



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, LAVALE, PUNE
Name of the head of the Institution	Rajendrakumar Narayan Patil
Designation	Principal (in-charge)
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	02020291357
Mobile no.	9822431072
Registered Email	coelpune@bharatividyaapeeth.edu
Alternate Email	rajendrakumar.patil@bharatividyaapeeth.edu
Address	A/P: Lavale, Tal: Mulshi, Dist: Pune
City/Town	Lavale Pune
State/UT	Maharashtra
Pincode	412115

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	Self financed
Name of the IQAC co-ordinator/Director	Yogesh Vasant Kadam
Phone no/Alternate Phone no.	02020291357
Mobile no.	9156677244
Registered Email	yogesh.kadam@bharativedyapeeth.edu
Alternate Email	iqac.bvcoel@bharativedyapeeth.edu

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://bvcoe.bharativedyapeeth.edu/index.php/naac/aqar
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://bvcoe.bharativedyapeeth.edu/index.php/academics/academic-calendars

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.5	2018	02-Nov-2018	01-Nov-2023

6. Date of Establishment of IQAC	26-Oct-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
NBA Preparation Quiz	06-May-2020	40

	3	
Monthly Report	15-Jun-2019 365	45
View File		

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	NIL	NIL	2020 0	0
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

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 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)

Monthly Report NBA Preparation Quiz

[View File](#)

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

Plan of Action	Achievements/Outcomes
NBA Preparation	Faculty Members now well aware about the NBA Accreditation Process
NIRF Participation	The institute has participated in NIRF
Focus on Research and Development activities	Patents have been filed by faculty members

Submission of Monthly Report by departments	Departements have submitted Monthly Reports to IQAC Cell which keeps track of activities happened in departments.				
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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">Name of Statutory Body</th> <th style="width: 50%;">Meeting Date</th> </tr> </thead> <tbody> <tr> <td>College Development Committee</td> <td>24-Aug-2021</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	College Development Committee	24-Aug-2021
Name of Statutory Body	Meeting Date				
College Development Committee	24-Aug-2021				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2020				
Date of Submission	30-Jan-2020				
17. Does the Institution have Management Information System ?	Yes				
If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	Bharati Vidyapeeths College of Engineering bought Edhitch software for maintaining academic records. It has modules for Administrators, Heads, Professors and Students which monitors progress of students. Edhitch platform focuses on creating digital classes for Outcome Based Education. It connects Administrators, Professors and Students.				

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

BVCOEL Pune, meticulously plans for effective implementation of the curriculum prescribed by Savitribai Phule Pune University (SPPU). All the departments prepare academic calendar in line with the academic calendar prescribed by the University which consist of all technical and nontechnical activities. Workload distribution is prepared in accordance with syllabus structure. Prior to start of the term, each faculty member submits his/her subject preferences to the Head of Department (HOD). Likewise, the electives are floated to the students to decide their choice to finalise. As per preference of subject, HOD assigns

the faculty member as per their qualification and expertise and the subject distribution is communicated to the faculty member well in advance for proper preparation. Timetable is prepared as per the availability of infrastructure and subject allocation to respective faculty members. The approved Time table is displayed on notice boards and college website prior to commencement of new term. The lectures plan are recorded in academic diary of teachers. The teachers prepare the teaching materials and delivery content in their course files before the commencement of teaching and other resources for effective implementation of curriculum such as PPT Presentations, Industrial Visits, expert lectures, Videos, Use of charts and graphs etc. Program Assessment committee (PAC) and Head of the department monitor the same. Faculty member meetings are held every week by the HOD to take academic review and suitable remedial measures are advised if necessary .Faculty members need to make alternative arrangements before going for any leaves. Format for leaves are designed in a such a way that the arrangements made can easily be identified by the heads of the department and Principal.. Internal assessment of the students is done with the help of unit tests, assignments and external assessment is done by Savitribai Phule Pune University (oral/practical/insem/endsem)exams, feedback are also collected from all stakeholders. Based on semester wise result analysis of every course corrective measures are suggested and remedial classes are conducted as and when required. Project coordinator is assigned to final year students who assign project guides to these student groups as per area of specialization of the faculty member. The students are encouraged to get company/college sponsored projects with innovative idea. With the aim of providing best resources to the industry, department encourages their students to participate in co curricular activities such as certificate courses and extracurricular activities under value added courses. Each department monitors student's data with the help of KYS (Know Your Student) form. Selection process of final year projects: Project coordinator is assigned to final year students who assign project guides to these student groups as per area of specialization of the faculty member. The students are encouraged to get company/college sponsored projects with innovative idea. Projects with market potential are considered and supported for development of new start-ups.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
National Level Hardware Workshop	Nil	26/07/2019	6	Employability Entrepreneurship	Hardware
Concept of C C Programming Language	Nil	07/10/2019	6	Employability	Programming
Workshop on "Industrial IOT and Artificial Intelligence"	Nil	23/09/2019	5	Employability	Programming
Institutional Ansys Workbench	Nil	19/11/2019	14	Employability	Mechanical CAE
Auto CAD	Nil	01/08/2019	60	Employability	Software

2D				ity	Skills, Design, Professional Skills
STADD Pro	Nil	01/08/2019	60	Employabil ity	Software Skills, Design, Professional Skills

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	MECHANICAL ENGINEERING	15/06/2019
BE	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	15/06/2019
BE	COMPUTER ENGINEERING	15/06/2019
BE	CIVIL ENGINEERING	15/06/2019
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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	CIVIL ENGINEERING	15/06/2019
BE	COMPUTER ENGINEERING	15/06/2019
BE	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	15/06/2019
BE	MECHANICAL ENGINEERING	15/06/2019

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

	Certificate	Diploma Course
Number of Students	220	Nil

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
Zensar ESD Training	16/12/2019	41
Communication Skill	06/07/2019	26
Industrial IOT and Artificial Intelligence	23/09/2019	49
Land Survey	01/08/2019	15
NDT Testing	01/08/2019	15
Role Of Music in Life	06/08/2019	32
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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	CIVIL ENGINEERING	88
BE	COMPUTER ENGINEERING	143
BE	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	25
BE	MECHANICAL ENGINEERING	54
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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 teaching-learning progress of every class in each department are evaluated and corrective actions are taken. Feedback taken from all the stack holders like Students, Teachers, Employers, Alumni, Parents. STUDENTS: The feedback from the students is obtained at the end of every semester through Course Exit Survey. Student have options to reveal their identity or to be anonymous. When the feedback of a faculty is not encouraging, the concerned faculty is counseled by the Head of the Department to improve his/her performance. TEACHERS: The institute has made it a practice to conduct all faculty meeting, periodically, where the ways and means of enhancing the curriculum, academic discipline, Teaching Learning process, Research and Extension activities are discussed. The appropriate suggestions are put forward to the respective departments for implementation. ALUMNI: As the alumni is found to be the brand ambassador(s) of our institute, the feedback of the alumni is taken with due considerations. Our institute has a strong and healthy association with the Alumni. A formal exit feedback is conducted by the Alumni Association after completion of the academics. EMPLOYERS: Feedback is collected from employers about industry-readiness of students. Industrialists are involved in various committees like Departmental Advisory Board, College Development Committee and IQAC where they directly provide inputs for development of students and institute. PARENTS: As an important stakeholder of this system, the parent feedback is also obtained and analyzed. Some of the parameters accommodated in the parent's feedback, include quality of teaching, students discipline, sports facilities, lab facilities, examination system, student activities such as transport, library, internet facilities, WiFi etc. Experts/Guests Feedback from the guests and experts visiting the institute for expert lectures/seminar/workshop/events is taken and used for improvements. FEEDBACK ANALYSIS AND REWARDS AND CORRECTIVE MEASURES TAKEN Rewards/Awards Due recognition is given to the contribution made by the faculty members in their performance under different categories (Teaching-learning, examination results, responsibilities at Department and Institute level, publication / awards /

patents, lectures delivered). Corrective measures Counselling will be given to the concerned faculty by HOD and Principal.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	MECHANICAL ENGINEERING	360	331	287
BE	ETC ENGINEERING	240	144	77
BE	COMPUTER ENGINEERING	240	250	241
BE	CIVIL ENGINEERING	240	265	221

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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	826	Nil	50	Nil	Nil

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
50	45	3	10	4	4

[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)

During journey of four years through the under graduate engineering program students often need mentoring, guidance and counseling. Direct academic issues like selection of electives can be easily communicated to the student. But other issues like career options or fear of a subject need greater involvement of the mentor. A similar system as discussed above, namely 'Guardian Faculty member (GFM) exists in this college since inception of the institute to improve the institute's present endeavor towards academic quality. Each faculty is mentor to a group of 20 to 25 students. First year students will have mentors from the department of Basic Engineering Science and second, third, fourth year students will have mentors from the parent department. Responsibilities of the mentor

1. Meet the group of students on regular basis.
2. Continuously monitor, counsel, guide and motivate the students in all academic matters.
3. Advise students regarding choice of electives, project, summer training, internship etc.
4. Advise students in their career development/professional guidance.
5. Maintain a brief but clear record of all discussions with students.

Institute has a regular practice to conduct meetings between GFM and Students on monthly basis and discuss syllabus progression and other issues.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
826	50	1:17

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
54	50	4	3	4

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	Hasarmani T.S.	Assistant Professor	Session Chair, IEEE ICOIAC-2019
2019	Hasarmani T.S.	Assistant Professor	Chief Guest for Engineer's Day @ Nutan College of Engineering Talegaon Pune
2019	Hasarmani T.S.	Assistant Professor	Reviewer: Advances in Science, Technology and Engineering Systems Journal (ASTESJ)
2019	Dr. Nidhi Jain	Assistant Professor	Reviewer of Journal Acta Scientific International Journal

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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	679619110, 679624510, 679637210, 679661210	4	05/06/2020	20/07/2020
BE	679619110, 679624510, 679637210, 679661210	3	05/12/2019	22/02/2020
BE	679619110,	2	05/06/2020	21/07/2020

	679624510, 679637210, 679661210			
BE	679619110, 679624510, 679637210, 679661210	1	07/12/2019	11/02/2020
BE	679619110, 679624510, 679637210, 679661210	5	05/12/2019	20/01/2020
BE	679619110, 679624510, 679637210, 679661210	6	05/06/2020	29/07/2020
BE	679619110, 679624510, 679637210, 679661210	7	05/12/2019	28/01/2020
BE	679619110, 679624510, 679637210, 679661210	8	22/10/2020	15/12/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

For the continuous evaluation of the students SPPU Pune conducts various examinations at different level from first year to final year. The students are evaluated on the basis of examinations defined by the university which are online examination based on MCQ Test for first year and second year students, In-sem examination for third year and final year students, Practical and oral examination and End Semester exam for all. End Semester is the written examination conducted at the end of every semester. The institute ensures that the students are well prepared for all the examinations. In addition to the this faculty members conduct Unit test/Surprise tests to evaluate students performance on regular basis. For continuous evaluation of students performance, an Academic record book is designed to keep record of all the practical conduction and its dates. For each practical marks are given on the basis of three parameters such as timely submission, presentation and Understanding. Mock orals/practicals are conducted before the external oral/practical examination. The orientation programs are held at the beginning of every semester by the HODs and GFMs to familiarize students with the continuous evaluation process. The academic calendars are displayed at the notice board indicating the Exam dates. Result analysis is rigorously done after every exam by the subject tutor and the analysis is monitored by the departmental heads. Necessary feedback is given to the concerned student and the subject tutor for the improvement in performance. Progress reports are sent to the parent by the institute and are advised to note the performance of their ward and take remedial measures if needed. Remedial classes are arranged for the concerned students who participate in sports, NSS, placement activities and also for slow learners, absentees. This practice is encouraged to assist struggling learners to catch up with other peers. Students are made aware of the Course Outcomes and Program Outcomes by respective subject teacher and Head of Department. Assignments are given to students and evaluated which maps to the Course Outcomes. After declaration of results faculties are required to

calculate attainment of Course Outcomes and initiate action accordingly.

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

Each Semester well planned Academic Calendar is prepared before the commencement of the academic year for proper execution of the academic and other activities which is in line with University Academic Calendar. It serves as information source for planning to students, faculties and departments. The Academic Calendar is displayed over College website which helps institute for purpose of referring the timeline of multiple activities. The Academic calendar includes class start dates, end dates, exam dates, events and activities planned etc. It provides perfect balance between curricular, co-curricular and extracurricular activities, teaching and examination schedule as well as other activities like sports festivals, intercollegiate programs and spiritual festivals. All examinations are conducted according to Academic Calendar. The implementation of academic calendar and proper delivery of the curriculum is regularly monitored by HODs. It becomes easy to trace and implement different activities by referring Academic Calendar. However, changes in dates of examination by university, institute needs to reschedule some activities as per the requirement. At the end of each semester review is taken in the IQAC meeting to improve the overall performance.

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://bvcoe.bharativedyapeeth.edu/index.php/academics/pos-peos-psos-all>

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
679619110	BE	CIVIL ENGINEERING	74	73	98.65
679624510	BE	COMPUTER ENGINEERING	54	54	100
679637210	BE	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	17	17	100
679661210	BE	MECHANICAL ENGINEERING	119	101	84.87

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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://bvcoe.bharativedyapeeth.edu/media/pdf/SSS_2019-20_Summary_180920.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
Industry sponsored Projects	365	Smart machine tools	0.04	0.04
Industry sponsored Projects	365	Rayer Alpha	0.1	0.1
Industry sponsored Projects	365	Mass Technologies	0.7	0.7
Industry sponsored Projects	365	Austere Systems Pvt. Ltd. Akurdi	0.6	0.6
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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
Carrier Guidance	Mechanical Engineeirng	16/07/2019
Future trends in Engineering	Civil Engineering	17/07/2019
Seminar on Intellectual Property Rights	First Year	18/07/2019
Industry Readiness Program	Computer Engineering	25/07/2019
National Level Hardware Workshop	Computer Engineering	26/07/2019
Seminar on Joy of Programming, An Industry Readiness Program	Computer Engineering	19/09/2019
Seminar on Industry Academia Interface	Computer Engineering and ETC Engineering	20/09/2019
ISHRAE Student Chapter Reinstallation and Tech Talk	Mechanical Engineering	20/09/2019
Seminar on Industrial IoT and Artificial Intelligence	ETC Engineering	23/09/2019
Workshop on C and C Plus Plus Programming Language	Computer Engineering	07/10/2019
Workshop on Data Structure and Algorithms	Computer Engineering	17/10/2019
Seminar on Properties and Application of Networking	Computer Engineering	19/10/2019
Ansys course	Mechanical Engineering	02/02/2020

Webinar on Android Application Development	Computer Engineering	22/04/2020
Skill based learning for Construction Professionals	Civil Engineering	16/03/2020
Webinar on Cultivate the Idea of Entrepreneurship	Computer Engineering	30/04/2020
Webinar on Latest Trends in Information Technology	Computer Engineering	04/05/2020
Webinar on Branch of Engineering is no Barrier to your Career	Computer Engineering	06/05/2020
Webinar on Are we ready for the IT Job? A Deep Dive session on where we are and where we want to go..!!	Computer Engineering	07/05/2020
Webinar on Employment to Entrepreneurship	Computer Engineering	10/05/2020
Webinar on Technologies Shaping Business Employability	Computer Engineering	12/05/2020
Webinar on Intellectual Property - Know Your Rights	Computer Engineering	13/05/2020
Introduction to CFD Career opportunities in CFD for UG students	Mechanical Engineering	26/05/2020
Metrology and Quality control	Mechanical Engineering	20/05/2020
Innovation and Entrepreneurship at institute level	First Year	15/10/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Start-Up : HSPM Solutions	Himmanshu Saraf and Sajid Shaikh	IIC , SPPU	18/10/2019	Shortlisted in cluster level competition organised by SPPU after clearing college level and initial screenings.
Start-Up : HSPM Solutions	Himmanshu Saraf and Sajid Shaikh	IIC , SPPU	20/01/2020	Shortlisted for Virtual Pre-Incubation under Ready to Go Level, i2e competition

				(Selected in top 13 teams among 1500 teams across SPPU Pune)
Graffiti 2020, Sale of Tomorrow	Nehal Gajbhiye Sujal Golar	Symbiosis Institute of Information Technology University	17/01/2020	1st prize Inter-institute events
Entrepreneurs hip Awareness Camp	Manisha Mahadev Suryawanshi	Symbiosis's Institute of Digital and Telecom Management, Pune	18/01/2020	University
ISHRAE Student Chapter	shaikh arbaz, Snehal ghodajkar	JSPM Thathwade, Pune	22/02/2020	4th rank in paper presentation
Gokarting	Himanshu Ingole and others	Auto India Racing Championship 2020	09/02/2020	National
Gokarting	Himanshu Ingole and others	Society of Automotive and Mechanical Engineer / Students Kart Design Challenge (SKDC)	28/02/2020	National
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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
NIL	NIL	NIL	Stylopedia Technology Pvt. Ltd.	Service Based Platform(LLP Incorporation.)	20/06/2019
NIL	NIL	NIL	SOFTEZI Solutions LLP	Service Based Platform(LLP Incorporation.)	27/01/2020
NIL	NIL	NIL	AK Business Group	AK Business Group:- Advertising and Digital Marketing	15/03/2020
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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
0	Nil

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	CIVIL ENGINEERING	2	5.87
International	COMPUTER ENGINEERING	2	5.1
International	ETC ENGINEERING	1	0.5
International	MECHANICAL ENGINEERING	7	4
International	FIRST YEAR	9	3.8

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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
ETC ENGINEERING	1
MECHANICAL ENGINEERING	1
FIRST YEAR	5

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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
Analysis and Examination of Heart Distress from ECG Signal using Artificial Intelligence.	Leena.B. Chaudhari	EDP Sciences (Scopus Indexed)	2020	0	BVCOEL, Pune	Nil
Terpolym eric Nanoc omposites of Silver	Dr.Nidhi Jain	Internat ional Journal of Innovative	2020	0	BVCOEL, Pune	Nil

for Wound Healing Applications		Technology and Exploring, Scopus Indexed Engineering (IJIT EE) (Scopus Indexed)				
Synthesis, characterization and parametric study for diameter of nano fiber of Chitosan, Azadirachta Indica leaves extract composite	Dr.Nidhi Jain, Mrs. Amruta Pasarkar, Dr. R. N. Patil	Test Engineering and Management (Scopus Indexed)	2020	2	BVCOEL, Pune	2
A Research Paper on Contamination of Water Due to Fluoride, Lead and Arsenic and its Removal Techniques	Dr.Nidhi Huzaif U. Mujawar	International Journal of Innovative Technology and Exploring Engineering (IJITEE) (Scopus Indexed)	2019	0	BVCOEL, Pune	Nil

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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
A Research Paper on Contamination of Water Due to Fluoride, Lead and Arsenic and its Removal	Dr.Nidhi Huzaif U. Mujawar	International Journal of Innovative Technology and Exploring Engineering (IJITEE) SCOPUS,	2019	3	2	BVCOEL, Pune

Techniques						
Synthesis, characterization and parametric study for diameter of nano fiber of Chitosan, Azadirachta Indica leaves extract composite	Dr.Nidhi Jain, Mrs. Arunrta Pasarkar, Dr. R. N. Patil	Test Engineering and Management (Scopus Indexed)	2020	3	Nil	BVCOEL, Pune
Terpolymeric Nanocomposites of Silver for Wound Healing Applications	Dr.Nidhi Jain	International Journal of Innovative Technology and Exploring, Scopus Indexed Engineering (IJIT EE) (Scopus Indexed)	2020	3	Nil	BVCOEL, Pune
Analysis and Examination of Heart Distress from ECG Signal using Artificial Intelligence.	Leena.B. Chaudhari	EDP Sciences (Scopus Indexed)	2020	Nil	Nil	BVCOEL, Pune
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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	46	169	19	Nil
Presented papers	Nil	4	Nil	Nil
Resource persons	Nil	1	Nil	Nil
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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
Yoga Day	NSS, BVCOE Lavale, Pune	39	156
Guinness World Record	NSS, BVCOE Lavale, Pune	4	75
Swachh Vari- Swasth Vari-Nirmal Vari-Harit Vari-NSS Vari	NSS with Savitribai Phule Pune University	2	40
Anti-Tobacco Mass Pledge Activity	NSS, BVCOE Lavale, Pune	25	120
NSS Vari Mahasankalp Abhiyan Sanman Sohala 2019	NSS with Sinhgad Institute of Technology Lonavala	1	Nil
Western Maharashtra Flood Relief Activity	NSS, BVCOE Lavale, Pune	7	48
Tree Plantation	NSS, BVCOE Lavale, Pune	25	120
Fit India Movement	NSS, BVCOE Lavale, Pune	45	450
Rastriya Ekata Divas	NSS, BVCOE Lavale, Pune	15	70
Constitution Day	NSS, BVCOE Lavale, Pune	25	170
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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
Guinness World Record	Guinness World Record Certificate	The Guinness Book of World Records	75
Swachh Vari- Swasth Vari-Nirmal Vari-Harit Vari-NSS Vari	SPPU Certificate	SPPU	40
Anti-Tobacco Mass Pledge Activity	Certificate	BVCOE Lavale, Pune	145
NSS Vari Mahasankalp Abhiyan Sanman Sohala 2019	Trophy and Certificate	Sinhgad Institute of Technology Lonavala	1
Blood Donation Camp	Certificate	BVCOE Lavale, Pune	103
View File			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government

Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Yoga Day	NSS, BVCOE Lavale, Pune	Yoga Day	39	156
Guinness World Record	NSS, BVCOE Lavale, Pune	Guinness World Record	4	75
Swachh Vari-Swasth Vari-Nirmal Vari-Harit Vari-NSS Vari	Savitribai Phule Pune University	Swachh Vari-Swasth Vari-Nirmal Vari-Harit Vari-NSS Vari	2	40
Anti-Tobacco Mass Pledge Activity	Akurdi, Pune	Anti-Tobacco Mass Pledge Activity	25	120
NSS Vari Mahasankalp Abhiyan Sanman Sohala 2019	Sinhgad Institute of Technology Lonavala	NSS Vari Mahasankalp Abhiyan Sanman Sohala 2019	1	Nil
Western Maharashtra Flood Relief Activity	NSS, BVCOE Lavale, Pune	Western Maharashtra Flood Relief Activity	7	48
Tree Plantation	NSS, BVCOE Lavale, Pune	Tree Plantation	25	120
Fit India Movement	NSS, BVCOE Lavale, Pune	Fit India Movement	45	450
Rastriya Ekata Divas	NSS, BVCOE Lavale, Pune	Rastriya Ekata Divas	15	70
Constitution Day	NSS, BVCOE Lavale, Pune	Constitution Day	18	107
View File				

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Guest Lecture on Industry Readiness Program	Prof. Santosh Borde, Training and Placement Officer, JSPM Pune.	BVCOEL	1
Expert Lecture on Properties and Application of Networking	Prof. Roma Kudale, Asst. Professor, SKNCOE Pune	BVCOEL	1
Engineering Mathematics-II "Curve Tracing" by Dr. Chaya Kiran Lande (Seminar)	Prof. Jyoti Dhanke - Engineering Science Department	BVCOEL	1

Motivational Talks: Career Counselling and Personality Development	Prof.U.C.Patkar, HOD - Computer Engg. dept.	Jawahar Education Society's, Institute of Technology Management Research, Nashik	1
Webinar on Demystifying Blockchain	Dr.Sonali Patil, HOD ,PCCOE,IT Dept. Pune	BVCOEL	1
Webinar on Situation Post COVID for Placements	Prof. Santosh Borde, Training and Placement Officer, JSPM Pune.	BVCOEL	1
Webinar on Practical Programming in Machine Learning	Prof.Pranoti Kale, Associate Prof & TPO, BVCOEW Pune	BVCOEL	1
Webinar on IoT: Overview, Use Cases and Application Development	Dr.Parikshit Mahale, HOD - Computer Engg. dept., SKNCOE,Pune	BVCOEL	1
Webinar on Intellectual Property - Know Your Rights	Dr.Sunita Dhotre, Asst.Professor, BVDUCE Pune	BVCOEL	1
Webinar on Virus Graph and COVID-19 Pandemic: A Graph Theory Approach	"Dr.H.R.Bhapkar, Professor, MITCOE, Pune"	BVCOEL	1
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Internship 2019-2020	BASF India Ltd., Mumbai	19/12/2019	09/01/2020	1
Industrial Visit	Industrial Visit 2019-20	Visit To CONSTRO 2020 (Builders Association of India)	16/01/2020	17/01/2020	120
Industrial Visit	Industrial Visit 2019-20	Venkatesh Buildcon	23/01/2020	23/01/2020	50
Project work	Project Sponcership	Defence Research and Development Organisation	17/06/2019	30/04/2020	4

		(DRDO)			
Industrial Visit	Industrial Visit 2019-20	India Meteorological Department	28/02/2020	28/02/2020	46
Internship	Internship 2019-2020	L D Infotech LD Infotech Pvt.Ltd, Vetambuwa chowk Above Honda showroom opposite to siddhi lawns, Narhe	04/01/2020	04/05/2020	1
Internship	Internship 2019-2020	Web Minds IT Solution, Kudale Baug, Vadgaon Budruk, Pune, Maharashtra	16/12/2019	20/01/2020	3
Internship	Internship 2019-2020	Microsoft	15/12/2019	15/02/2020	1
Internship	Internship 2019-2020	Bolt IOT 79, 11th Cross Rd, Binnamangala Indiranagar, Bengaluru Bengaluru, Karnataka 560038, India	11/11/2019	24/01/2020	1
Internship	Internship 2019-2020	National Institute of security markets	11/11/2019	27/12/2019	1
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Gurukrupa Construction Pune.	18/07/2019	Industrial Visit, Guest Lecture, Internship	1
S.R. Industries, CHAKAN, PUNE.	04/10/2019	For Internship of students	1
Kalyani Enterprises, Chinchwad, Pune	05/10/2019	For Internship of students	1

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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
400	337

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Classrooms with Wi-Fi OR LAN	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	Partially	2.0 Full Edition	2021

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	10221	4786633	10	3400	10231	4790033
Reference Books	1892	851400	1	400	1893	851800
e-Books	455	Nill	541	Nill	996	Nill
Journals	331	1304482	41	130103	372	1434585
Digital Database	2601	Nill	565	Nill	3166	Nill
CD & Video	981	Nill	10	Nill	991	Nill

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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	Date of launching e-
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		is developed	content
NIL	NIL	NIL	Nil
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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	355	12	355	1	1	20	335	66	0
Added	0	0	0	0	0	0	0	0	0
Total	355	12	355	1	1	20	335	66	0

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

66 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
E-content Management Server	http://114.143.122.162/dms.php?DirectoryURL=/DMS
NPTEL Online Video Local/Remote Server	http://114.143.122.162:8085/Disk1/ http://114.143.122.162:8085/Disk2/ http://114.143.122.162:8085/Disk3/

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
375	172	0.75	0.58

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)

There are various committees in the college which are dedicated to the maintenance and upkeep of the infrastructure. Maintenance head prepares the routine and preventive maintenance schedule for all physical infrastructures and allocate duties to the respective staff. The maintenance schedules are executed with the support of both internal and external agencies. The consolidated report of the yearly maintenance is recorded by Administrative officer for reference. Physical, Academic, Support facilities are as follows :

1. Library- The requirement and list of books is taken from the concerned departments and HoDs are involved in the process. The finalized list of required books is duly approved and signed by the Principal.
2. Suggestion box- Suggestion box is attached at each floor to take students feedback. Their continuous feedback helps a lot in introducing new ideas regarding college enrichment.
3. Laboratory- Record of maintenance account is maintained by lab technicians and supervised by HODs of the concerned departments.
4. Classrooms-

The college has a building committee for maintenance and upkeep of infrastructure. At the departmental level, HoDs submit their requirements to the Principal regarding classroom furniture and other. The college development fund is utilized for maintenance and minor repair of furniture and other electrical/equipment's. Full time sweepers cleanliness of class rooms are appointed. There are technicians, carpenters deputed by management who ensure the maintenance of classrooms and related infrastructure. 5. Computers Centralized computer laboratory- Computer maintenance is done regularly through AMC and nonrepairable systems are disposed off.

http://bvcoe.bharativedyapeeth.edu/media/pdf/Procedures_and_Policies_240120.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Nil	Nil	Nil
Financial Support from Other Sources			
a) National	Government scholarships for Students of different categories during 2019-20	673	29763216
b) International	Nil	Nil	Nil

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Personal Counselling and Mentoring	10/07/2019	322	BHARATI VIDYAPEETHS COLLEGE OF ENGINEERING, LAVA LE, PUNE
Bridge Courses	19/11/2019	16	CAD/CAM/CAE Training Institute, Pune
Language Lab	26/08/2019	176	BHARATI VIDYAPEETHS COLLEGE OF ENGINEERING, LAVA LE, PUNE
Remedial Coaching	27/07/2019	258	BHARATI VIDYAPEETHS COLLEGE OF ENGINEERING, LAVA LE, PUNE

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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	Number of	Number of	Number of	Number of
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	scheme	benefited students for competitive examination	benefited students by career counseling activities	students who have passed in the comp. exam	students placed
2019	FACE Training and Counselling Program	Nil	60	Nil	17
2019	GATE	63	Nil	1	Nil
2019	Zensar ESD Program	Nil	41	Nil	5
2019	Webinar on Career Guidance & How to face An Interview	Nil	68	Nil	Nil
2019	Webinar on Entrepreneurship and Start-up	Nil	50	Nil	Nil
2019	Webinar on Virtual Summer Internship 2020	Nil	45	Nil	Nil
2019	Seminar : Guidance for competitive examinations	225	Nil	Nil	Nil
2019	Online Webinar : Introduction to CFD & Career opportunities in CFD for UG students	Nil	45	Nil	Nil
2019	Webinar on Are you ready for the IT Job?	Nil	39	Nil	Nil

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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
1	1	7

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus	Off campus
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Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
FACE, Astron Eng.Pvt. Ltd., Densa Bulidcon, Zensar Technology Ltd., Tata Consultancy Services, Infosys Ltd., Vodafone Shared Services, Amazon Development Center, Focus Academy of Career Enhancement, Prolifics Corporation, Qspider, Xoriant Solutions	497	28	Loxel, Genie Auto Products Pvt.Ltd, Bitwise Solutions Pvt. Ltd., Atos Syntel, Capgemini India, IBM, Wipro, Jaro Education, Bosch, Roadways Solutions	172	15
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	BE	Computer Engineering	University of Maryland Baltimore County	M S in Information System
2019	1	BE	Civil Engineering	Anglia Ruskin University UK	Construction and Civil Engineering Management
2019	1	BE	Electronics & Telecommunication Engineering	G H Raisoni College of Engineering, Nagpur	M.Tech in VLSI & Embedded Systems
2019	1	BE	Mechanical Engineering	Manipal University	Master in Technology
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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	1
CAT	1
GRE	2
Any Other	5
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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
Shiv Jayanti 2020	College	65
Ganesh Festival	College	75
Rodies 2020	State	80
Fit India movement	National	119
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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	Second Rank in West Zone Inter University (Volleyball)	National	1	Nil	71923125G	Ishwari Shinde
2020	Third Rank in Ashwanedh Krida Mahotsav (Volleyball)	National	1	Nil	71923125G	Ishwari Shinde
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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)

The instructional establishments need to work towards inculcating democratic values in students. To encourage students participation in co-curricular and extracurricular activities related to academics and administrative responsibilities. A student council has been constituted. In the conferences of the Council, students requirements and perspectives are discussed which helps the Institution to layout aiding activities for students. Apart from this students are additionally inducted as members of various committees like IQAC, anti-raging committee, library committee and college development committee. As participants of college development committee, college students get a

possibility to have their say in no longer just tutorial but additionally administrative activities of the Institution. Apart from these, each department has formed Students' Association - CESA, MESA, BETA and ACES. Through these associations they participate in different events inside and outside the college. Also the professional bodies students chapters help them to participate different events organized by differ companies under professional bodies. Under the training of one college faculty member and the HOD. These Associations have a absolutely reconstitution with office bearers elected from amongst the students by way of students. The Associations are actively involved with the departmental activities like arranging guest lectures, guide the college member in organizing publicity visits, organizing Tech fests, organizing cultural events, celebrations of Engineer's day, Teacher's day and other social activities like blood donation camps, tree plantation, flood relief funds, water conservation, cleaning awareness on different forts etc. This presents them in growing inter-personal skills, administrative competencies and management skills. While working for the Association, they also get to analyze about budgeting, economizing on expenditure, maintaining accounts and audits. We, at BVCOEL additionally have membership of a number expert our bodies like FSAI, BAI, ISHRAE, SAE India, CSI and ISTE. Students are actively worried with organizing of all the activities and technical events of these professional bodies. This gives them an opportunity to interact with the Corporate World and research about expert ethics and practices through their personal interaction and observations. Thus, the Institution affords adequate possibilities to students to contribute toward academic and administrative betterment of the institution

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni association conducts alumni members participation and contribution activities for the progress and development of our college alumni and our on campus students. Alumni contribution fund can play a good monitory role, when funds are being used for social cause and up skilling and reskilling of the students. Alumni contributes in the areas of employment, higher education and entrepreneurship. Dept. wise alumni sessions on various industry skills and requirements are conducted on regular basis. Students participate from BE to FE to understand industry job descriptions, roles, responsibilities, industry functions, technologies and general and niche skill requirements and future trends. Challenges in core Mechanical engineering industries and core Civil engineering are different. Alumni working in manufacturing, production, quality, field sites, billing and estimation, vendor and logistic and supply chain management, research and design etc. areas and domains, highlight these challenges with required skills and bring awareness in our on campus students to make them employment ready. Alumni interactions bring in flavor and style of corporate communication, attire and etiquette which helps our students to grasp, learn and imbibe. Mentor-ship and career counselling by alumni for professional progress and performance enlighten students about their future. Training and Placement Dept. also connects and bonds with alumni for various company specific activities like assessments, training and placements. Overall Bharati Vidyapeeth's College of Engineering, Lavale, Pune has a rich culture and contribution from our Alumni passed out since our first batch 2016 till date. We are committed and striving hard with help of our dear alumni members for the overall quality improvement of our students as well as college.

5.4.2 – No. of enrolled Alumni:

398

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

74000

5.4.4 – Meetings/activities organized by Alumni Association :

Virtual Online Alumni Meet was conducted on Saturday, 16th May 2020, Registrations: 97, Participates: 41. During this pandemic period, conducting an alumni meet in the college, like previous years was not possible hence this was the preferred mode. It was a very lively interaction with Alumni, discussions, question answer session and followed feedback and vote of thanks.

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)

A. Decentralization In decentralization, the Principal take the decision in consultation with the management and assign work to all Heads of the departments, committee heads, committee members and the respective students, and ensures completion of work with maximum accuracy and precision. Delegation of the work has been with hierarchy. Work compilation is done from lower level to higher level. • The organizational structure of the institution is framed by Bharati Vidyapeeth Management. Management consists of the people like Honorable Secretary Dr. Vishwajeet Kadam, Honorable Joint Secretary Dr. K.D. Jadhav. • The vision and mission of the college reflects the national policy for the social reforms with helps in the improvement of Quality of education by various activities a such as NSS, Soft Skills, E-Cell, Internship Cell. • The college enhance a culture of decentralization and participative management through different mode of work in the field of academic and administration • The Principal helps in governing and managing the college through CDC, IQAC, and other college committees like Anti-Ragging, ICC, Grievance Redressal, SC/ST Committee, Hostel Committee etc. • The Principal also asks various Head of Departments to prepare annual budget for their individual departments and then consolidated college level budget is submitted for approval to management. • The college encourages the faculty members to participate in Refresher, Orientation, and Faculty Development Programs for holistic development. • There are various welfare scheme implemented like Study leave and financial support are granted to the faculty for attending seminars, workshops etc. B. Participative Management The RD Cell The key Research initiatives of R and D Cell are: • Faculty members are encouraged for presenting research papers in National and International conferences by reimbursing the charges required for the conference. • Developed a Comprehensive Funding Plan in the form of Reimbursement of the charges Steps of Reimbursement of the charges: 1. Faculty take the permission from the head of the department for attending the conferences/workshop etc in DL form 2. After attending the conferences/workshop etc, they fill the format for Reimbursement and take the signature from the Research Committee, HOD and Principal. 3. In the end they submit it to account department's Mulik Sir and photo copy to Research Committee. • Deputing faculty members for higher studies and collaborative research to National and International Institutes. • Extending Opportunities to final year students doing their projects to participate in various projects funded and sponsored by the various apex bodies and organizations like UGC, CSIR, ICSSR, DRDO, ISRO. Our faculty members are actively involved in various R D activities like writing research proposals for submission to SPPU, DST, AICTE, IBM, DBT, UGC, etc. publishing research papers in peer reviewed research journals, • Presenting research papers in National and International conferences, delivering talks in Workshops and Conferences, Organizing National Conferences, Workshops for faculty. • Organizing paper presentation contest for students at

national level. • Organizing various extra and co-curricular activities for students and faculty members from time to time.

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
Industry Interaction / Collaboration	All faculty members are informed to maintain connect with at least 5 industries. Faculty to ensure that target of no. of companies to be achieved with measurable outcomes. The focus of connect should be training, projects, internship for the students. Data of each faculty member along with MOU will be maintained in department along with relevant documentation. College has formed Industry Institute Interaction Cell IIIC with following objectives: • Expose students to the industrial environment, which cannot be simulated in the classroom and hence creating competent professionals for the industry. • Provide possible opportunities to learn, understand and sharpen the real time technical and managerial skills required at the job. • Exposure to the current technological developments relevant to the subject area of training. • Experience gained from the 'Industrial Internship' will be used in classroom discussions. • Create conditions conducive to quest for knowledge and its applicability on the job.
Human Resource Management	Bharati Vidyapeeth's college of Engineering, Lavale is recruiting, selecting, inducting employees, providing orientation, imparting training and development, appraising the performance of employees, deciding compensation and providing benefits, motivating employees, maintaining proper relations with employees and their stake holders, ensuring employees safety, welfare and healthy measures in compliance with AICTE and DTE. BVCOEL helps to achieve individual, organizational and social objectives. employees of the BVCOEL are duly paid for their services and other benefits on time as per rules and regulation of AICTE.
Library, ICT and Physical	The College library has a rich

Infrastructure / Instrumentation

digital library available for various subjects where E-books and e journals, NPTEL videos and other presentations are available. The faculty members make use of these E Resources while creating their own teaching content. BVCOE Lavale has constituted Library Committee which meets on regular basis and suggests library for purchase of various books and journals. Library plays vital role in the development of the students as well as the faculty members.

- Special Book Bank Scheme
- Criteria : 60 Marks for Previous Semester / 80 Attendance / Economically Backward Class.
- Students can issue two library books on two library borrow card for a week
- Students can avail the facility of reference books / journals / periodicals within the library premises only against I-card.
- Student can avail the facility of foreign languages i.e. German, French, Japanese, Chinese, Spanish.
- Student can avail the books of GRE, TOEFL IELTS exam for future post graduation study at abroad.
- Quantitative exam books are also available at library for those students wants to qualify IAS, IPS CDS.
- Rare books are available to motivate the student for their future.
- College has subscription of E journals. Students and faculty member has free access to all these journals Human Resource Management .

Research and Development

Bharati Vidyapeeth's College of Engineering, Lavale, Pune has planned to improve and then excel in the domain of Research, in order to achieve the set milestones. College need to focus attention on multiple dimensions viz, interdisciplinary research, Intellectual Property Rights, Entrepreneurship Development, human capital, infrastructure, funding, and administration. The registration fees spent by faculty members for various workshops, conferences, seminars and paper publication is reimbursed by institution through R and D Cell. The key attributes of Bharati Vidyapeeth's college of Engineering, Lavale, Pune are: 1) Separate R and D Cell 2) Guidance for Patent registration. 3) Students are encouraged to undergo Industry sponsored projects.

Examination and Evaluation

Examination cell conducts

examinations as per the norms and schedule given by SPPU. The institute has well established system for direct and indirect assessment. The assessment and attainment methods used help faculty and students to measure the learning outcomes and finally to check the attainment of programme outcomes. • SPPU Online examination and In-semester examination for theory • Continuous assessment for lab work, Extra turns to practice for practical sessions. • Unit Test, Mid-Term and End-term Mock Exam, Mock - online examinations, Prelims • Theory assignments for practice • Course and Program outcome assessment. • Project examination • Oral, Practical examination • End Semester theory examination

Curriculum Development

Institution follows the curriculum designed and developed by SPPU as an affiliated institute. The institute adopts the curriculum overview provided by the affiliating university. Internal Quality Assurance Cell (IQAC), Department Advisory Board (DAB) and Program Assessment Committee (PAC) provide inputs for effective curriculum planning and implementation. Faculty members suggest changes in curriculum during syllabus implementation and revision meeting at the starting of each semester. For effective implementation of curriculum various technical skill-development training are offered to the students for widening the horizon of their knowledge. Subject related special programs or training are conducted to bridge the gap between institute and industry. Industrial visits are organized to provide the contents beyond syllabus to the students. Weekly review of each course is taken by heads of departments and necessary instructions are given. Faculty development programmes and trainings are recommended for faculty as per the revised university curriculum.

Teaching and Learning

Students' centric methods such as experimental learning, participative learning and problem solving methodologies are used for enhancing learning experiences. Teachers use teaching aids such as LCD and ICT tools to make lecture interactive. Academic coordinator designs the academic

calendar with reference to SPPU academic calendar and all departments follow it. Faculty members prepares teaching plan for theory and practical classes well before the commencement of the semester. Remedial classes are conducted to give special attention for slow learners. With the structured teaching learning process and committed faculty, consistent academic results. College has developed a portal called Database management system where faculty members uploads E-learning material such as reference books, notes, assignments etc. and students have free access to it. College also has NPTEL videos on the E learning portal on the college website for students and faculty member.

Admission of Students

Bharati Vidyapeeth college of Engineering, Lavale follows rules, regulation and guidelines of D.T.E.,A.R.A.,S.P.P.U. for First Year and Direct Second year engineering admission. Admission process is as per Government rules and norms. Number of students from different part of India inquires about admission process and schedule. Interested students can communicate through Facebook, E-Mail and telephonic inquiry. A new initiative is taken from B.V.C.O.E. Lavale as MOCK CET TEST 2020 in which engineering aspiring student can actual practice a demo examination based on syllabus and contents of actual engineering entrance test as JEE and MHTCET. Banners for advertisement of the institution are displayed at various locations of the city. Every year institute publishes Advertisement for admission in news papers and college website.

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

E-governance area	Details
<p>Planning and Development</p>	<p>In every department for each Class Parents and Teachers along with Principal Sir a WhatsApp group is formed. Due to that effective and quick communication is possible with guardians. This is one of the principle points of interest of texting correspondence for organizations Communication through corporate E mails, WhatsApp groups, and College website about planning of all the</p>

activities to be conducted in the college. Google forms are created for registrations of various activities conducted by the institute. The Institution is also in process to implement ERP to enhance the E governance.

Administration

BVCOEL embracing the use of Information and Communication Technologies in search for more efficient and competitive processes in administrative processes using separate email service on outlook to make communication easier between the organization as well as stakeholders. College has separate Document Management system to Compile the Academic Records easier and further access like notes, Lab manual PPTs etc. The periodic interaction is made with all stakeholders for the preparation of strategic plan. The strategic plan of the institute includes deciding policies and practices such as capacity building and ICT.

Finance and Accounts

The institute provides facility of online payment to students through NEFT / RTGS. The institute has licence version of Tally Software. The Professional Tax and Provident Funds returns are filed through authorized websites.

Student Admission and Support

Institute follows admission rules, regulations and guidelines set up by Maharashtra Government (DTE). The students are admitted from various states through DTE website. The vacancy position of the seats is displayed on college website. Number of students from different part of India inquirers about admission process and schedule. Interested students are communicated through Facebook, E-Mail and telephonic inquiry. A new initiative is taken from B.V.C.O.E.Lavale as MOCK CET TEST 2020 in which engineering aspiring student can actual practice a demo examination based on syllabus and contents of actual engineering entrance test as JEE and MHTCET. The students can submit Grievances and Feedback through college portal. The communication with Students is done through Corporate SMS system and WhatsApp groups. The college website hosts all required information for the students.

Examination	Examination cell conducts Online examinations as per the norms and schedule given by SPPU. The college also has MyExamo software Edhitch Portal to practice for online examination.
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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	Dr. Nidhi Jain	International conference on applied Science ,mathematics and statistics (ICASMS-19)	Nil	4000
2019	J. A. Dhanke	Workshop on Application of Mathematical Modeling Techniques	Nil	3000
2019	T. S. Hasarmani	IEEE International Conference	Nil	25000
2019	U.S.Patil	Two days national workshop on National Building code 2016	Nil	2000
2019	U.S.Patil	Workshop on RERA for Civil Professionals.	Nil	2000
2020	S.R.Kale	CEASDO-2020-Ahmednagar -Waste water pyrolysis	Nil	2000
2019	A.B.Mane	Teaching Engineering Standards and Intellectual Property Rights for Academicians (ESIPR 2020)	Nil	2620

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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	Title of the	From date	To Date	Number of	Number of
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	professional development programme organised for teaching staff	administrative training programme organised for non-teaching staff			participants (Teaching staff)	participants (non-teaching staff)
2019	National Programme on Technology Enhanced Learning (NPTEL) Awareness.	Nil	25/07/2019	25/07/2019	8	Nil
2019	Nil	One-day Training Program for Mechanical Department non-Teaching staff on Microsoft Office Tools	24/12/2019	24/12/2019	Nil	6
2019	CO, PO Attainment Training session	Nil	21/11/2019	21/11/2019	15	Nil
2020	Edhitch Portal Training	Nil	01/11/2020	01/11/2020	22	Nil
2019	One day Training On Co-PO attainment assessment guidelines Programme	Nil	18/11/2019	18/11/2019	5	Nil
2019	Nil	One-day online Training Program for ElectronicsTelecommunications Department non-Teaching staff on Microsoft Office Tools	07/09/2019	07/09/2019	Nil	1

2020	Hands on Edhitch portal	Nil	27/01/2020	27/01/2020	6	Nil
2020	Basics of Networking	Basics of Networking	14/02/2020	15/02/2020	7	4
2020	Advanced Excel Skills	Advanced Excel Skills	13/03/2020	14/03/2020	6	4
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
STTP on Evolution Equations : Theory and Computation	1	12/08/2019	17/08/2019	6
Moodle Learning Management System	1	04/05/2020	09/05/2020	6
FDP on Cyber Security and Data Sciences	1	19/08/2019	24/08/2019	6
Online FDP on "Renewable Energy Sources: A Way Ahead"	1	15/05/2020	21/05/2020	7
Online FDP on "Introduction to Forensic Science and Digital Cyber Forensics"	3	15/05/2020	19/05/2020	5
FDP on Linux operating system	1	04/05/2020	10/05/2020	7
One week FDP on R programming Languages	1	27/04/2020	02/05/2020	7
Faculty Development Programme on Python 3.4.3	6	27/04/2020	02/05/2020	7
Faculty Development	3	20/04/2020	24/04/2020	5

Programme on Open foam				
Online FDP on "Outcome Based Education: A Step Towards Excellence"	13	11/05/2020	15/05/2020	5
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
12	38	40	14

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Transport Facility, Medical Leave, Maternity Leave, Hospital on campus, Employees' Provident Fund (EPF), Gratuity, • loan for various purposes from Bharati Sahakari Bank Ltd, Bharati grahak Bhandar, reimbursement of the expenditure is made by the Institution in the event of major sickness and hospitalization, Health Scheme Sevak Kalyan Nidhi	Transport Facility, Medical Leave, Maternity Leave, Hospital on campus, Employees' Provident Fund (EPF), Gratuity, • loan for various purposes from Bharati Sahakari Bank, Bharati grahak Bhandar, Ltd, reimbursement of the expenditure is made by the Institution in the event of major sickness and hospitalization, Uniform	on Campus hospital, Medical Insurance , Scholarship, Book Bank

6.4 – Financial Management and Resource Mobilization

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

The institute conducts internal and external financial audits regularly. The college has a well-established mechanism for both internal and external audit. Internal Audit is conducted twice a year by the auditors appointed by Bharati Vidyapeeth Bhavan. External Audit is carried out by authorized Chartered accountants.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	NIL
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nil	Yes	BVCOEL, Pune
Administrative	Yes	Bharati Vidyapeeth Bhavan	Yes	M/s . V.A Dudhedia Co., Deccan, Pune

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

There is an active Parent Teacher association in the college which work on the complete development of the students. Well-functioning Parent Teacher Association are form with the consultation of the principal and faculty members. Parents voluntarily works in the Parent Teacher Association. Regular meetings are organized by the association. The WhatsApp groups have been formed by each department for parents and faculty members of each class for effective communication. Along with this, college communicates important messages and notices to parents through Corporate Messaging System. Parents are involved in various committees like IQAC, DAB etc.

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

Various development Program is promoted for the support staff: Bharati Vidyapeeth promotes multi growth programs for supporting staff for their personal growth. College organizes different programs for their dynamic development of support staff at college level: • Internal training is organized in each department for the skill development of the support staff on periodic basis. • Computer based Training and Personality Development. • Basics of Computer and Networking • Introduction to OHAAS 18001

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

Bharati Vidyapeeth's College of Engineering Lavale, Pune is committed to achieve academic excellence by promoting values, creating civic responsibility and building global competencies in a dynamic environment. The first assessment and accreditation by NAAC ushered the way for novel ideas of quality nourishment and to take up quality enhancement initiatives. After the first assessment and accreditation of the institute by NAAC, one of the major initiations was strengthening the institute in all academic aspects 1. Research and development initiatives: • After NAAC accreditation there are total 11 patents filed in A.Y.2018-19 by the faculty members and students of BVCOE, Lavale. In A.Y. 2020-21 total 43 patents filed • Many faculty members are enrolled for higher studies • Faculty members are motivated to attend National/International Seminars/Workshops/Conferences etc. • National conference has been organized in the college for quality improvement for student as well as faculty members. • Exclusive Research cell has been Established for the Faculty members as well as Students. • J Gate e journal has been procured by the College 2. E cell Formation: Entrepreneur cell of Bharati Vidyapeeth's college of Engineering, Lavale, Pune has been form which was primarily a student governed body. The core team comprised of 3rd year undergraduate students from various disciplines, and were assisted by the second and first year undergraduate students. A New E Cell was established within the framework and guidelines as stipulated by SPPU Pune. A New Start-ups and innovation cell was established dated 01/January/2019 at BVCOEL and composition of the cell is as per the guidelines of innovation and incubation center of SPPU. 'BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, LAVALE', was established first startup "HSPM" officially at BVCOEL Pune. HSPM Solutions started commencing its operations from 13th October 2018 as a venture without being officially established. Students have advantage to start many of the sartups with proper guidance from experienced personalities. 3. Industry

Institute Interaction cell form: The Institute encourages its faculty members and students to interact with industry in all possible ways with the spirit of deriving mutual benefit. Objective: • Expose students to the industrial environment, which cannot be simulated in the classroom and hence creating competent professionals for the industry. • Provide possible opportunities to learn understand and sharpen the real time technical and managerial skills required at the job. • Exposure to the current technological developments relevant to the subject area of training. • Experience gained from the 'Industrial Internship' will be used in classroom discussions.

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
2020	Awareness Program on NBA Accreditation and OBE	08/02/2020	06/05/2020	08/05/2020	40

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Savitribai Phule Jayanti	01/03/2020	01/03/2020	120	50

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	1
Provision for lift	Yes	1
Ramp/Rails	Yes	1
Braille Software/facilities	No	Nil
Rest Rooms	Yes	1
Scribes for examination	Yes	1

Special skill development for differently abled students	No	Nil
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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	1	16/07/2019	1	Blood donation camp	Collection of the blood for hospitals	101
2019	1	1	30/07/2019	1	Swachha Bharat Mission	Awareness about cleanliness	10
2019	1	1	17/11/2019	1	Aniti-Tobacco Mass Pledge Activity	Awareness about Health	120
2020	1	1	17/01/2020	1	Road Safety Awareness Programme	Awareness about accident	52
2020	1	1	17/02/2020	1	Program On Acid attack	wareness aboutto stop chemical attacks.	10
2020	1	1	04/05/2020	1	NSS Covid -19 Disaster Mnagement	Awareness about Health	89

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

Title	Date of publication	Follow up(max 100 words)
Code of Conduct for Principal	07/01/2019	The principal should be : 1. Ensure that the staff and students aware of rules, policies and procedures laids down by the college. 2. continuously monitoring the organizational

behavior and objectives of every faculty and students 3. Be fair in his disciplinary actions for all the members of faculty, nonteaching staff and student. 4. Recommend and forward communication to the authorities. 5. Monitor, manage and educate the administration of the institution and take remedial actions based on the stakeholder's feedback. 6. Execute any other qualitative and quantitative work for the welfare of the students and institution. 7. Empower all his staff and students to reach their maximum potential. 8. Principal Should Provide inspirational and motivational value-based academic and executive leadership to the college through policy formation, operational management, optimization of human resources and concern for environment and sustainability 9. Conduct himself/herself with transparency, fairness, honesty, highest degree of ethics and decision making that is in the best interest of the college 10. Promote the collaborative, shared and consultative work culture in the college, paving way for innovative thinking and ideas Endeavor to promote a work culture and ethics that brings about quality, professionalism, satisfaction and service to the nation and society. 11. Follow Academic calendar of University/UGC, NCTE, SCERT, DPI AND PB. GOVT. RULES.

<p>student</p>		<p>colleges will not interfere with the orderly administration and discipline in the college, or cause any disturbances to fellow students. Ragging in any form is strictly prohibited in and around the campus and is punishable under law as per the Supreme Court decision. 2. Attendance of the student will be monitored on regular basis. 3. Students must carry the Identity Card with them on all days and should produce the same as and when asked for it. 4. College is meticulously checks for discipline of students. 5. It is mandatory for every student to maintain proper discipline in the college campus. Any kind of act by the student that amounts to indiscipline will make him/her liable to imposition of heavy fine or even expulsion from the college. 6. A student shall be allowed to appear in the examination only if he/she has obtained at least 75 percentage attendance in all the subjects. 7. Every student shall come to the college in proper uniform.</p>
<p>Code of Conduct for Teachers</p>	<p>07/01/2019</p>	<p>1. Faculty members, Respect the rights and dignity of the student in expressing his/her opinion. 2. Deal justly and impartially with students regardless of their religion, caste, gender, political, economic, social and physical characteristics. 3. Recognize and Encourage students to improve their attainments, develop their</p>

personalities 5 Inculcate among students scientific temper, spirit of inquiry and ideals of democracy, patriotism, social justice, environmental protection and peace 6 Treat the students with dignity and not behave in a vindictive manner towards any of them and The teacher must observe, comply with and obey all orders and instructions which may, from time to time, be given to him by the University or College.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Yoga Day	21/06/2019	21/06/2019	79
Swachh Vari- Swasth Vari- Nirmal Vari- Harit Vari- NSS vari	25/06/2019	26/06/2019	79
Tree Plantation	14/08/2019	14/08/2019	145
Blood Donation camp	01/10/2020	01/10/2020	103
Rastriya Ekata Divas	31/10/2019	31/10/2019	70

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

- Solid Waste management
- Liquid Waste management
- E Waste management
- Public Transport
- Plastic free campus
- Green landscaping with trees and plants

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice I Title of the practice: One Faculty One Industry Connect
 Objectives of the practice: 1.To have association with wide spectrum of industry 2.To establish long term association with industries in an organized manner 3.To enrich the Teaching-Learning process with the support from the Industries 4.To initiate need based collaborative programs The Context: Industries being the major stake holder for technical institution, Industry -Institute interaction is an indispensable requirement to enrich the Teaching-Learning Process. Institute has initiated One Faculty One Industry Drive so that each faculty could get opportunity to interact with their domain of interest which would consequently broaden the spectrum for industrial exposure to students. One to one contact for the industry from institute would be highly beneficial to strengthen the interaction with industry. The Practice: Each faculty of the institute identifies an industry as per the field of interest and initiates various activities that provide industrial exposure to the

students and faculty as well. Evidences of success: 1.The MoU signed have been significantly improved. 2.Significant improvement in interaction with industry through industrial visits and expert talk by industry experts. 3.Improvement in Industry sponsored Live Project. Best Practice II Title: E-cell Entrepreneur to innovation cell Objectives of the practice: 1.To develop an ecosystem that foster entrepreneurial spirit in students. 2. To create opportunities for interaction with aspiring entrepreneurs. 3. To provide a podium for inculcating entrepreneur skills in students. 4. To create independent business entities out of interested students so that they not only become self-employed but also become capable of providing gainful, fulfilling employment to others and thereby benefiting society at large. 5. Entrepreneurship Cell aims to ignite creative thinking and nurture entrepreneurial instincts in students 6.Entrepreneurship Cell encourage more and more students from the colleges to become self-employed and start their own firm by transforming their ideas into an enterprise. The Context: A New E-Cell was established within the framework and guidelines as stipulated by SPPU Pune. A New Startup and innovation cell was established dated 01/January/2019 at BVCOEL and composition of the cell are as per the guidelines of innovation and incubation center of SPPU. The Entrepreneurship Cell aims to ignite creative thinking and nurture entrepreneurial instincts in students. The Cell hopes to achieve this by conducting stimulating workshops, competitions and interactive sessions with eminent personalities who are role models when it comes to business development. Evidence of Success: Cell facilitate and hone ideas and innovations that are useful to society and address some of the problems faced through the development of product, process, and services. In short span of time Entrepreneurship cell is able give two entrepreneur they are: 1. HSPM Solution. 2. Stylopedia PVT Ltd. Problems Encountered: 1. Corporate Relations: Corporate relationship is a major problem encounter by E cell. 2. Events Organization: for organizing an event, getting an appointment with the Industrialist and startup is a big problem 3. Mentoring and Resources: Developing ecosystem for mentoring and resources budding entrepreneur is a big problem 4. Student Relations: E-cell must develop a relationship with the students so they can have motivated them and ignite entrepreneur sprite. 5. Getting Fund: Getting enough pre-seed funding to support prototype development and the earliest stages of venture development, and Bridging the gap between fledgling venture and angel or VC investors. Resources Required: 1. Requires better linkages between the stakeholders, Industries, and RD institutions and other related organizations engaged in promoting Small Medium Enterprises. 2. Requires development of small-scale enterprises to promote employment opportunities

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

http://bvcoe.bharativedyapeeth.edu/media/pdf/Best_Practices_240120.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

Industries being the major stake holder for technical institution, Industry – Institute interaction is an indispensable requirement to enrich the Teaching Learning Process. Institute has initiated One Faculty One Industry Connect so that each faculty could get opportunity to interact with their domain of interest which would consequently broaden the spectrum for industrial exposure to students. One to one contact for the industry from institute would be highly beneficial to strengthen the interaction with industry. Each faculty of the institute identifies an industry as per the field of interest and initiates various activities that provide industrial exposure to the students and faculty

as well. The MoU signed with industries have been considerably improved. The Interaction with industries through industrial visits and expert talk by industry experts has been significantly improved. Long term association with industries in an organized manner have been established. Teaching Learning process have enriched with the support from the Industries. Need based collaborative courses have been initiated through this activity.

Provide the weblink of the institution

<http://bvcoe.bharativedyapeeth.edu/index.php/institutional-distinctiveness>

8.Future Plans of Actions for Next Academic Year

1. To Organize National/International Conferences, Paper Presentations competition. 2. To organize a number of short term courses, workshops, seminars from experts 3. To arrange various Guest lecturers on modern day Topics and Emerging Trends, so as to prepare our Students as Entrepreneurs and Professionals for the Global Market. 4. To enhance On-campus Placement 5. To make the Department a Hub for Entrepreneurship and Placement 6. To increase placement ratio with the help of Alumni 7. To make more Eco-Friendly campus 8. To arrange more moral values and social awareness programs 9. To procure the financial assistance from various government and non-government agencies 10. To fully utilize online infrastructure for Teaching-Learning process