



Yearly Status Report - 2018-2019

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		private			
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	2.50	2018	02-Nov-2018	02-Nov-2023
6. Date of Establishment of IQAC			26-Oct-2017		
7. Internal Quality Assurance System					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by IQAC	Date & Duration		Number of participants/ beneficiaries		

Conference to improve contribution of faculty members and students in research work	26-Mar-2019 02	458
Project Competition	28-Mar-2019 01	150
Enhancement of industrial collaborations	01-Nov-2018 365	220
E-Cell to encourage startups	01-Jan-2019 365	4
Industry Institute Interaction Cell to provide Internship Opportunities	01-Oct-2018 365	145
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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
NIL	00	NIL	2019 00	0
View File				

9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1) Organized National Conference to improve the quality of research 2) Project Competition to facilitate a platform for students to showcase their skills 3) Formation of E Cell in the institution to encourage students for Startups 4) Awareness about Patent through R and D Cell 5) Lecture Series for social

awareness and gender equity promotion

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

Plan of Action	Achievements/Outcomes
To arrange National Level Workshop and Project Competition	National Level Workshop and Project Competition organized
Focus on Research and Development activities	Patents have been filed by faculties
Startups and Incubation Centers	Startups run by students and SPPU Incubation Center is started
Submission of Monthly Report by departments	Departments have submitted Monthly Reports to IQAC Cell which keeps track of activities happened in departments.
Formation of Academic Committee for quality enhancement of teaching learning	Academic academic has been formed and and teaching learning process is been monitoring along with the outcomes
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
College Development Committee	24-Jan-2020

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

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

30-Jan-2020

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

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, being an affiliated institute, implements the curriculum and academic calendar prescribed by Savitribai Phule Pune University (SPPU). Based on this each department prepares its academic calendar. Workload distribution is prepared in accordance with syllabus structure. The department allocates subjects to teachers and prepare time table. The college academic calendar along with time table is also made available for students on college website. Teachers are informed about their workload based on subject choices. The lectures plan are recorded in academic diary of teachers. The teachers prepare the teaching materials and delivery content before the commencement of teaching which includes reference of standard books prescribed by University along with latest information available through online and other resources for effective implementation of curriculum, PPT Presentations, Industrial Visits, expert lectures, Videos, Use of charts and graphs etc. Program Assessment committee and Head of the department monitor the same. 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.Result analysis is carried out with this evaluation. The performance of the students is monitored using the same that helps to attain Course outcomes for respective subject. Based on semester wise result analysis of every course corrective measures are suggested and remedial classes are conducted as and when required. 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.

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
Advanced Applications of Total Station	NIL	28/02/2019	7	Employability	Surveying
Machine Learning with Python	NIL	11/02/2019	5	Employability	Programming
Machine Learning with Python	NIL	21/01/2019	5	Employability	Programming

Institutional Solidworks Training	NIL	18/08/2018	8	Employability	Mechanical CAD
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	CIVIL ENGINEERING	15/06/2018
BE	COMPUTER ENGINEERING	15/06/2018
BE	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	15/06/2018
BE	MECHANICAL ENGINEERING	15/06/2018
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	CIVIL ENGINEERING	15/06/2018
BE	COMPUTER ENGINEERING	15/06/2018
BE	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	15/06/2018
BE	MECHANICAL ENGINEERING	15/06/2018

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

	Certificate	Diploma Course
Number of Students	265	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
FACE Training (MECH)	16/07/2018	32
Basic Computer Skill (MECH)	22/09/2018	25
Vehicle Servicing (MECH)	23/01/2019	20
Yoga	27/08/2018	90
Higher Studies Guidance	27/08/2018	90
Mahatma Gandhi Movie	27/08/2018	90
Tree Plantation	28/08/2018	90
Motivational Speech	28/08/2018	90
Sports Activity	28/08/2018	90
FACE Training (CIVIL)	16/07/2018	7
FACE Training (COMP)	16/07/2018	10
Language Lab using	14/08/2018	65

DLM (COMP)		
Zensar ESD Training (COMP)	01/06/2018	26
FACE Training (ETC)	16/07/2018	7
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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	11
BE	COMPUTER ENGINEERING	17
BE	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	14
BE	MECHANICAL ENGINEERING	38
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>STUDENTS: The feedback from the students is obtained at the end of the 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 their 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 parents 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.</p>

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	CIVIL ENGINEERING	113	109	70
BE	COMPUTER ENGINEERING	89	86	74
BE	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	110	63	27
BE	MECHANICAL ENGINEERING	165	135	89

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	831	0	47	0	0

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
47	41	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 of 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

Number of fulltime teachers

Mentor : Mentee Ratio

institution		
831	47	1:18

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	47	7	0	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
2018	Mr.Hasarmani.T.S	Assistant Professor	Best Paper Award of International Conference on Data Science and Analytics (IEEE Punecon2018) IEEE and Symbiosis International (Deemed University) (International)
2018	Mr.Hasarmani.T.S	Assistant Professor	Nominated as Member of Rural Programm Advisory Committee, All India Radio Pune, Prasar Bharati, Government of India (National)
2019	Mr.Hasarmani.T.S	Assistant Professor	Recognition of Research Work by Print MediaLokmat (Daily New Paper) (National)
2019	Mr. Vishwanath Khapper	Assistant Professor	Fellowship from Joint School of Nano Science and Nano Engineering
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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,	1	08/12/2018	12/02/2019

	679661210			
BE	679619110, 679624510, 679637210, 679661210	2	27/05/2019	21/07/2019
BE	679619110, 679624510, 679637210, 679661210	3	13/12/2018	13/02/2019
BE	679619110, 679624510, 679637210, 679661210	4	29/05/2019	03/08/2019
BE	679619110, 679624510, 679637210, 679661210	5	12/12/2018	25/01/2019
BE	679619110, 679624510, 679637210, 679661210	6	28/05/2019	09/08/2019
BE	679619110, 679624510, 679637210, 679661210	7	11/12/2018	07/02/2019
BE	679619110, 679624510, 679637210, 679661210	8	25/05/2019	18/07/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

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 conducts Unit test/Surprise test 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	73	63	86.3
679624510	BE	COMPUTER ENGINEERING	19	17	89.47
679637210	BE	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	9	8	89
679661210	BE	MECHANICAL ENGINEERING	108	87	81

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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)

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	140	Soham Consultant	0.18	0.18
Industry sponsored Projects	140	Mass Technologies, Pune	0.33	0.33
Industry sponsored Projects	140	Opulent Academy	0.16	0.16
Industry sponsored Projects	140	WAB IT SOFTWARE PVT LTD.	0.3	0.3

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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
Workshop on Basics of Linux Networking	Computer Engineering	21/01/2019
Seminar on Employability Skill Enhancement	Computer Engineering	19/01/2019
Workshop on Network Programming Analyzing Tool	Computer Engineering	28/02/2019
Seminar on Opportunities for students in HVACR Industries	Mechanical Engineering	27/09/2018
Seminar on Project Management	Mechanical Engineering	20/07/2018
Seminar on Design of Air cooled heat exchanger its application	Mechanical Engineering	30/08/2018
Seminar on Energy Conservation	Mechanical Engineering	15/02/2019
Seminar on Mechatronics and Industrial Automation	Mechanical Engineering	21/02/2019
Seminar on importance of innovation and patents	Engineering Science	22/02/2019
Seminar on higher education opportunities	Engineering Science	06/10/2018

in India and abroad ,IPR initiatives		
Facebook Live Session on Patents	Engineering Science	11/09/2018
Seminar on How to convert Final Year Projects into Patents	Engineering Science	08/01/2019
Seminar on Make meaningful internship journey	Engineering Science	17/01/2019
Seminar on Intellectual property rights and special emphasis on patents	Engineering Science	21/02/2019
Workshop on Machine learning with python	Electronics and Telecommunication Engineering	13/06/2019
Seminar on Three Phase Inverter and Converter	Electronics and Telecommunication Engineering	15/02/2019
Workshop on Machine Learning with Python	Computer Engineering	11/02/2019

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
INVENTION2019 NATIONAL LEVEL PROJECT COPETITION EXHIBITION	Amey Kate	BVCOE LAVALE, PUNE	28/03/2019	Student
National Conference on Recent Advances in Engineering Sciences 2k19	Saurabh Parmar	BVCOE LAVALE, PUNE	27/03/2019	Student
National Level Innovative Business Plan Competition	HSPM SOLUTIONS	SaiBalaji Group of Institutes IIMS PUNE CAMPUS	25/02/2019	Student
CONSTRO in TECKFEST 2k19	Raj Lakhwani	SYMBOISIS INTERNATIONAL, PUNE	27/02/2019	Student
TECHFEST 2019, CAPOMAESTRO 2019	SUJAY PAWAR	SYMBOISIS INTERNATIONAL, PUNE	27/02/2019	Student
TECHFEST 2019, CAPOMAESTRO 2019	Divya Gaikwad	SYMBOISIS INTERNATIONAL, PUNE	27/02/2019	Student
TECHFEST 2019, CAPOMAESTRO 2019	Pramod Yenare	SYMBOISIS INTERNATIONAL, PUNE	27/02/2019	Student

IEEE Pune Con 2018	Totappa Hasarmani	Symbiosis international (deemed University)	30/11/2018	Teacher
NATIONAL Level HARDWARE COMPETITION	DEVESH TALWAR	HSPM SOLUTIONS LLP. BVCOEL, PUNE	16/02/2019	Student
ENTERPRENEURSHIP AWARENESS CAMP	NEHAL GAJBHIYE	Symbiosis Institute of Telecom Management	11/01/2019	Student
Workshop on Python	DEVESH TALWAR	BVCOEL in association with eMaestro Academy, Pune	21/01/2019	Student
INVENTION2019 NATIONAL LEVEL PROJECT COPETITION EXHIBITION	Shubham Zade	BVCOE LAVALE, PUNE	28/03/2019	Student
INVENTION2019 NATIONAL LEVEL PROJECT COPETITION EXHIBITION	Yesh Gadamwar	BVCOE LAVALE, PUNE	28/03/2019	Student

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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	HSPM SOLUTIONS LLP	Service Based Platform	01/01/2019
B.V.C.O.E.L., MHRD	Entrepreneur and Innovation cell (Ecell)	B.V.C.O.E.L.	NIL	NIL	01/01/2019

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

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

Name of the Department	Number of PhD's Awarded
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)
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International	Computer Engineering	4	5
International	Electronics and telecommunication Engineering ⁴	4	5
International	Mechanical Engineering	17	5.4
International	Civil Engineering	4	3.2
International	Engineering Science	6	5.26
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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
Mechanical Engineering	2
Computer Engineering	1
Engineering Science	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
PhysicoChemical Assessment Of Water Quality In One Part Of Hinjewadi, Pune Maharashtra (India)	Dr.Nidhi Jain	International Journal of Scientific Research Engineering Technology (IJSRET)	2018	1	BVCOE Lavale Pune	1
Arsenic Removal by Using Low Cost Nonconventional (NLP, PLP, ALP) Adsorbents	Dr.Nidhi Jain	Journal of Modern Chemistry Chemical Technology	2019	1	BVCOE Lavale Pune	1
Alternatives material: Biocomposites and Bioplastics	Dr.Nidhi Jain	Asian Journal for Convergence in Technology	2018	1	BVCOE Lavale Pune	1
Removal of Fluoride	Dr.Nidhi Jain	International	2018	1	BVCOE Lavale	1

by NonConventional (NLP, PLP, ALP) absorbent		Journal of Multidisciplinary Research			Pune	
Thermal Noise Behaviour in single injection solid state diode with distributed shallow traps	Dr.shikha Bhardwaj	International Journal of Research and analytical review (IJRAR)	2019	0	BVCOE Lavale Pune	1
Review of estimation of scouring around bridge pier.	Mr.U.S.Patil	Global Journal Of Engg.Science Reserch.	2019	0	BVCOE Lavale Pune	0
Review Study on Current solid waste Management.	Mr.S.C.Patil	International Journal of Engg., Science and computing.	2019	0	BVCOE Lavale Pune	0
Review study on Mula Mutha River Rejuvenation Project.	Mr.U.S.Patil	Journal of Emerging Technology and innovative Reserch.	2019	0	BVCOE Lavale Pune	0
Partial replacement of metal steel slag waste glass with coarse aggregate fine aggregate.	Mr.S.T.Rathod	Journal of Emerging Technology and innovative Reserch.	2019	0	BVCOE Lavale Pune	0
The Use Of Machine Learning Algorithms In Recommender Systems:A Systematic Review	Parinita J.Chate	IJRAR	2019	0	BVCOE Lavale Pune	0

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
low cost Non Conventional Absorbents Neem Leaves powder (NPL), Peepal Leaves powder (PPL), Amla leaves powder (APL) used for Pb Removal	Dr.Nidhi Jain	International Journal of Scientific Research Engineering Technology (IJSRET)	2018	2	1	BVCOE Lavale Pune
Arsenic Removal by Using Low Cost Nonconventional (NLP, PLP, ALP) Adsorbents	Dr.Nidhi Jain	Journal of Modern Chemistry Chemical Technology	2019	2	1	BVCOE Lavale Pune
Alternatives material: Biocomposites and Bioplastics	Dr.Nidhi Jain	Asian Journal for Convergence in Technology	2018	2	1	BVCOE Lavale Pune
Removal of Fluoride by NonConventional (NLP, PLP, ALP) absorbent	Dr.Nidhi Jain	International Journal of Multidisciplinary Research	2018	2	1	BVCOE Lavale Pune
Thermal Noise Behaviour in single injection solid state diode with distributed shallow traps	Dr.shikha Bhardwaj	International Journal of Research and analytical review (IJRAR)	2019	1	1	BVCOE Lavale Pune
RELATIVE RELIABILITY RISK INDEX	Dr.R.N.Patil	INTERNATIONAL JOURNAL OF	2018	2	2	BVCOE Lavale Pune

FOR GREEN SUPPLY CHAIN MANAGEMENT		MECHANICAL ENGINEERING AND TECHNOLOGY (IJMET)				
MODELING AND SIMULATION OF THERMOC LINE STORAGE FOR SOLAR THERMAL POWER PLANT	Dr.R.N.Patil	INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND TECHNOLOGY (IJMET)	2018	2	2	BVCOE Lavale Pune
PRIORITIZATION OF GREEN SUPPLY CHAIN INDICATORS WITH ANALYTIC HIERARCHY PROCESS (AHP) MODEL	Dr.R.N.Patil	INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND TECHNOLOGY (IJMET)	2018	2	2	BVCOE Lavale Pune
PLASTIC RECYCLING PLANT	Prof. S.R.Patil	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	2019	0	0	BVCOE Lavale Pune
Future Of Communication-5g Technology	U.C.Patkar	Global Journal Of Engineering Science And Researches	2019	0	0	BVCOE Lavale Pune

[View File](#)

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	36	0	0
Presented papers	5	51	0	0
Resource persons	0	0	0	0

[View File](#)

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
Tree plantation	B.V.C.O.E.Lavale	5	30
Rashtriya Ekta Divas	B.V.C.O.E.Lavale	2	25
International Yoga Day	B.V.C.O.E.Lavale	2	70
Helping Hand To Hunger Heros	B.V.C.O.E.Lavale	2	30
Tree Plantation	B.V.C.O.E.Lavale	4	185
Mahatma Gandhi Jayanti	B.V.C.O.E.Lavale	2	150
Swach vari swastha vari,tree plantation	B.V.C.O.E.Lavale	2	150
View File			

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
Swach vari swastha vari,tree plantation	Appreciation Award, Guinness World Records	SPPU, Pune	150
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/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swachta Bharat abhiyan	NSS	Swachta Bharat abhiyan	2	30
Tree Plantation	SPPU	Tree Plantation	25	185
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
Expert Lecture on FM Transmitter Receiver	Prof. Leena Chaudhari	SITS, Narhe, Pune	1
Research in Nano- Engineering	Prof.V.S.Jadhav	Nano engineering Dept. NC A T, USA\$ 39172 per year	365
Research in Computer Engineering	Mr. Yogesh Kale	Nano engineering Dept. NC A T, USA\$ 39172 per year	365

Masters	Miss Minakshi Molawade	Nano engineering Dept. NC A T, USA\$ 39172 per year	365
Expert Lecture on Opportunities for studies in HVACR Industries	Mr. Vijay Kapote	BVCOE, Lavale	1
Expert Lecture on Project Management	Mr. Mangesh Deshmukh	BVCOE, Lavale	1
Expert Lecture on Design of Air cooled heat exchanger its application	Mr. Ameya Gole	BVCOE, Lavale	1
Expert Lecture on Isometric Views	Mr. Aniket Patil	BVCOE, Lavale	1
Expert Lecture on Competitive Examination Higher Education	Mr. P.N. Santosh	BVCOE, Lavale	1
Expert Lecture on Energy Conservation	Mr.Sudhir Shaha	BVCOE, Lavale	1
Expert Lecture on Mechatronics and Industrial Automation	Mr. Nilesh Narvekar	BVCOE, Lavale	1
View File			

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, Placement	ZENSAR	01/01/2019	04/04/2019	26
Project Work	Academic Project Work	MASS TECHNOLOGY	25/08/2018	30/04/2019	3
Project Work	Academic Project Work	MASS TECHNOLOGY	11/09/2018	30/04/2019	3
Internship	Internship	ProError	30/06/2019	30/07/2019	1
Internship	Internship	Mass Technologies	01/06/2019	21/06/2019	7
Internship	Internship	E Mastro	30/06/2019	30/07/2019	4
Project Work	Academic Project Work	TechnoPlus Inc.	01/07/2018	30/04/2019	3
Project Work	Academic Project Work	OPPULENT	01/06/2019	01/06/2019	3

Project Work	Academic Project Work	WAB IT	01/01/2019	30/03/2019	3
Visit	INDUSTRIAL VISIT	IMedita Baner	18/03/2019	18/03/2019	32
Internship	Internship	ANR Software Pvt.Ltd.	17/12/2018	21/01/2019	1
Internship	Internship	IT Networkz Pvt. Ltd.	17/12/2018	07/01/2019	1
Internship	Internship	NTPC Korba Ltd.	16/12/2018	14/01/2019	1
Internship	Internship	Paramhansh Infotech Ltd.	15/06/2018	19/01/2019	1
Internship	Internship	Internshala	01/09/2018	30/11/2018	1
Internship	Internship	Zenais Consultancy Services Pvt.Ltd.	01/06/2019	15/06/2019	1
Internship	Internship	TATA Motors	24/06/2019	24/07/2019	1
Internship	Internship	JSM Infotech	15/06/2019	09/07/2019	1
Internship	Internship	JSM Infotech	14/06/2019	14/07/2019	4
Internship	INTERNSHIP STUDENTS 201819	Creative manu.soln. pvt ltd, Banda	20/12/2018	29/12/2019	1
Internship	INTERNSHIP STUDENTS 201819 INTERNSHIP STUDENTS 201819	Creative manu.soln. pvt ltd, Banda	20/12/2018	29/12/2019	1
Internship	INTERNSHIP STUDENTS 201819	Tubefit Engineers, Vasai	20/12/2018	04/01/2019	1
Internship	INTERNSHIP STUDENTS 201819	A.B.Motors pvt.ltd, Malegaon	17/12/2018	02/01/2019	1
Internship	INTERNSHIP STUDENTS 201819	NTPCL, Korba.	01/06/2019	29/06/2019	1
Internship	INTERNSHIP STUDENTS 201819	Kamco Diesels, Belgaum..	01/06/2019	29/06/2019	1
Internship	INTERNSHIP STUDENTS 201819	Kakade Laser, Narhe, Pune.	09/06/2019	16/06/2019	1
Internship	INTERNSHIP STUDENTS 201819	Kakade Laser, Narhe, Pune.	09/06/2019	16/06/2019	1
Internship	INTERNSHIP	Kakade	09/06/2019	16/06/2019	1

	STUDENTS 201819	Laser, Narhe, Pune.			
Internship	INTERNSHIP STUDENTS 201819	Kakade Laser, Narhe, Pune.	09/06/2019	16/06/2019	1
Internship	INTERNSHIP STUDENTS 201819	Talegaonkar Profile. Alandi. Pune.	06/06/2019	12/06/2019	1
Internship	INTERNSHIP STUDENTS 201 819INTERNSHI P STUDENTS 201819	Guidways Convers Pvt.Ltd, Pune.	08/06/2019	30/06/2019	1
Internship	INTERNSHIP STUDENTS 201819	Guidways Convers Pvt.Ltd, Pun e.Guidways Convers Pvt.Ltd, Pune.	08/06/2019	30/06/2019	1
Internship	INTERNSHIP STUDENTS 201819	Guidways Convers Pvt.Ltd, Pune.	08/06/2019	30/06/2019	1
Internship	INTERNSHIP STUDENTS 201819	Guidways Convers Pvt.Ltd, PuneMotors, Parbhani.	08/06/2019	30/06/2019	1
Internship	INTERNSHIP STUDENTS 201819	Venkatesh Motors, Parbhani.	03/06/2019	04/07/2019	1
Internship	INTERNSHIP STUDENTS 201819	Ksaturi Foundry Pvt. Ltd. Sangli.	05/06/2019	25/06/2019	1
Internship	INTERNSHIP STUDENTS 201819	Jsons foundry pvt ltd. Kupwad. Sangli	05/06/2019	20/06/2019	1
Internship	INTERNSHIP STUDENTS 201819	AMCO Engineers, Aurangabad	11/06/2019	25/06/2019	1
Internship	INTERNSHIP STUDENTS 201819	Sai Krupa Auto Coms. Nashik	12/06/2019	28/06/2019	1
Internship	INTERNSHIP STUDENTS 201819	Sai Krupa Auto Coms. Nashik	12/06/2019	28/06/2019	1
Internship	INTERNSHIP STUDENTS 201819	Sohan Consultancy	17/06/2019	17/07/2019	1

Internship	INTERNSHIP STUDENTS 201819	Sohan Consultancy	17/06/2019	17/07/2019	1
Internship	INTERNSHIP STUDENTS 201819	Sohan Consultancy	17/06/2019	17/07/2019	1
Internship	On the job training	Lonkhade Constructions	15/09/2018	15/07/2019	1
Internship	On the job training	Manidhari Industry	01/06/2019	30/07/2019	1
Internship	On the job training	Vikram Manohar Assco.	17/12/2018	25/06/2019	1
Internship	On the job training	ABIL	30/06/2019	03/07/2019	1
Internship	On the job training	ASCEN Engg.	24/06/2019	30/06/2019	1
Internship	On the job training	Soham Consultants	17/06/2019	17/07/2019	1
Internship	On the job training	ABM Construction	08/06/2019	25/07/2019	1
Internship	On the job training	Nine Developers	05/07/2019	29/07/2019	1
Internship	On the job training	Govt.Of Bihar	30/06/2019	30/07/2019	1
Internship	On the job training	Patil Constructions	11/06/2019	30/07/2019	1
Internship	On the job training	Mote Infracon	01/06/2019	05/07/2019	1
Internship	Internship, Placement	STORM ENERGIE	02/04/2019	02/04/2019	1
Internship	Internship, Industrial Visit	ROPES TECH	20/04/2019	05/05/2019	1
Internship	INTERNSHIP STUDENTS 201819	Technoscripts Pvt. Ltd.	27/05/2018	03/07/2019	1
Internship	INTERNSHIP STUDENTS 201819	BSNL(RTTCPune)	18/06/2018	13/07/2019	1
Internship	INTERNSHIP STUDENTS 201819	BSNL(RTTCPune)	17/12/2018	07/01/2019	1
Internship	INTERNSHIP STUDENTS 201819	NAHATA DATACOM GLOBAL CORP.	15/12/2018	14/01/2019	1
Internship	INTERNSHIP STUDENTS 201819	KAVIN(ITNetworkZ infosystem)	17/12/2018	28/12/2018	1

		Pvt. Ltd.)			
Internship	INTERNSHIP STUDENTS 201819	BSNL(RTTCNag pur)	17/12/2018	28/12/2018	1
Internship	INTERNSHIP STUDENTS 201819	BSNL(RTTCNag pur)	01/06/2019	01/07/2019	1
Internship	INTERNSHIP STUDENTS 201819	BSNL(RTTCNag pur)	01/06/2019	01/07/2019	1
Internship	INTERNSHIP STUDENTS 201819	BSNL(RTTCNag pur)	10/06/2019	05/07/2019	1
Internship	INTERNSHIP STUDENTS 201819	BSNL(RTTCNag pur)	10/06/2019	05/07/2019	1
Internship	INTERNSHIP STUDENTS 201819	BANG ON COMMUNICATION	15/12/2018	14/01/2019	1
View File					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Aditya Moulds Design Manu.	14/03/2019	Internship, Visit	2
eship simplified	17/06/2019	Industrial Visit, Guest Lecture, Internship	1
Shreesamarth tech process ,pune	17/06/2019	Industrial Visit, Guest Lecture, Internship	1
Mohite Construction	14/03/2019	Onsite Training placement	2
eMastro Technologies Pvt.Ltd.Pune	25/02/2019	Industrial Visit, Guest Lecture, Internship	2
Mass Technologies Pune	08/03/2019	Industrial Visit, Guest Lecture, Internship	2
PROERROR Software Solution Pvt.Ltd., Pune	05/03/2019	Industrial Visit, Guest Lecture, Internship	2
Abhinav precision works.	10/12/2018	Internship, Visit, Job	2
Trimetric Engg. Manu. Soln	10/12/2018	Internship, Visit, Job	2
Yeshwant Udyog	10/12/2018	Internship, Visit,	2

		Job	
Kakade Laser	05/03/2019	Internship, Visit, project work	100
Shree Saigan Industries	24/11/2018	Internship, Visit, Job	2
Technomat spring	24/11/2018	Internship, Visit	2
Yeshwant Industries.	24/11/2018	Internship, Visit	2
Nobel Cast Comp. Pvt Ltd	28/03/2019	Internship, Visit	2
Talegaonkar Profile pvt.Ltd	14/03/2019	Internship, Visit	2
PANM Industries	14/03/2019	Internship, Visit	2
Shonarya Tech. Pvt. Ltd	14/03/2019	Internship, Visit	2
Shivkrupa Engg. Coat.	21/01/2019	Internship, Visit, Job	2
sensycon controls	17/06/2019	Industrial Visit, Guest Lecture, Internship	1
STORM ENERGIE	02/04/2019	Industrial Visit, Guest Lecture, Internship	42
ROPES TECH	12/04/2019	Industrial Visit, Guest Lecture, Internship	36
IDSS Global services	22/03/2019	On the job training placement	3
Prithvi Group	03/08/2019	On the job training placement	1
Ohm Sai Builder ,KARAD	26/03/2019	On the job training placement	3
View File			

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
21	22.79

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)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
View File	

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
Pure Study	Partially	2.0	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	10157	4740986	64	45647	10221	4786633
Reference Books	1864	838800	28	12600	1892	851400
e-Books	356	0	99	0	455	0
Journals	287	1176523	44	127959	331	1304482
e-Journals	4700	70800	4700	72098	9400	142898
Digital Database	13	1398305	0	0	13	1398305
CD & Video	408	0	55	0	463	0
Weeding (hard & soft)	4	0	0	0	4	0
View File						

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
L. P. Chaudhari	Analog Communication	DMS	21/06/2018
S. R. Patil	Manufacturing Process-I	DMS	18/06/2018
A R Patil	High performance Computing	DMS	21/06/2018
View File			

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	270	9	270	1	1	15	162	32	0
Added	20	0	20	0	0	0	20	34	0
Total	290	9	290	1	1	15	182	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
DMS	http://bvcoel.bvuict.in/logon.htm

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
77	77.29	125	181

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)

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. Students can issue 2 library books on library borrow card for a week. Renewal of the books will depend on availability and requirement of the same by others. Library is available beyond working hours during preparation leave for students.

Administrative office The office timings are from 9:30 a.m to 4:30 p.m (with one hour lunch break) The timings for payment of fees shall be: 10.00 a.m to 4:30 p.m Any student whose fees/payments are outstanding shall not be allowed to appear for the exams. Access to library and computer lab will also be withdrawn if fees/charges are outstanding. Students are not allowed to make any personal telephone calls from the institute office. Laboratory Record of maintenance account is maintained by lab technicians and supervised by HODs of the concerned departments. Charts are utilized in the Laboratory. Student are not allowed to remove charts from the laboratory. The teacher in charge of the period shall carry full responsibility of anything happening to learners in the Laboratory. No students are allowed to do experiments in the absence of teacher

Computers laboratory Centralized computer laboratory established by University funds and more funds are used to maintain computers in the college. Computer maintenance through AMC is done regularly and non-repairable systems are disposed of. Students are not to disconnect the computers' or monitors' power supply either from the computer itself. Students will be held liable for any damage caused should they do so. Removal of documentation, software, or equipment from the labs is prohibited. Software in the labs is subject to copyright licensing agreements. Copying or removing software from the labs is considered theft and is a violation of U.S. copyright laws. Sports All the

necessary sports equipment's are provided to the students. Students are encouraged to participate in various sport activities at college and University level. Our college organizes all FE students are Physical Skill Test and annual sports week every year and the first three winners are felicitated. The rules for players vary depending on the sport they play and the level they play at. This prevents a bias against things such as age, development and skills on teams. Players are expected to follow rules governed by their team such as behavior, attending practices, camps and drills and wearing the correct uniform. Players may also be expected to train and practice outside of their playing season to stay physically fit and updated on their skills. In addition to game play rules, coaches need to understand additional aspects of sports rules such as proper game ethics, nutrition and first aid, and be able to implement these aspects during drills, practices and games. Handbooks has been prepared consisting of all the procedures and policies for all the facilities.

http://bvcoe.bharatividyaapeeth.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	GOKART/ACES	145	63000
Financial Support from Other Sources			
a) National	SCHOLARSHIP (EBC, OBC, SC/ST, NT, VJDT, Minority, Cummins India Foundation and Lila Poonawalla)	567	22219552
b) International	00	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
Remedial coaching	04/08/2018	263	BHARATI VIDYAPEETHS COLLEGE OF ENGINEERING, LAVALE, PUNE
Soft skill development	15/12/2018	183	BHARATI VIDYAPEETHS COLLEGE OF ENGINEERING, LAVALE, PUNE
Personal Counselling	15/06/2018	243	BHARATI VIDYAPEETHS COLLEGE OF ENGINEERING, LAVALE, PUNE
Language Lab	14/08/2018	110	BHARATI VIDYAPEETHS COLLEGE OF ENGINEERING, LAVALE, PUNE
Bridge Course	21/01/2019	93	BHARATI VIDYAPEETHS COLLEGE OF ENGINEERING, LAVALE, 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 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
2018	FACE Training	0	50	0	20
2018	GATE Guidance	40	150	2	110
2019	Training and Placement Activities	0	18	0	11

[View File](#)

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	10

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
Zensar Technologies Hudl Sportstec Qspiders Jspiders : Test Yantra Software Solutions (I) Pvt. Ltd. ITC Infotech Amazon ExBuzz Fire and Security Pvt. Ltd. Xoriant Prolifics Mithi Software Focus Academy for Career	106	87	Hudl Sportstec Eram Magnaflux Vision Medicare Progility Capgemini Infosys Eligent Network Services Underdogs Gaming Studios Atos Syntel Bitwise Wipro Arwade Industries Construction Nandan Buildcon Pvt. Ltd.	84	54

Enhancement GM Kenjale Construction			Denasa Buildcon Equicom Indian Railways	
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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
2018	5	BE	Mechanical Engineering	KPDIMR,BALEW ADI, Pune RMIT UNIVERSITY, Australia DEMONTFORT UNIVERSITY DEMONTFORT UNIVERSIT Mumbai University	MBA MS Msc Engineering Msc Engineering MBA
2018	7	BE	Civil Engineering	North Carolina agricultural and technical STATE UNIVERSITY Dublin Institute of Technology, Ireland	M.S MSc InTechnology and Innovation Management
2018	1	BE	Computer Engineering	Modern College of Engineering Pune	M Tech
View File					

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

Items	Number of students selected/ qualifying
Any Other	13
GATE	2
View File	

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

Activity	Level	Number of Participants
Cultural activity Shiv Jayanti 2019	State	223
Cultural activity 5 Days Talk Series 2019	State	240

Mr. Ashok Deshmane Social Worker (Social Awareness of todays youth)State	State	235
Mrs. Anupama Gore (Carrer in Army for Engineers)	State	230
Mr. Kshitij Patukale (Engineering views of life)	State	235
Ms. Dr. Sindhutai Sapkal (From Mothers Heart)	State	230
Dr. Abhijit Sonawane (Doctor for Beggar)	State	233
Teachers Day	College	195
Guru Poornima	College	207
Solo Music Compitition	State	35
Just A minute Compitition	State	45
Reading club	College	46
Table tennis	State	4
Badminton Male	State	4
Basket ball Women	State	9
Football Male	State	18
Yoga (M/F)	State	10
Valleyball Women	State	4
Boxing Woman	State	1
Etheletics (M/F)	State	1
Valleyball Male	State	8
View File		

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
2018	Entreprene rship Awareness Camp	National	0	6	B151110861 B151110806 B151110834 71727637G 71656144B 71806457H	Siddharth patil Kamlesh Baviskar Shubham Kambale Vedant Sawale Nehal Gajbhiye Pratik Sawant
2018	Constructi	National	0	3	71727614H	Sujay

	on Event TEChfest				71727663F 71806311C	Pawar Pramod Yenare Divya Gaikwad
2018	TECHNICOLA (Basketbal 1)	National	2	0	B151110895 B151110895	Nikhil Janunkar Nikhil Ghadage
2018	RunBhoomi- 2019 (Bask etball)	National	2	0	B151110895 B151110895	Nikhil Janunkar Nikhil Ghadage
2018	Volleyball	National	1	0	71923125G	Ishwari Shinde
2019	Volleyball	National	1	0	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 institutional establishments need to work toward inculcating democratic values in students. To encourage students participation in curricular and extracurricular activities related to academics and administrative, a Student Council has been constituted. In the meetings of the Council, students' requirements and perspectives are discussed which helps the Institution to layout aiding activities for students. Apart from this, college students are additionally inducted as members on number of committees like IQAC, Library Committee and College Development Committee. As member of College Development Committee, college students get a possibility to have their say in no longer just academics but additionally administrative activities of the Institution. Apart from these, each department has formed Students' Association - CESA, MESA, BETA and ACES. Under the training of one college member and the HOD, these Associations have a absolutely reconstitution with office bearers selected from amongst the students. The Associations are actively involved with the Departmental activities like arranging guest lectures, guide the college member in organizing Industrial visits, organizing Tech fests, organizing cultural events, celebrations of Engineer's day, Teacher's day and fairs etc. This presents them and trip in growing interpersonal 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 number of professional bodies like FSAI, BAI, ISHRAE, SAE India, CSI and ISTE. Students are actively involved 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. The student council consists of President, Secretary, One lady representative, One representative belonging to Scheduled Castes or Scheduled Tribes or De-notified Tribes (Vimukta-Jatis) or Nomadic Tribes or Other Backward Classes, One student from each class, One student each from National Service Scheme, sports and culttural activities, One senior faculty member as coordinator of the Students, Physical director and NSS Program Officer.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

BHARATI VIDYAPEETHS COLLEGE OF ENGINEERING, LAVALE, PUNE ALUMNI ASSOCIATION (BVCOELPAA) with registration number as MH/1462/2018/Pune and registration dated as 19/9/2018 with Asstt. Registrar of Society, Pune region, Pune with the Memorandum of Association of BVCOELPAA has been registered which has been attached for the reference with the mentioned aims and objectives. Increase alumni interaction with on campus students, bring awareness and contribution for the development and progress of the college from the alumni. Prepare and train on campus students to be employable with the help of alumni, conduct regular training and sessions with the help of alumni by bringing in industry institute interaction to bridge the industry academia gap. Promote engineering research and industry simulation and consulting projects along with faculties, alumni and students. Organize lectures, seminars, conferences and get together with the alumni along with on campus students and other industry personnel. To accolade noteworthy achievements of the alumni and build a lifelong association with the alumni by building a reputation along with sense of cooperation and exchange. Provide various platforms and forums to network, interact and build alumni association network for mutual benefit. Social transformation through dynamic education is Bharati Vidyapeeths vision and our alumni association will continue to abide by it. Members of the Alumni Association President: Dr. R N Patil Vice-President: A A Katkar Secretary: P. G. Rahate Treasurer: P A. Jadhav Member: S. R. Patil Member: U. S. Patil Member: U. C. Patkar Member: A. B. Wani Member: S. A. Bhardwaj Member: G. G. Patil Member: D. K. Mokashi Member: Y. V. Kadam Member: N. N. Raut Member: Y. S. Khisti Member: S. G. Gawhale

5.4.2 – No. of enrolled Alumni:

101

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Convocation ceremony, along with Alumni networking meet was conducted on 30/03/2019 with following highlights : Meeting was attended by good number of alumni members from Computer Engg., E and TC Engg. , Civil Engg. and Mechanical Engg. branches and faculty members from all the departments of BVCOE, Lavale. 1. Everyone appreciated smooth conduct of the Convocation ceremony as well as the Alumni meet. 2. Noteworthy discussions took place during the day. 3. Alumni highlighted the success stories about employment, entrepreneurship and education (higher education). 4. Alumni demonstrated and feedback on how to contribute back to the college for mutual benefit. 5. Skill development through internships and projects was one of the key point of discussion. 6. Alumni pledged to guide and mentor on campus students via classroom and online sessions. 7. Alumni from Comp, Civil, E and TC and Mech branches expressed views and gave valuable feedback on the core branch skills and how they can be developed while on campus, beyond regular academics and how an individual student need to take it up in the best of his or her capacity.

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)?

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Library, ICT and Physical Infrastructure / Instrumentation	The College library has a rich digital library available for various subjects where Ebooks 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 Icard. • 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

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.

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.

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.

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 trainings are offered to the students for widening the horizon of their knowledge. Subject related special programs or trainings are conducted to bridge the gap between institute and industry. Industrial visits are organized to provide the contents beyond syllabus to the students. Weekly review of each course is taken by heads of 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.

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,

	<ul style="list-style-type: none"> • Mock - online examinations, Prelims • Theory assignments for practice • Course and Program outcome assessment. • Project examination • Oral, Practical examination • End Semester theory examination
Research and Development	<p>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.</p>

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

E-governance area	Details
Planning and Development	<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 of all the 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.</p>
Administration	<p>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</p>

	<p>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.</p>
Finance and Accounts	<p>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.</p>
Student Admission and Support	<p>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.</p>
Examination	<p>Examination cell conducts Online examinations as per the norms and schedule given by SPPU. The college also has MyExamo software to practice for online examination.</p>

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Y.V.Kadam	One Day Orientation Workshop	BVCOEL	500

2018	JYOTI DHANKE	International Conference on IOT its Application	BVCOEL	1680
2018	U. C. PATKAR	Workshop on Content Delivery	BVCOEL	300
2018	P.P.ATRE	Material s and technology for energy conservation and storage (MTECS, BARC, Mumbai), Workshop	BVCOEL	2500
2018	J. DHANKE	Mathematics for Industry Workshop	BVCOEL	780
2018	A. M. PASARKAR	4 th International Conference Nonocon 2018	BVCOEL	6000
2018	NIDHI JAIN	4 th International Conference Nonocon 2018	BVCOEL	5000
2018	V. C. KHAPPER	4 th International Conference Nonocon 2018	BVCOEL	5000
2018	S. Y. NAGAWASE	National level workshop with hands on Computatinal Fluid Dyanamics	BVCOEL	1500
2018	NIDHI JAIN	Conference on Innovation and development in computational and Applied Science	BVCOEL	1500
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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)
2019	NIL	Computer based	15/02/2019	15/02/2019	0	9

		Training And Person ality Deve lopment				
2018	Basics of Computer and Networking	Basics of Computer and Networking	11/10/2018	11/10/2018	10	10
2018	Introduction to OHAAS 1800 1Introduction to OHAAS 18001	Introduction to OHAAS 18001	10/10/2018	10/10/2018	9	7
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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
2 Days national level workshop with hands on CFD	1	21/12/2018	22/12/2018	2
3 D printing and its Applications	2	24/01/2019	25/01/2019	2
Manufacturing Process Technology NPTEL certification	1	01/01/2019	30/03/2019	90
Technical advances on Logistics Supply Chain Management	1	21/02/2019	22/02/2019	2
Developing basic competencies in Laboratory for supporting staff	1	04/02/2019	08/02/2019	5
Faculty Development Program on LPIII	1	20/02/2019	21/02/2019	2
Faculty Development Program on LPIV	1	18/12/2018	19/12/2018	2

Short Term Training Programme through ICT	1	06/05/2019	10/05/2019	5
Short Term Training Programme through ICT NBA Based	2	22/04/2019	26/04/2019	5
Workshop on SPPU Paper Setting	1	20/02/2019	21/02/2019	2
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
15	32	54	4

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Transport Facility, Medical Leave, Maternity Leave and Paternity 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 and Paternity 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, Hostel for boys and girls, Mess for boys and girls, Book bank scheme.

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
00	0	00
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6.4.3 – Total corpus fund generated

00

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		Yes	BVCOEL, Pune
Administrative	Yes	V.A.Dudhediya Company, Deccan, Pune	Yes	BHARATI VIDYAPEETH

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 10 patents filed by the faculty members and students of BVCOE, Lavale.
 - 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 Startup 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. 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
2018	A Two Days National Conference on Recent Advances in Engineering Sciences 2k19	08/12/2018	26/03/2019	27/03/2019	458
2018	Invention National Level Project Competition	08/12/2018	28/03/2018	28/03/2018	150
2018	Industry Connect	01/10/2018	01/11/2018	30/06/2019	220
2018	E- Cell	01/10/2018	01/01/2019	30/06/2019	4
2018	Industry Institute Interaction cell (IIIC)	01/10/2018	01/10/2018	30/06/2019	145

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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
Lecture on Awareness of Laws for girls	26/02/2019	26/02/2019	84	0
Karate Training and Talk on Self Defense in Emergency(Girls and Boys)	28/02/2019	28/02/2019	62	0

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

Percentage of power requirement of the University met by the renewable energy sources
College has used LED bulbs in the campus to reduce electricity consumption. The orientation of building is in such a way that very less usage of electric lights is required due to natural light. Display boards are placed in campus to spread awareness about energy saving. Awareness is created among the students and staff about harmful effects of plastics. Faculty members and students are instructed to not use plastic bottles and use and throw pens made of plastics. The institute is planning to procure electricity through roof top solar units.

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
Rest Rooms	Yes	1
Scribes for examination	Yes	1
Any other similar facility	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	5	5	03/10/2018	1	Swacchata hich Seva	Awareness about Cleanliness	115
2019	5	5	27/06/2019	1	Swacchha Vari	Awareness about Cleanliness	42
2018	5	5	11/07/2018	1	Vruksharopan	Awareness about Tree Plantation	110
2018	5	5	05/06/2018	1	Jagtik Parvavaran Din	Awareness about Environment	59

						Consciousness	
2019	5	5	24/06/2019	1	Guinness World Record for tree sapling Distribution	Awareness about Environment Consciousness	79
2019	5	5	24/01/2019	02	Disaster Mangement Training Programme	Awareness about Disaster Management	100
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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	01/06/2018	Principal Should 1 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 2 Conduct himself/herself with transparency, fairness, honesty, highest degree of ethics and decision making that is in the best interest of the college 3 Act as steward of the College's assets in managing the resources responsibility, optimally, effectively and efficiently for providing a conducive working and learning environment 4 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.

Code of Conduct for Students	01/06/2018	College is meticulously checks for discipline of students. 1 Students must carry the Identity Card with them on all days and should produce the same as and when asked for. 2 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. 3 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. 4 Every student shall come to the college in proper uniform.
Code of Conduct for Faculty members	01/06/2018	1 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 the difference in aptitude and capabilities among students and strive to meet their individual needs 4 Encourage students to improve their attainments, develop their personalities and at the same time contribute to community welfare 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 for any reason

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Social Progress: NSS Camp, Vishesh Hiwali Shibir	21/02/2019	21/02/2019	83
Human Dignity: Anti Tobacco Mass Pledge Activity	11/07/2019	11/07/2019	145
Social Progress: Swacchh Vari, Swasth Vari, Harit Vari	27/06/2019	27/06/2019	42
Jagtik Paryavaran Din	05/06/2018	05/06/2018	59
Independence day	15/08/2018	15/08/2018	240
Republic day	26/01/2019	26/01/2019	275
Environment Protection, Awareness, Energy Conservation and Urban Waste issues	06/03/2019	06/03/2019	118
Peace: Rashtrapita Mahatma Gandhi Jayanti Vyakhyan	01/01/2019	01/01/2019	150
Freedom: Rashtriya Ekta Diwas on occasion of Birth anniversary of Sardar Vallabhbai Patel	31/10/2018	31/10/2018	80

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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: 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. 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 Best Practice III Title of the Practice: National Conference Objective: The students are encouraged to get involved in research activities in the earlier stage of their career and also participate in conferences. It also boost students, academicians and researchers from industries to come together and share innovative ideas research trends. Context: The students are encouraged to do in house researches. This improves their interest in the subjects and also their learning capacity. The employability of the students will also increase as they will have an idea of how to handle problems. The conference welcomed papers covering exploratory research, newer technology and case studies Practice: Students are advised obtain an idea of their project and to implement it in house. This improved their knowledge about the importance of different subjects. The students were asked to publish and present paper in their domain of interest. Evidences of success: A Two Days National Conference on Recent Advances in Engineering Sciences 2k19 was successfully organized on 26th and 27th March 2019. Selected papers were published in GLOBAL JOURNAL OF

ENGINEERING SCIENCE RESEARCHES. 5. Problems encountered and resources required: Being an Under Graduate institute organizing a research event was challenging. The UGC updates UGC Care journals periodically hence it becomes difficult to collaborate with various journal publishers.

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.
5. To enhance On-campus Placement
6. To make the Department a Hub for Entrepreneurship and Placement
7. To increase placement ratio with the help of Alumni
8. To make more Eco Friendly campus
9. To arrange more moral values and social awareness programs
10. To procure the financial assistance from various government and non government agencies
11. To establish a staff academy for all the faculty members.