry of their respective discipline and also to sign MoU with them to strengthen interaction with industry. As part of the quality improvement strategy and to bridge the gap between academics and industry regular interaction with the industry 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. Entrepreneurship

development Cell is working to encourage students to become entrepreneurs.

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

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

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Prof. A. V. Kanade	NA	Association for Computing Machinery Advancing Computing as a Science Profession	1180
2019	Prof. S.B. Jadhav	NA	Computer Society of India	7080

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2020	NA	Workshop on Excel P rogramming (Part II)	30/03/2020	30/03/2020	Nil	16
2020	NA	Webinar on Cyber Crime and Security Awareness	09/04/2020	09/04/2020	Nil	16

		(Part II)				
2020	Faculty Development Program "DRUPAL" In Association with IIT Bombay Spoken Tutorial.	NA	18/05/2020	23/05/2020	172	Nil
2020	Webinar on "Intellectual Property Rights"	NA	30/05/2020	30/05/2020	331	Nil
2020	Workshop on LaTeX	NA	11/05/2020	15/05/2020	499	Nil
2020	Faculty Development Program on "Python Programming"	NA	04/05/2020	09/05/2020	176	Nil
2020	Faculty Development Program on "Workflow Automation through Microsoft Teams	NA	09/06/2020	09/06/2020	59	Nil
2020	Faculty Orientation Programme on the new curriculum of SE IT (2019 Course) for the subject "Logic Design and Computer Organization, Logic Design and Computer Organization Laboratory	NA	30/06/2020	30/06/2020	75	Nil
2020	NA	Seminar on Profess	20/01/2020	20/01/2020	Nil	29

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
8 week NPTEL Online Certification Course completed on "Refrigeration and Air-conditioning"	1	29/07/2019	22/09/2019	56
12 week NPTEL online certification course on Fundamentals of Automotive systems	1	09/01/2020	24/04/2020	84
Advanced Cpp Training by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India	1	27/04/2020	01/05/2020	5
NPTEL Online Certification Course on "Introduction to Internet of Things"	1	27/01/2020	25/04/2020	84
FDP on Deep Learning Part 1	1	01/01/2020	30/04/2020	84
NPTEL FDP on Ethical Hacking	1	01/07/2019	01/10/2019	84
Faculty Development program on Machine Learning using Python	1	01/05/2020	15/12/2020	15
NPTEL Online	1	27/01/2020	14/04/2020	79

Certification Course on Antennas				
NPTEL 12 weeks online course on NBA Accreditation and Teaching Learning in Engg. (NATE)	1	27/01/2020	17/04/2020	82
NPTEL Course Roadmap for Patent Creation-8 Weeks	3	27/01/2020	20/03/2020	53
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
38	22	61	0

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 employees children 11. Monetary help for medical purposes 12. Gymnasium facility 13. Institution provides financial support to participate in sports. 	<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 employees children 11. Monetary help for medical purposes 12. Gymnasium facility 13. Institution provides financial support to participate in sports. 	<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 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
NIL	0	NIL
View File		

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. Various Domain based companies list provided by parent member for improving training and placement activities 2. Useful suggestions and support taken from parents through DAB and Parent Teacher meeting . 3. Seminar on Opportunities in defence for Engineering students by Mr.Santoshkumar Chavan (Parent of Akshita Chavan BE Comp) during the winter camp of NSS .

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

1) Webinar on Cyber Crime and Security Awareness (Part II) . 2) Workshop on Excel Programming (Part II). 3) Seminar on Professional Ethics at Work Place .

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 , pool campus recruitment etc. 2. Maximizing the use of ICT in the use of Teaching. 3. Motivating Faculty members to attend the seminars ,webinars ,workshops, FDP , STTP, etc.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Workshop on Python Programming	17/09/2019	17/09/2019	19/09/2019	14
2020	Seminar on Professional Ethics at Work Place	20/01/2020	20/01/2020	20/01/2020	29
2020	Workshop on Excel Programming (Part II)	30/03/2020	30/03/2020	30/03/2020	16
2020	Webinar on Cyber Crime and Security Awareness (Part II)	09/04/2020	09/04/2020	09/04/2020	16
2020	FDP on Python Programming	04/05/2020	04/05/2020	08/05/2020	176
2020	FDP on LaTeX	11/05/2020	11/05/2020	15/05/2020	499
2020	FDP on Drupal in association with IIT Bombay spoken Tutorials	18/05/2020	18/05/2020	23/05/2020	172
2020	NBA Quiz series	18/05/2020	18/05/2020	23/05/2020	263
2020	Webinar on Intellectual Property Right	30/05/2020	30/05/2020	30/05/2020	331
2020	Faculty Orientation Programme on the new curriculum of SE IT (2019 Course) for the subject Logic Design and Computer Organization , Logic Design and Computer Organization	30/06/2020	30/06/2020	30/06/2020	75

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
Raksha Bandhan - Katraj Police Station	15/08/2019	15/08/2019	30	20
Raksha Bandhan - Security Guards, BVP	15/08/2019	15/08/2019	30	25
Seminar on cervical cancer	24/09/2019	24/09/2019	162	0
Nirbhaya Kanya Self Defence Workshop	10/01/2020	10/01/2020	100	0
Nirbhaya Kanya workshop on Cyber safety and security	11/01/2020	11/01/2020	58	0
Shramdaan-Kitchen Back area	31/01/2020	31/01/2020	120	20
Street play -Nagrikatva	01/02/2020	01/02/2020	120	20
Dindi - Ek Bharat Shresth Bharat	01/02/2020	01/02/2020	120	20
Gajar Kirtanacha	02/02/2020	02/02/2020	120	20
Shramdaan - Cleaning the nearby Canals	04/02/2020	04/02/2020	120	20
Shramdaan - Unwanted Plants Cleaning	05/02/2020	05/02/2020	120	20

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

NIL

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
Any other similar facility	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
2019	1	Nil	25/06/2019	68	Facilitation Center for First Year in Engineering	Facilitation for Registration and document verification for centralized admission Process	417
2019	Nil	1	28/06/2019	1	Warkari Mitra Activity (Post Wari Stay)	cleanliness of Post Wari Stay	8
2019	1	Nil	07/07/2019	1	Ph.D (PET) Examination	Ph.D (PET) Entrance Examination center	179
2019	1	Nil	09/07/2019	8	Facilitation Center for Master of Engineering	Facilitation for Registration and document verification	54

					ng	ion for c entralize d admission Process	
2019	1	Nill	07/08/2 019	82	Facilit ation Center for Direct Second Year in E ngineerin g	Facilit ation for Registrat ion and document verificat ion for c entralize d admission Process	225
2019	Nill	1	27/09/2 019	1	Awareness about nei ghbourhoo d	Neighbo urhood awareness	10
2019	Nill	1	21/10/2 019	1	Diwali Celebrati on: Cloth Donation to Footpath Children	Cloth donation for needy and poor children	11
2020	Nill	1	08/01/2 020	31	Animal Adoption at Rajiv Gandhi Zoo	Adopting animal for one month expenses	100
2020	1	Nill	24/01/2 020	1	HB CHECK-UP DRIVE	Health awareness	198
2020	Nill	1	03/02/2 020	1	Street Play - An dhashradh ha	Andhash radhha Nirmulan	128
View File							

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

Title	Date of publication	Follow up(max 100 words)
7.1.5 - Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders	01/07/2019	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://coepune.bharativedyapeeth.edu/media/pdf/coepune_code_of_conduct_11_nov.pdf 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://coepune.bharativedyapeeth.edu/media/pdf/COEWPune_core_values_050918.pdf

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Republic Day : Dhwaroharan	26/01/2020	26/01/2020	116
Morning Prayer : Ekta	01/02/2020	01/02/2020	128
Computer Literacy	02/02/2020	02/02/2020	128
Shramdaan : Painting the Walls of Asmita Bhavan	04/02/2020	05/02/2020	35
Trekking to Kadjai Mata Mandir	03/02/2020	03/02/2020	110
Street Play : Mansane Mansashi Mansasam Vagane	05/02/2020	05/02/2020	128
FSAI-Industrial Visit	27/07/2019	27/07/2019	127
Independence Day : Flag hosting	15/08/2019	15/08/2019	133
Teachers day celebration	05/09/2019	05/09/2019	95
Savitribai Phule Jayanti: Awareness about Education(drama)	03/01/2020	03/01/2020	25

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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 Practicel 1. Title of the practice: Course Mentor Mentee Scheme Goal: 1.

To facilitate course mentee. 2. To 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 faculty who is expertise in a particular subject domain that 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. • Due to pandemic situation holding last meeting for mentee was not possible. Evidence of Success: • When the course pattern is revised mentor guides the mentee up to what depth the topic has to be covered, practical conduction and purchase of experimental resources. • It ensures academic calendar activity being followed effectively. • It improves the performance of slow learners. Best Practice 2 2. Title of the practice: Training for enhancement of employability skill set. Goal: 1. To enhance soft skills. 2. To achieve good placement ratio. The Practice: The institute's

Training 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, and Goal Setting is conducted for all second year students. • Peer to Peer Training: - Since 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 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. Since 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. • To enhance Coding and Aptitude skills of the students, Coding and Aptitude Skill Enhancement Clubs are started since October 2019, this also includes HR club. These clubs are operated through the social platforms like Google classroom and Whatsapp group. The student coordinators operate these clubs under the guidance of training coordinator. • Coding Club: - The student coordinators of this group post questions related to coding based on different programming languages like C, C and Java. The types of questions are either MCQs or problem statements. Special focus is given on problem

statements which are frequently asked in various company specific drives (e.g.: TCS ninja).

- Aptitude skill Enhancement Club: - Questions related to Quantitative, Verbal and Current Affair sections are posted on these groups as daily assignments .To improve vocabulary of the students five new words are given with their meanings, synonym and their use in sentences.
- HR Club (Group Discussion):- This club was added newly since 16/03/2020 in the lockdown period to engage students in developing their communication skills and making them more comfortable for HR rounds in placement. To carry out group discussion online some topics are posted every day on which other students are supposed to put forth their views and discuss.
- Test Series Club: - New addition to existing clubs, since May 2020. To make the students aware and give them practice for the different competitive levels in campus drives like the aptitude test, coding test, and English (verbal ability), tests are conducted in three levels Easy, Moderate and Hard. This is followed by various company specific tests, which consist of questions related to the ones asked in the companies like TCS, Infosys, Wipro, Amazon etc. These tests help the students to understand the pattern of various placement drives tests and give them a real time experience.
- Context: Earlier the institute used to find it difficult to place the students in industry through campus placement. Main reasons identified were diversity of students lack of employability skills as per the industry standards. In view of this exclusive pre placement training program, Coding and Aptitude skill Enhancement Clubs in alliance with HR and Test series clubs are started 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 mentors for the students to train them as per industry standards.
 - Though multiple opportunities for recruitment are provided to the students, the procedures for campus selection are becoming challenging day by day.
- Evidence of Success:
 - Students have given positive response through feedback.
 - Campus placement has increased due to efforts taken by the staff and the students.

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

http://coewpune.bharativedyapeeth.edu/media/pdf/Institutional_Best_Practices_200121.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

Institute Distinctiveness:- Institute vision is, "Women empowerment through technical education". Institution consistently inspires students and provides platform for technical skill development and Ethical and Human value development. Despite of 'COVID-19' pandemic situation, the institute organized Faculty Development Programs (FDPs), Webinars, Skill development and Training Programs etc. along with all academic activities in online mode of education at its fullest. The sincerity in academic planning, monitoring and execution is reflected in consistently good university examination results. The institute strive hard for the academic excellence by securing university ranks among SPPU exam results. Under the headship of Prof.Dr.S.R.Patil and with great team work the ETC department had set a tradition of university ranks among SPPU exam results. The ETC department made hat trick of university ranks for three consecutive academic years. In the A.Y.2015-16 Ms. Shashanki Singh secured 1st rank in T.E.(ETC), in the A.Y. 2016-17, Ms. Shashanki Singh secured 9th rank in B.E.(ETC), and Ms. Komal Pawar secured rank in B.E.(ETC) among top ten ranks in university in the A.Y.2017-18.The tradition of university rank continued by three students Ms.Priya Ghosh of T.E.(I.T.) secured 9th Rank, Ms. Payal Bhandari of TE (Comp..Engg.) secured 6th Rank and Ms. Sanyogta Rajput of TE

(Comp.Engg.) secured 9th Rank in SPPU exam in May 2019. Institution motivates and supports students to participate in various district, state and national level events and competitions. The students are always encouraged to participate in technical events such as AICTE-CVA(Chatra Vishwakarma Awards-Project Competition), AICTE-SIH(Smart India Hackathon) both software and hardware version , Natarajan Education Society (NES) Innovation Awards, SPPU-AVISHKAR-project competition , conferences, project competitions, etc. The final year students of Information Technology Department (B.E. I,T.), Ms. Jadhav Kshitija, Ms. Jagtap Abhilasha, Ms. Kolte Tejal and Ms. Kshirsagar Varsha under the guidance of Prof. S. B. Dhuttargi bagged the Third Prize in Natarajan Education Society (NES) Innovation Awards 2020. The consistent participation and evidences of success prove distinctiveness of the Institution across the country. The staff members filed three patents and two copyrights. There are 10 faculty members with Ph.D. and 20 faculty have taken up research work for Ph.D. Many initiatives are being taken on multiple aspects to strengthen activities s.a.industry institute interaction, encouraging faculty in quality improvement activities, students participation in technical and co-curricular and sports activities. Under the guidance of Principal Prof.Dr.S.R.Patil efforts are being taken to develop industry connect by signing MoU with reputed industries. As a outcome of these efforts an academic MoU is signed with AWS (Amazon Web Services) a reputed company in cloud domain. Prof.Dr.S.P.Kadam is appointed as coordinator for this MoU.With the support of AWS , institute started certificate courses in 1.Cloud foundation and 2.Cloud Solution Architect , under the membership of AWS Academy. Five faculty members has become AWS Cloud Foundation Certified Trainers and providing training to the students for AWS certification course. This will help students in getting job opportunities in cloud domain which is emerging area of industry. The staff members and students are encouraged to join National Programme on Technology

Provide the weblink of the institution

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

8.Future Plans of Actions for Next Academic Year

1. Seminar on human values and professional ethics are planned for the students.
2. Technical skill up gradation programmes are scheduled for non teaching technical and administrative staff.
3. Minimum two staff members of each department to participate in National/International activities beyond the state.
4. Core companies to be invited for offering internship/recruitment of the students.
5. Training sessions for skill development of the students to be organized during summer vacation.
6. Activities to be planned by Institute Innovation Cell.
7. Encouraging students to participate in extracurricular activities within and outside the college.
8. NBA pre-qualifier to be kept ready for submission.