



## YEARLY STATUS REPORT - 2021-2022

### Part A

#### Data of the Institution

##### 1.Name of the Institution

Bharati Vidyapeeth's College of Engineering for Women

- Name of the Head of the institution Prof. Dr. S. R. Patil
- Designation Principal
- Does the institution function from its own campus? Yes

- Phone no./Alternate phone no. 02024371684
- Mobile no 9423211277
- Registered e-mail coewpune@bharatividyaapeeth.edu
- Alternate e-mail coewpune@bharatividyaapeeth.edu
- Address Katraj, Dhanakawadi, Pune
- City/Town Pune
- State/UT Maharashtra
- Pin Code 411043

##### 2.Institutional status

- Affiliated /Constituent Affiliated
- Type of Institution Women
- Location Urban

- Financial Status **Self-financing**
  
- Name of the Affiliating University **Savitribai Phule Pune University**
- Name of the IQAC Coordinator **Dr. S. S. Chorage**
- Phone No. **9881717562**
- Alternate phone No. **9881717562**
- Mobile **9881717562**
- IQAC e-mail address **suvarna.chorage@bharativedyapeeth.edu**
- Alternate Email address **suvarna.chorage@bharativedyapeeth.edu**

**3.Website address (Web link of the AQAR (Previous Academic Year)**

[http://coewpune.bharativedyapeeth.edu/media/pdf/YEARLY\\_STATUS\\_REPO\\_RT\\_2020-2021\\_230223.pdf](http://coewpune.bharativedyapeeth.edu/media/pdf/YEARLY_STATUS_REPO_RT_2020-2021_230223.pdf)

**4.Whether Academic Calendar prepared during the year?**

**Yes**

- if yes, whether it is uploaded in the Institutional website Web link:

[http://coewpune.bharativedyapeeth.edu/media/pdf/Academic\\_Calender\\_230223.pdf](http://coewpune.bharativedyapeeth.edu/media/pdf/Academic_Calender_230223.pdf)

**5.Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B+</b>	<b>2.62</b>	<b>2018-2019</b>	<b>01/10/2018</b>	<b>01/11/2023</b>

**6.Date of Establishment of IQAC**

**12/07/2017**

**7.Provide the list of funds by Central / State Government**

**UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,**

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institute	Scheme for Promoting Interests, Creativity and Ethics	AICTE	2021-22	1,00,000/
Department	ATAL Academy FDP on, "Machine Learning"	AICTE	2021-22	93,000/-
Institute	MODROB-ASP	AICTE	2021-22	5,76,500/

**8. Whether composition of IQAC as per latest NAAC guidelines** **Yes**

- Upload latest notification of formation of IQAC [View File](#)

**9.No. of IQAC meetings held during the year** **03**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**
- If No, please upload the minutes of the meeting(s) and Action Taken Report **No File Uploaded**

**10. Whether IQAC received funding from any of the funding agency to support its activities during the year?** **No**

- If yes, mention the amount

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

1. Introducing Online Self-Appraisal Report to all Faculty initiated by central office of Bharati Vidyapeeth organization. 2. Promoting administrative staff to attend 3-days state level support staff skill development program on "MS office- word, Excel and Corel-Draw". 3. Internship initiatives at institute level helped to

achieve good quality internships for Third Year Engg. Students. 4. Motivating Faculty for research activities such as publications in Quartile journals and registering for Ph.D. program. 5. Organizing student development programs for getting higher placement.

## 12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
NAAC Accreditation process	AQAR report 2020-21 Submitted
Student development programs	Sports: 02 Higher education guidance: 02 Entrepreneurship development: 04 Placement related: 07 Soft skill development: 02 Hardware workshop: 01 Sexual Harassment awareness: 01 Teacher's Day Celebration: 01
Faculty development programs	Participation of teaching staff in WS/FDP/FOP/STTP: 163 Participation of faculty in Seminars/Training and Online Webinars: 25 NPTEL Courses enrolment: staff: 451, student: 35 NPTEL course successfully completed: 3 Participation in Conferences: 5 Ph. D. Completed: 03 Ph.D. Registered: 05
Publication in UGC care list/ Good quality journals	UGC Journal publications: 07 Conference publication: 12 Book chapters: 04 Patents filed: 03
Research Grant	ASPIRE grant of Rs. 2,50,000/-
Industry-Institute Interaction Cell	Significant improvement in quality internships by the students from Third year Engg. E&TC : 92 Computer: TE:82, BE:14 IT: BE 6 TE 81 Institute level MoUs: 28
Institutions Innovation Council	ARAII council "Recognition as Beginners' band" NISP progress report submitted to AICTE

Use of ICT Tools in teaching learning process	Faculty developed online courses using various online platforms. Students and faculty enrollment in NPTEL course is significant Staff: 35 student : 451
Student Placements	Total placement: 193
Add on Certification Course	No of Courses: 02 , No of students' enrolled: 80

**13. Whether the AQAR was placed before statutory body?** Yes

- Name of the statutory body

Name	Date of meeting(s)
College Development Committee (CDC)	24/12/2021

**14. Whether institutional data submitted to AISHE**

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	Bharati Vidyapeeth's College of Engineering for Women
• Name of the Head of the institution	Prof. Dr. S. R. Patil
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02024371684
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• Registered e-mail	coewpune@bharatividyaapeeth.edu
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• Address	Katraj, Dhanakawadi, Pune
• City/Town	Pune
• State/UT	Maharashtra
• Pin Code	411043
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• Affiliated /Constituent	Affiliated
• Type of Institution	Women
• Location	Urban
• Financial Status	Self-financing
• Name of the Affiliating University	Savitribai Phule Pune University
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<b>4.Whether Academic Calendar prepared during the year?</b>	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="http://coewpune.bharativedyapeeth.edu/media/pdf/Academic_Calendar_230223.pdf">http://coewpune.bharativedyapeeth.edu/media/pdf/Academic_Calendar_230223.pdf</a>

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<b>8. Whether composition of IQAC as per latest NAAC guidelines</b>	<b>Yes</b>	
<ul style="list-style-type: none"> <li>• Upload latest notification of formation of IQAC</li> </ul>	<a href="#">View File</a>	
<b>9.No. of IQAC meetings held during the year</b>	<b>03</b>	
<ul style="list-style-type: none"> <li>• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>Yes</b>	
<ul style="list-style-type: none"> <li>• If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded	
<b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>	
<ul style="list-style-type: none"> <li>• If yes, mention the amount</li> </ul>		
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
<p>1. Introducing Online Self-Appraisal Report to all Faculty initiated by central office of Bharati Vidyapeeth organization.</p> <p>2. Promoting administrative staff to attend 3-days state level support staff skill development program on "MS office- word, Excel and Corel-Draw".</p> <p>3. Internship initiatives at institute level helped to achieve good quality internships for Third Year Engg. Students.</p> <p>4. Motivating Faculty for research activities such as publications in Quartile journals and registering for Ph.D. program.</p> <p>5. Organizing student development programs for getting higher placement.</p>		
<b>12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</b>		
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	development: 04 Placement related: 07 Soft skill development: 02 Hardware workshop: 01 Sexual Harassment awareness: 01 Teacher's Day Celebration:01
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13.Whether the AQAR was placed before	Yes

<b>statutory body?</b>	
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name	Date of meeting(s)
College Development Committee (CDC)	24/12/2021
<b>14.Whether institutional data submitted to AISHE</b>	
Year	Date of Submission
2021-2022	25/02/2022
<b>15.Multidisciplinary / interdisciplinary</b>	
<p>Bharati Vidyapeeth's College of Engineering for Women, being an engineering college and affiliated to Savitribai Phule Pune University, Pune has certain limitations in curriculum designing, however, several initiatives have been taken in promoting interdisciplinary academic activities. In the curriculum, courses such as Logic Design and Computer Organization, Processor Architecture, Ubiquitous Computing, Internet of Things (IoT), Deep Learning, and Artificial Intelligence have been added. Institute conducts various audit courses such as Ecology &amp; Environment, Urbanization &amp; Environment, Human Behavior, Enhancing Soft Skills and Personality, Team Building, Leadership and Fitness, Japanese Language, Start-up and Ecosystem, Intellectual Property Rights, Leadership and Personality Development to provide a platform for students with a multidisciplinary approach. Extension lectures are organized on assorted topics such as Gender Sensitization, Women's Safety, Design and Thinking, Plan for Start-up and Legal and Ethical steps, etc. Interdisciplinary projects to solve problems in society are developed by the students as a part of project-based learning and final-year projects.</p>	
<b>16.Academic bank of credits (ABC):</b>	
<p>Bharati Vidyapeeth's College of Engineering for Women (BVCOEW) is affiliated to Savitribai Phule Pune University (SPPU), Pune. The university curriculum is based on a choice-based credit system. Awareness sessions on the implementation of NEP 2020 are in the</p>	

pipeline, and efforts are being put to create awareness about key aspects of NEP, including the Academic Bank of Credits (ABC). As per the directions received from the university, the institute has informed the students about the ABC facility and the importance of credit transfer for providing academic mobility to students. Institute also encouraged them for opening an Academic Bank of Account on the ABC portal [www.ABC.gov.in](http://www.ABC.gov.in).

#### **17.Skill development:**

The institute has started various initiatives for skill development by promoting the participation of the students in domains such as internships, industry projects, industrial training, certification courses, and extension activities of NSS. Institute focuses on skill development in academics with appropriate changes in the teaching-learning process, curriculum, and assessment and evaluation of students. Student chapters of professional bodies and student associations of the department organize workshops on diverse topics with the involvement of professionals from various sectors to establish skill standards among students. The Institute has a training committee, entrepreneurship and skill development committee, innovation, IPR, and start-up committee to create tech-based student-owned start-ups, employment opportunities and make them professionally competent.

#### **18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)**

Institute has Art Circle Unit which organizes various activities such as sari day, cultural day celebrations. Institute organizes Annual Social Gathering celebration in which opportunities are created for the students to showcase their talents by performing anchoring, dance, recite poems, songs in Marathi, Hindi and Gujarati. Every year our institute unveils Institute Magazine "Oyster" which includes Marathi and Hindi sections along with English. Staff members and students are encouraged to write literature such as articles (Lekh), short stories (Katha), poems (Kavita), interviews of renowned personalities etc. in Marathi and Hindi along with English. Institute celebrates "Marathi Bhasha Gaurav Din" on 27th February, the birth anniversary of Marathi Poet Padma Bhushan Kusumagraj (Vishnu Vaman Shirwadkar). Institute celebrates "Vachan Prerana Din" on 15th October, Birth Annivarssary of Bharatratna Dr. A.P.J. Abdul Kalam. Institute celebrates Hindi Bhasha Divas on 14th September. The speeches on informative topics in Marathi by renowned resource persons are arranged during NSS special residential camp at rural place. Most

of the communication related to this camp such as invitation letter, reports etc. is done in Marathi. Also most of the communication with DTE, affiliating university, SPPU and parent organization, Bharati Vidyapeeth is done in Marathi as per the requirement.

#### **19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):**

Each Program in the institute defines Program Outcomes (POs), Program Specific Outcomes (PSOs) and Program Education Objectives (PEOs) by referring POs, PSOs and PEOs stated by affiliating university, SPPU. Each course teacher defines Course Outcomes (COs) and maps them to POs and PSOs. The POs and PSOs are achieved through a curriculum planning, its implementation and various activities conducted in the Institute as per the academic calendar. Institute has a well-organized structure for its implementation. The direct and indirect assessment methods and tools are designed for checking the attainment of COs, POs and PSOs. After declaration of results, analysis of COs, POs and PSOs is done for each semester.

#### **20.Distance education/online education:**

Institute always follows the guidelines of affiliating university, SPPU. All lectures and practical are conducted in offline (physical) mode as per the curriculum. However, in Covid-19 pandemic during AY 2021-22 Sem1, all activities are conducted in online mode as per SPPU guidelines. All faculty members conducted lecture and practical sessions in online mode using software platforms such as Google Meet and Microsoft Teams. Effective use of ICT, Google Drive and Google Classrooms has been done during this period. Staff members uploaded course syllabus, study material such as course notes, power point presentations, and question banks on Google Classrooms. Internal assessment was done based on MCQ based online assignments, quizzes and Unit Tests. SPPU Insem and Endsem examinations were conducted in online mode as per SPPU guidelines. Co-curricular and extra-curricular activities are also conducted effectively in online mode. As per the curriculum, all Third Year students completed internship activity in online mode. In AY 2021-22 Sem2, college started in offline mode. Curricular activities are conducted in offline mode. Co-curricular and extra-curricular activities are executed in hybrid mode.

## Extended Profile

<b>1.Programme</b>	
1.1 Number of courses offered by the institution across all programs during the year	<b>207</b>
File Description	Documents
Data Template	<a href="#">View File</a>
<b>2.Student</b>	
2.1 Number of students during the year	<b>1093</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	<b>153</b>
File Description	Documents
Data Template	<a href="#">View File</a>
2.3 Number of outgoing/ final year students during the year	<b>269</b>
File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1 Number of full time teachers during the year	<b>59</b>
File Description	Documents
Data Template	<a href="#">View File</a>

3.2	43
Number of sanctioned posts during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

#### 4. Institution

4.1	14
Total number of Classrooms and Seminar halls	
4.2	320.86
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	459
Total number of computers on campus for academic purposes	

### Part B

#### CURRICULAR ASPECTS

##### 1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Institute has a well-organized structure to facilitate curriculum planning and its implementation. Based on the need of area to focus upon the activities are planned and executed. Department Advisory Board (DAB) and Program Assessment committee (PAC) are actively involved in ensuring effective curriculum delivery.

##### Planning

- Work load calculation and distribution based on subject choices given by faculty, their experience, and course expertise is done well in advance.
- The academic calendar according to the guidelines of affiliated university, SPPU is prepared and circulated to all the faculty. Also it is displayed on college notice boards and website.

##### Implementation

- Faculty members prepared videos based on their laboratory practical, assignments, question banks are published on their respective course websites for dissemination.
- Weekly review is taken by heads of department and necessary instructions are given.

#### Effectiveness

- Mentor-mentee scheme is implemented for the smooth and effective execution of all academics related activities. Regular meetings are planned and are conducted to observe its effectiveness

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="http://coewpune.bharatividyaapeeth.edu/media/pdf/Academic_Calender_230223.pdf">http://coewpune.bharatividyaapeeth.edu/media/pdf/Academic_Calender_230223.pdf</a>

#### 1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Institute has functional IQAC which prepares and displays institute academic calendar. Academic calendar has three sections namely, academics, events and meetings schedule. It is prepared strictly according to the guidelines of affiliated Savitribai Phule Pune university. Institute decides dates of internal examinations, various events and meetings. Work load calculation and distribution based on subject choices given by faculty, their experience, and course expertise is done well in advance. It is circulated to all faculty and displayed on college notice boards and website. Faculty plans and updates their course files and teaching materials. Resources and set ups availability are ensured in the laboratory before the commencement of practical conduction. Mentor-mentee scheme is implemented for the effective execution of all academic activities. Academic effectiveness is observed through a system of Guardian Faculty Members for each class, student counsellors for each batch of students, provision of students 'class representatives and student batch coordinators. Continuous assessment is done. Mock practical and oral examinations are conducted prior to university examinations. The institution adheres to the academic calendar for both UG and PG for the academic planning and implementation.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="http://coewpune.bharatividyaapeeth.edu/media/pdf/Academic_Calender_230223.pdf">http://coewpune.bharatividyaapeeth.edu/media/pdf/Academic_Calender_230223.pdf</a>

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University**

**B. Any 3 of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

**1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented**

**1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented**

**4**

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

**1.2.2 - Number of Add on /Certificate programs offered during the year**



**1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)**

2

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

**1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year**

80

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

**1.3 - Curriculum Enrichment****1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum**

**Professional Ethics (PE):** Punctuality, Leadership, Technical Competence, etc. are promoted through co/extracurricular activities. Special Workshops aimed at making students creative and innovative are conducted through IEI, IETE, CSI, ACM student chapters.

**Gender:** Being Women's institute, prime importance is given to the personality development of women. Motivating an environment free from gender violence, sexual harassment and gender discrimination amongst students and staff. Formation of Internal Complaint Committee, Conduction of programmes such as Health Consciousness, International Women's Day.

**Human Values:** NSS unit and Student Development Office organize various activities to inculcate social responsibility and life skills. Earn and Learn Scheme is available for economically

backward students.

**Environment and Sustainability:** BE students are encouraged to take projects addressing Environmental issues.

**Conserving Energy:**

1. Switching off electrical appliances while not in use.
2. Maximum advantage of day light due to institute building architecture.
3. Showcasing benefits of taking stairs instead of elevators.

**Tree Planting and Conservation:**

1. Fully landscaped campus helps achieving carbon neutrality.
2. The NSS unit carries out tree plantations in city and various Villages.
3. Encouraging paperless environment.

**Waste management:**

1. Waste collection through bins kept at various locations.
2. Hazardous waste is disposed with due precautions.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

**1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year**

12

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 1.3.3 - Number of students undertaking project work/field work/ internships

273

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

### 1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above
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File Description	Documents
URL for stakeholder feedback report	<a href="http://coewpune.bharativedyapeeth.edu/media/pdf/1-4-1_URL_for_stakeholder_feedback_report_21-22_230223.pdf">http://coewpune.bharativedyapeeth.edu/media/pdf/1-4-1_URL_for_stakeholder_feedback_report_21-22_230223.pdf</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.4.2 - Feedback process of the Institution may be classified as follows**

**B. Feedback collected, analyzed and action has been taken**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="http://coewpune.bharativedyapeeth.edu/media/pdf/1-4-2_URL_for_Feedback_and_Feedback_Report_230223.pdf">http://coewpune.bharativedyapeeth.edu/media/pdf/1-4-2_URL_for_Feedback_and_Feedback_Report_230223.pdf</a>

**TEACHING-LEARNING AND EVALUATION**

**2.1 - Student Enrollment and Profile**

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of students admitted during the year**

**250**

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)**

**2.1.2.1 - Number of actual students admitted from the reserved categories during the year**

**153**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The learning levels of the students are assessed after the first Unit Test.

Students who achieve a score of more than 80% are regarded as advanced learners and receive specialised guidance to prosper in academics. Students who score below 40% are regarded as slow learners, and extra measures are taken to enhance their general performance.

The institute implements the following for advanced learners:

- Offer opportunities for value-added programmes and certification courses.
- Encourage participation in coding contests, project competitions, paper publications, poster presentations, and competitive assessments.
- Support for obtaining internships and sponsored projects.
- Felicitate top performers of each class and provide them with additional books from the central library.

Efforts taken for special learning needs of slow learners:

- Assign student counsellor in order to comprehend their problems and offer potential solutions.
- Course instructor engages students one-on-one and delivers remedial lectures and practise sessions.
- Additional practise tasks are offered.
- Instructions are given for following a specific procedure when taking the test.

As per guidelines given by the affiliating university, exams for the odd semester were held online and based on MCQs. Theory exams were conducted in offline mode for even semesters.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

### 2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1093	59

File Description	Documents
Any additional information	<a href="#">View File</a>

### 2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Pandemic had a severe impact on higher education. Institute closed the premises in response to lockdown measures. Face-to-face lectures were replaced by online learning. In first half of the academic year Teaching Learning paradigm was challenging and continued with on-line teaching learning process. To make it interesting, interactive and innovative online platforms like Google Classroom, Google Meet, Microsoft Teams, were used.

To enhance the experiential learning teachers were encouraged to attend FDP, Workshops, Webinars, STTP. AICTE- ATAL FDP on the topic, "Machine Learning" is organized. Students were encouraged to use online MOOC platforms such as Octave, Virtual Labs of IIT's. Students were suggested to select project problem statement based on the research papers from reputed resource. Experiential and participative learning was achieved through practical sessions.

Post Graduate Students were instructed to publish research papers in the reputed resources. AICTE -SPICES events were conducted to ensure the participative learning. Visits to the reputed IT companies were organized. Many activities such as GD's, Training for aptitude tests, Seminars, College magazine, mock viva were conducted.

For exploring the problem solving methodologies time bound

assignments were given. Mini projects and major projects based on the problem statement chosen from the reputed resources were implemented.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="http://coewpune.bharatividyaapeeth.edu/media/pdf/2-3-1_Student_centric_methods_131222.pdf">http://coewpune.bharatividyaapeeth.edu/media/pdf/2-3-1_Student_centric_methods_131222.pdf</a>

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Teachers are combining technology and conventional teaching methods to involve students in the learning process. Use of ICT improves the teaching and learning activities.

The following ICT initiatives deployed by institute for expanding the learning process of the students.

1. The institution places a strong emphasis on using ICT resources, such as Google Apps, computer systems with web cameras, LCD projectors, wired internet access, Wi-Fi and power point presentations while delivering the lectures in classrooms and explaining the practical in laboratories.
2. The course teachers use Google Classroom and Google Drive to provide course materials for individual classes and conduction of online feedback.
3. The video conferencing platforms such as Google Meet and Microsoft Teams used to conduct online seminars, webinars, lectures, and other knowledge sharing courses for students.
4. Institute has Seminar Room equipped with digital facilities for organization of various events.
5. Institute promotes digital learning for students using MOOC Platform such as NPTEL, Coursera and supports Digital Library resources (DEL NET) and National Digital Library of India (NDLI) as a virtual repository of learning resources.
6. Internet facility is available in all the classrooms,

laboratories, and office.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

### 2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )

#### 2.3.3.1 - Number of mentors

56

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

#### 2.4.1 - Number of full time teachers against sanctioned posts during the year

59

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

#### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc.



**/ D.Litt. during the year (consider only highest degree for count)****2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year**

13

File Description	Documents
Any additional information	<a href="#">View File</a>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	<a href="#">View File</a>

**2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)****2.4.3.1 - Total experience of full-time teachers**

831

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

**2.5 - Evaluation Process and Reforms**

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Every semester Academic calendar is prepared with reference to university calendar. Students are made aware of the assessment methods by the respective course teacher. The direct assessment tools such as unit tests, unit wise assignments, orals for some of the units in syllabus are used by the respective course teacher. Unit test 1 is conducted based on unit 1 and 2 of the respective course syllabus. It is of 30 marks, each unit is given weightage of 15 marks. Unit test 2 will be conducted considering unit 4 and 5 for 30 marks. This distribution is fixed considering the paper pattern of the affiliated university. Considering the performance of slow learners in the unit tests, it is decided to conduct oral for some units which can boost the marks of students for internal

assessment. Retests are conducted for absent students. Term work marks evaluation format is decided at the institute level and followed by all course teachers. Final term work marks are diaplyed for the students.The schedule of unit tests, assignment submissions, orals, mock practical/ oral exam is published in the institute academic calendar.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

Pattern of internal examination is decided by the institute Principal, IQAC coordinator and Academic coordinator along with all the heads of department. As per affiliated university each course has total six units. Internal examinations such as Unit test 1, conducted on unit 1 and 2, unit test 2 is conducted on unit 4 and 5. In-semester examination for the respective course at the institute level is executed strictly as per the academic calendar and university guidelines. In case of students having grievances with the internal evaluation process, they can directly discuss their doubts individually with respective faculty members. Online grievance form is made available to students on institute website. Students can approach the Head of the Department and Principal for the further necessary action.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="http://coewpune.bharatividyaapeeth.edu/index.php/grievance-form-for-students">http://coewpune.bharatividyaapeeth.edu/index.php/grievance-form-for-students</a>

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The Program Outcomes and Program Specific Outcomes are published and disseminated through following modes:

- College Website/ Department Home page.
- Disseminated to all the stakeholders through faculty meeting, alumni meet, parents meet, industry interactions, workshops conducted, student induction programs, HOD (Head of Department) address to the students at beginning of the semester.
- Displayed at the entrance of the respective departments, head of the department office, Notice Boards, Staff Rooms and Laboratories.
- Faculty course file.

The Course Outcomes are published and disseminated through following modes:

- Course faculty takes the responsibility to disseminate the COs to students in classrooms. COs are published in course file, laboratory manuals and website of each faculty member.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="http://coewpune.bharatividyaapeeth.edu/index.php/aqar-2021-2022#criteria-2">http://coewpune.bharatividyaapeeth.edu/index.php/aqar-2021-2022#criteria-2</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The assessment of PO, PSO, and CO is done using Direct and Indirect Assessment Methods:

- **Direct Assessment Method (75% weightage):** The direct assessment method is further classified into internal assessment (40% weightage ) and external assessment (60% weightage ) methods. The internal assessment includes assessment of unit tests, assignments, progressive assessment of practical/seminar/project work, presentations etc. The external assessment consists of University In-semester , theory & practical/oral/Project examinations. The assessment of above mentioned methods gives a quantitative measure in each course and these exhibit the level of attainments of course as follows :

Level 1: 50% of students score more than target marks. Level 2: 60% of students score more than target marks. Level 3: 70% of students score more than target marks.

(Target marks : Average of last three years marks.)

Thus the mapping of CO with POs and PSOs will result in % attainment of each POs and PSOs. The attainment of revised POs and PSOs will be done from next A.Y. 2022-2023.

- Indirect Assessment Method (25% weightage): It includes the views of stake holders correlated to the PO and PSO attainment. This includes Exit survey, Alumni survey, Employer survey.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	Nil

### 2.6.3 - Pass percentage of Students during the year

#### 2.6.3.1 - Total number of final year students who passed the university examination during the year

269

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="http://coewpune.bharatividyaapeeth.edu/media/pdf/2-6-3_Result_graph_annual_Report_131222.pdf">http://coewpune.bharatividyaapeeth.edu/media/pdf/2-6-3_Result_graph_annual_Report_131222.pdf</a>

### 2.7 - Student Satisfaction Survey

**2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)**

[http://coewpune.bharatividyaapeeth.edu/media/pdf/2-7-1\\_Student\\_Satisfaction\\_Survey\\_131222.pdf](http://coewpune.bharatividyaapeeth.edu/media/pdf/2-7-1_Student_Satisfaction_Survey_131222.pdf)

**RESEARCH, INNOVATIONS AND EXTENSION****3.1 - Resource Mobilization for Research****3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)****3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)**

250000

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

**3.1.2 - Number of teachers recognized as research guides (latest completed academic year)****3.1.2.1 - Number of teachers recognized as research guides**

1

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year****3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year**

1

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://bcud.unipune.ac.in/BCUD_Research/Aspire_PDF/Selected%20List%20ASPIRE%20Mentorship%202019%20Information%20Technology.pdf">https://bcud.unipune.ac.in/BCUD_Research/Aspire_PDF/Selected%20List%20ASPIRE%20Mentorship%202019%20Information%20Technology.pdf</a>

### 3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

As per the guidelines issued by MHRD Innovation Cell and AICTE, an institute has formed various cells for Innovation, Startups, Incubation, Entrepreneurship Development, International Smart India Hackathon, Intellectual Property Rights, Atal Ranking of Institutions on Innovation Achievements (ARIIA) and National Innovation and Startup Policy (NISP). One faculty is appointed as an in-charge for each cell. An institute has registered to National Innovation and Startup Policy (NISP) campaign and one faculty is appointed as single point of contact for innovation ecosystem. In-line with National Innovation and Startup Policy (NISP), institute has drafted policy at institute level and approved. Institute has registered for Institutes Innovation Cell (IIC) campaign initiative by MHRD and start Up and Innovation cell by Savitribai Phule Pune University. Institute has participated in Atal Ranking of Institutions on Innovation Achievements (ARIIA) . College has been participating in National Innovation Ranking Framework (NIRF). Concern faculty In-charge is following the guidelines and taking initiatives to conduct various activities to create innovation and startup ecosystem within college campus. To coordinate all activities of innovation ecosystem, Student Cell is formed at institute level. Five activities were conducted in the A Y 2021-22 covering topics such as How to Plan for Start-up, IPR Awareness Program.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

#### 3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

14

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.3 - Research Publications and Awards

#### 3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

##### 3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

8

File Description	Documents
URL to the research page on HEI website	<a href="http://coewpune.bharatividyaapeeth.edu/media/pdf/Research_131222.pdf">http://coewpune.bharatividyaapeeth.edu/media/pdf/Research_131222.pdf</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

#### 3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

7

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

### 3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

#### 3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

16

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The workshop conducted on Gender Sensitization helped attendees to better understand the concept of non-discrimination and equality. Basic concepts like gender discrimination, gender roles, gender stereotypes, gender division of labour, gender equality, gender based violence, masculinity etc are very clearly elaborated in the workshop.

The college undertakes various social outreach programmes through NSS like tree plantation at Taljai, Raksha Bandhan Programme at Bharati Vidyapeeth Police Station inculcating social skills and value based life skills among students. The COVID-19 pandemic situation has brought the vulnerability, so with extension activities like participation in Bhajan, Dindi helps to keep them peaceful. Seminar on Challenges among adult age group Women, Generation gap pros and cons create sensitivity and empathy towards social issues.

NSS team organized a Self-defense workshop, the training will help to protect herself as well others too. The ability to defend



herself increases her self-esteem and boosts her confidence. The practice will make her physically and emotionally fit. Post pandemic anxiety among these GenZ is gradually reduced by organizing many activities among the neighbourhood community leading towards sensitizing students to social issues and holistic development.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

### 3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

#### 3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

03

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

### 3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year

#### 3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

59

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

### 3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

#### 3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

3262

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 3.5 - Collaboration

#### 3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

##### 3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

358

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

#### 3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate

houses etc. during the year

### 3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

28

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The institute has an environmental friendly 10 acres of campus. The Institute building is constructed in 2024 SQ. Meter. The institute's infrastructure has been developed according to the AICTE and SPPU's recommendations for technical institutions.

All specifications for the instructional, administrative, amenities, and circulation areas have been met. Resources are shared among different departments of the institute. Wi-Fi and Internet facility works with Local area Network efficiently by using leased line connection with recommended bandwidth by AICTE.

Classroom - 12 classrooms for UG, 1 classroom for PG. All classrooms are well furnished with ICT facilities.

Laboratories- Institute has 28 laboratories including 2 Computer Centres. All laboratories are equipped with computers with internet connectivity, printers, scanners, UPS/generator backup. The electronics laboratory works with all the latest equipment as per the requirement of the curriculum.

All computational equipment is configured with the latest hardware configuration with sufficient storage of primary memory and secondary storage.

Other Facilities- Classrooms and seminar hall equipped with LCD projectors and speaker system with internet facility. Application and system software are available in the institute as per the AICTE norms. All the departments make use of the central workshop facilities. There is a central reprographic and scanning facility.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://coewpune.bharatividyaapeeth.edu/index.php/departments/department-of-engineering-sciences-and-allied-engineering#infrastructure">http://coewpune.bharatividyaapeeth.edu/index.php/departments/department-of-engineering-sciences-and-allied-engineering#infrastructure</a>

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The institute hosts an "Annual Social Gathering" each year. Several youngsters display their singing, dancing, and acting skills in their captivating presentations. The institute also puts on "Jishin," an annual techno-cultural celebration. This event features a number of technical competitions, including coding contests, design contests, robotics competitions, project competitions, and paper presentation challenges.

Students who have performed in academics, sports, culture, and other events are awarded at the annual social prize distribution ceremony. Sports and games (indoor and outdoor, in a gym or yoga studio, etc.) The institute features excellent amenities, such as a big playground.

Various activities, including intercollegiate and major college sporting events, take place on the campus playground. It makes it possible for students to take part in a variety of contests held by the Board of Sports & Physical Education Committee, SPPU's Zonal Sports Committee. The Institute has a separate section called Gymkhana that is devoted to the student's physical conditioning. Students are given access to all necessary sporting equipment. Students also use the 16-station multi-gym for their regular workouts. The institute holds an annual sports week every year.

In the Academic year 2021-2022 due to the covid pandemic 2019, online sports and cultural activities performed by students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://coewpune.bharativedyapeeth.edu/media/pdf/Department_of_Gymkhana_NAAC_131222.pdf">http://coewpune.bharativedyapeeth.edu/media/pdf/Department_of_Gymkhana_NAAC_131222.pdf</a>

#### 4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

13

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://a.impartus.com/login/#/">http://a.impartus.com/login/#/</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

##### 4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

102.20

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

#### 4.2 - Library as a Learning Resource

## 4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Library is Fully automated using Integrated Library Management System (ILMS). In year 2021 Existing version of Soul 2.0 replaced with Soul 3.0. which converts partially automated software into fully automated software. ILMS software Soul 3.0 through which, Library books search by the Author's Surname, name, Title, ISBN, Accession Number, publisher name etc. It has enough reference books, textbooks, National and International Journals/Periodicals to satisfy the requirements of the AICTE and syllabus of the university. According to the reading interest of the students various literatures, Biographies, e-resources, Daily newspapers (English, Marathi languages) are made available in a good number. The area of the library is 408 sq. m. with a spacious reading hall with a capacity of 200 students.

Name of the ILMS software

Software for University Libraries (Soul 3.0)

Nature of automation (fully/Partially) - Fully

Version -Soul 3.0

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="http://coepune.bharativedyapeeth.edu/media/pdf/Website_Library_Data_2021_131222.pdf">http://coepune.bharativedyapeeth.edu/media/pdf/Website_Library_Data_2021_131222.pdf</a>

**4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources**

**A. Any 4 or more of the above**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

#### 4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

##### 4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

1.44

File Description	Documents
Any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

#### 4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)

##### 4.2.4.1 - Number of teachers and students using library per day over last one year

28

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

#### 4.3 - IT Infrastructure

##### 4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The Institute fulfils the norms specified by Statutory Regulatory Authority, AICTE and affiliating university, Savitribai Phule Pune University to provide IT facilities and update them from time to time. The Institute caters for IT facilities such as Servers, Computers, Printers, Scanners, LAN Facility, Internet Facility, Wi-

**Fi Facility, Licensed Software.** Institute prefers open-source software for practical implementations. This software is updated from time to time as per the requirements. **Servers:** Institute has four dedicated servers used for conduction of online examination, one time password generator server for Wi-Fi facility, Proxy server and Windows Antivirus server. **Computers:** The Institute has total 459 computers with modest configuration to serve the purpose of students as well as faculty. **Printers:** The Institute has altogether sixty-seven printers. The types of printers are dot matrix, Laser Jets, All in One and inkjet.

**Scanners:** Total 6 Flat Bed scanners are available in the Institute for scanning the various documents. 1 Web OPAC Scanner in the Library used for bar code scanning of the books. **LAN facility:** All the computers in the laboratories are connected through LAN. The institute has an Internet facility of 155 Mbps with 1:1 contention ratio leased-line wired connection. The Wi-Fi facility is also available in the premises of the institute.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="#">Nil</a>

#### 4.3.2 - Number of Computers

384

File Description	Documents
Upload any additional information	<a href="#">View File</a>
List of Computers	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>



**4.4 - Maintenance of Campus Infrastructure****4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)****4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)**

120.66

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The Institute has fixed policies in the regard of Physical, Academic and Support facilities. Physical: It comprises of classrooms, seminar hall, tutorial room, girls' common room, Gymkhana, and NSS room. All these rooms are cleaned by daily wages women appointed by Housekeeping Department.

Academic: It comprises of maintenance of laboratories, computers, Wi-Fi facility and library.

Laboratories: laboratory assistant look after the maintenance of each laboratory. The register is maintained in each laboratory for recording the maintenance details of equipment.

Computers: All the computers and peripherals are check by the laboratoryassistant for any problems as and when required. Any maintenance activity, if needed is carried out and necessary consumables are purchased.

Wi-Fi facility: The maintenance of access points, routers and controllers is performed by the technical support engineer of the institute.

Library: Issue and return procedures of books are done manually as well as in software SOUL 3.0.

**Support:** It comprises of photocopy machine, sports complex, fire extinguisher, water purifiers, plumbing, electrical maintenance, and civil maintenance. All these maintenances are done through Annual Maintenance Contract.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

##### 5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

806

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

#### 5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

##### 5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

78

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills**

**A. All of the above**

File Description	Documents
Link to Institutional website	<a href="http://coewpune.bharatividyaapeeth.edu/media/pdf/5-1-3_capability_enhancement_event_131222.pdf">http://coewpune.bharatividyaapeeth.edu/media/pdf/5-1-3_capability_enhancement_event_131222.pdf</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

**5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

**203**

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

**203**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

**A. All of the above**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

## **5.2 - Student Progression**

### **5.2.1 - Number of placement of outgoing students during the year**

#### **5.2.1.1 - Number of outgoing students placed during the year**

**193**

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

### **5.2.2 - Number of students progressing to higher education during the year**

#### **5.2.2.1 - Number of outgoing student progression to higher education**

**7**

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

**5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)**

**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year**

10

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<a href="#">View File</a>

**5.3 - Student Participation and Activities**

**5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year**

**5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

1

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )

As per Savitribai Phule Pune University guidelines student council of the affiliated institute comprises various sections such as National Service Scheme, Art Circle and Gymkhana. At our institute all these sections are coordinated by separate coordinators. Student council of the BVCOEW, Pune was established in 2014-15. Student development section plans and executes various student welfare activities at the institute which includes Karmaveer Bhaurao Patil Earn and Learn scheme, Nirbhaya kanya yojana, etc. SPPU provides funds for these activities partially. Various activities conducted under Student Development Section and other sections also conducts their activities separately and regularly. There are students' nomination for the constitution of various committees and the selected student volunteers organize various events and activities in coordination with faculty members. Students are members of Internal Quality Assurance Cell, Institute Advisory Board, Department Advisory Board, NSS, ICC, Alumni association and anti-ragging committee etc.

File Description	Documents
Paste link for additional information	<a href="http://coewpune.bharativedyapeeth.edu/media/pdf/5-3-2_SDO_Report_131222.pdf">http://coewpune.bharativedyapeeth.edu/media/pdf/5-3-2_SDO_Report_131222.pdf</a>
Upload any additional information	<a href="#">View File</a>

**5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)**

**5.3.3.1 - Number of sports and cultural events/competitions in which students of the**

**Institution participated during the year**

2

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<a href="#">View File</a>

**5.4 - Alumni Engagement**

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Yes, the institute has registered its Alumni Association at the charity commissioner's office, Pune, Maharashtra with Registration No - Maha/1403/2017/Pune, dated 6th October 2017. The goal of the alumni association is to improve ties between the alumni, the institute, and current students. The alumni participate in a variety of activities such as hosting webinars and workshops, assisting with placement and higher education, and more.

The annual Alumni Meet gives graduates a chance to reconnect with their alma mater, mingle with their peers, and share their professional experiences with all. Each department's Distinguished Alumni are honored for their professional accomplishments. Each year, the Alumni Council Body Meeting also takes place. The body's members examine the activities that were carried out during the academic year and offer suggestions for the course of action to be followed during the next academic year.

The association works to preserve a connection between alumni and the institute because alumni are a significant stakeholder in the institute. The events were carried out online this year.

File Description	Documents
Paste link for additional information	<a href="http://coewpune.bharatividyaapeeth.edu/media/pdf/5-4-1_Aluminai_Activities_131222.pdf">http://coewpune.bharatividyaapeeth.edu/media/pdf/5-4-1_Aluminai_Activities_131222.pdf</a>
Upload any additional information	No File Uploaded

**5.4.2 - Alumni contribution during the year (INR in Lakhs)**

**E. <1Lakhs**

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

**Vision: Women Empowerment through Technical Education.**

**Mission:**

- Develop women students to rise to their full potential.
- Impart knowledge and prepare competent engineers.

The governing body, statutory bodies, and College Development Committee all contribute to effective governance of the institution. Principal, IQAC Coordinator and Academic Coordinator prepare semester wise Academic Calendar for smooth conduction of all activities. Various committees and cells consisting of staff members and headed by staff coordinator organize and effectively execute all the activities as per the plan. HODs, Administrative heads, Section in charges and coordinators of various cells assist the Principal in academic and administrative process. The institute has an IQAC to monitor academic and administrative working and hence improve the quality of the overall functioning of the institute. The perspective and prospective plans are derived considering vision, mission and SWOC analysis of the institute. The student diversity issues, student placements, implementation of ICT, faculty development, industry linkages and research promotion are considered while designing perspective plans for the



institution. With the focus on academics, different co-curricular and extra-curricular activities are organized for overall development of students so as to prepare them as competent engineers and rise to their full potential.

File Description	Documents
Paste link for additional information	<a href="http://coewpune.bharativedyapeeth.edu">http://coewpune.bharativedyapeeth.edu</a>
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Institute presumes that decentralization will create the ownership among teaching and administrative staff. College promotes Decentralization and Participative approach in all processes. To ensure effective participation, various committees have been formed in the Institute. Decentralization approach acts in accordance with Academics as well Administration.

Academic decentralization follows various systems, frameworks for betterment of the teaching learning process. To encourage participative management all stakeholders are included and each stakeholder's opinion is valued. Faculties, Mentors, Students, Parents are most important entities working in cohesive agile approach to strive for academic excellence. Faculties are motivated to attend Faculty Development Programmes. College level feedback committee, collects feedback from students, parents and all stakeholders to improve teaching methodologies, teaching content.

In Administrative decentralization, the College Development Committee plays an important role. All the activities related to the student section, establishment section, examination section, store, maintenance, accounts and audit are monitored by the office superintendent. Internal Complaint Committee, Internal Quality Assurance Cell, Department Advisory Board, Anti ragging Committee etc. have effective representation of all stakeholders, class coordinators, campus coordinators, parents, alumina, industry representative, counsellors, campus police team etc.

File Description	Documents
Paste link for additional information	<a href="http://coewpune.bharatividyaapeeth.edu/media/images/latest_Orgnization_structure.jpg">http://coewpune.bharatividyaapeeth.edu/media/images/latest_Orgnization_structure.jpg</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

### Curriculum Development

Regular course feedback is taken from all Faculty Members for the revision required in their respective course and are encouraged to participate in the curriculum development.

### Teaching and Learning

online contents such as video lectures, websites, and quizzes for their courses. Assignments, lecture notes, question banks and unit test results are disseminated using these platforms while continuing with offline teaching.

### Examination Evaluation

University has introduced a new syllabus for third-year engineering students, which includes a 30 marks in-semester and a 70 marks end semester exam.

### Research and Development

To inculcate the research culture initiatives were taken. ATAL FDP was organised on the topic, "Machine Learning". Faculty members were encouraged to apply, fetch the research grant.

### Library:

Text Books, Reference, Literatures, e-Books, Print Journals, Audio Video, NDLI Cub. Membership, NPTEL, Digital Library, SOUL 3.0, WEB OPAC, 155 Mbps Network, Wi-Fi, Firewall, Books bank scheme, photocopying, Reading hall facility.

### ICT

The institute uses Microsoft Teams and Google Meet to cover fundamentals of the classroom and uploads course materials on Google Classroom.

#### Physical Infrastructure

Institute has Internet leased line connection of 155 MBPS. All the classrooms are equipped with LCD projectors. Internet facility and Wi-Fi connection available on all computers.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="http://coewpune.bharatividyaapeeth.edu/media/pdf/6-2-1 Strategic Plan 131222.pdf">http://coewpune.bharatividyaapeeth.edu/media/pdf/6-2-1 Strategic Plan 131222.pdf</a>
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

For smooth functioning within organization a robust organizational structure is necessary. Institute has constituted the Governing Body (as per the AICTE guidelines) and College Development Committee (CDC) (as per the new Maharashtra University Act. 2016).

The apex bodies, administration team, statutory committees, various cells and boards provide guidance for deciding vision and mission of the institute. It helps in establishing, implementing and monitoring of the policies. They also prepare an overall comprehensive development plan of the institute regarding academic, administrative, and infrastructural growth and enables institute to foster excellence in curricular, co-curricular and extra-curricular activities.

The statutory committees/cells such as anti-ragging committee, reservation cell, Internal Complaint Committee, Right to Information cell are formed as per the norms and function under the guidance of Head of the Institution. Working within a team create ownership, each Committee, Cell, Board assure smooth functioning of the task assigned to it helping to achieve institute Vision.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	<a href="http://coewpune.bharativedyapeeth.edu/media/images/latest_Orgnization_structure.jpg">http://coewpune.bharativedyapeeth.edu/media/images/latest_Orgnization_structure.jpg</a>
Upload any additional information	No File Uploaded

### 6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

Welfare measures for Teaching Total Scheme: 14

1. Bharati Vidyapeeth Health Scheme (B.V.H.S.)
2. Sevak Kalyan Nidhi
3. Study Leave
4. Medical Leaves
5. Maternity Leave
6. Provident Fund
7. Pension Scheme

8. Gratuity

9. Advance payment to staff members to meet their emergencies

10. Welfare of the employees and their family members by providing concession in fees for education of employees' children

11. Monetary help for medical purposes

12. Gymnasium facility

13. Institution provides financial support to participate in sports.

14. Insurance provided to staff for covid treatment.

Welfare measures for Non-Teaching Total Scheme: 14

1. Bharati Vidyapeeth Health Scheme (B.V.H.S.)

2. Sevak Kalyan Nidhi

3. Earned Leave

4. Medical Leaves

5. Maternity Leave

6. Provident Fund

7. Pension Scheme

8. Gratuity

9. Advance payment to staff members to meet their emergencies

10. Welfare of the employees and their family members by providing concession in fees for education of employees children

11. Monetary help for medical purposes

12. Gymnasium facility

13. Institution provides financial support to participate in sports.

**14. Insurance provided to staff for covid treatment.**

File Description	Documents
Paste link for additional information	<a href="http://coewpune.bharativedyapeeth.edu/media/pdf/6-3-1_Welfare_Scheme_131222.pdf">http://coewpune.bharativedyapeeth.edu/media/pdf/6-3-1_Welfare_Scheme_131222.pdf</a>
Upload any additional information	<a href="#">View File</a>

**6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year****6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year**

1

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

**6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year****6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**

2

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

### 6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

#### 6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

196

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

### 6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Performance appraisal forms are filled and submitted online twice in a year.

Appraisal Procedure: Appraisal provides a common and unified

measure of performance, so that all staff are evaluated in the uniform manner.

### 1. Self-Appraisal:

#### 1. Part - I

- Personal Details
- Academic Details

#### 2. Part - II

- Teaching Details
- Activity Details

It gives complete information in the form of records. It provides actual conduction of practical and lectures and evaluation of individual staff by HOD in planning, control, working methodology, actively contribution in different activities.

#### 3. Part - III

- Research Papers
- Publications
- Creation of ICT
- Research Guidance
- Award/Fellowship
- Invited Lectures

It provides teaching engagement, methodology, innovative ideas. It provides contribution in research area, for college, community and corporate. It helps staff to be more alert and competent. Self-appraisal helps to improve the quality of work performance.

### 2. Head of the Department Review

It is verified at the department level by HOD. It helps to analyse staff and to implement policies for the department.



### 3. Principal Review

HOD forwards Appraisal with his/her remark for the further verification and approval of Principal and management.

File Description	Documents
Paste link for additional information	<a href="http://10.16.10.162:94/">http://10.16.10.162:94/</a>
Upload any additional information	No File Uploaded

### 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

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

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

**6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)**

0

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

#### 6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

- A mechanism for internal and external audit
- The regular audit of accounts and the audit objections, their compliance
- Audited income and expenditure statement of academic and administrative activities.
- Yearly planning of budget under different Heads

Institute has well defined mechanism to monitor effective and efficient use of available resources. Each department in charge estimates the budget and allots the available financial resources to the various departments of the institution. Approval of Secretary and Principal are made with the recommendations of duly constituted department. Comparison of cost and quality of the item takes place using minimum three different quotations. After comparison, purchase order on the suitable vendor will be released. Also there is Internal Audit Committee of Bharati Vidyapeeth to monitor the effective and efficient use of available financial resources. The following four types of accounts are created: Receipts and Payment Accounts. Income and Expenditure Accounts. Balance Sheets Each and every transaction is supported by the vouchers and bills. All the collections are deposited directly in the bank and all expenditure, recurring and nonrecurring, are incurred through cheques. Internal audit is done periodically. The external audit is done by the Chartered Accountant before the session comes to an end.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Teaching Learning process i.e. the classes, practical examinations and evaluation were conducted by using online mode. Continuous Internal Assessment tests were conducted to monitor the progress of the students. According to the University norms assignments/seminars and projects were given to the students. Online/Virtual platforms were used for the conduction of Webinar, Group Discussions & Coding club activities. In every department, Project demonstrations were also conducted by using online mode. The Placement cell/Training Cell conducted training program and arranged campus interviews online and also deputed the students to off-campus drives. Academic records were maintained to monitor the progress of the students. IQAC encouraged the faculty members to submit the proposals to various funding agencies for conducting Faculty Development Programs, Student development programs, Institute development programs, seminars and workshops

Quality improvement initiatives include promoting and facilitating teaching, non-teaching staff and students to actively involved in various development programs. The result of consistency in efforts showed the following improvement in various aspects.

Participation of teaching staff in Workshop/FDP/FOP/STTP:163

Participation of faculty in Seminars/Training and Online Webinars:25

NPTEL Courses enrolment: staff: 35, student: 451

NPTEL course successfully completed: 3

Participation in Conferences: 5

Student Placement: 193

File Description	Documents
Paste link for additional information	<a href="http://coewpune.bharatividyaapeeth.edu/index.php/committees/internal-quality-assurance-committee-igac">http://coewpune.bharatividyaapeeth.edu/index.php/committees/internal-quality-assurance-committee-igac</a>
Upload any additional information	<a href="#">View File</a>

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Periodic review of all academic activities by the head of institution at place. All the administrative processes are governed, executed, and reviewed through heads of department in the respective departments. Workload calculation and Allotment is done by respective HOD, session plans are regularly checked. Updating course files, personal files, conducting monthly meeting of all subject mentors and GFMs. Updating the Lab Attendance Registers/Lab Manuals is done timely. Maintenance of equipment is done periodically. Central feedback system which helps in taking feedback related to faculty, course, and Student satisfaction survey has helped in improving teaching-learning process time to time.

The student level activities are executed through SDO, NSS coordinator, GFMs, student association staff in charge and student mentors. Preparing monthly defaulters' list and conducting student mentoring meetings is done as per academic calendar. Seminar and projects are assessed by internal evaluation team prior to university evaluation process which has shown significant improvement in quality of projects. Academic processes which include preparation and execution of institute Academic Calendar, learning outcomes assessment, CO-PO mapping and attainments are reviewed periodically. Slow learners and advanced learners are identified after every examination such as unit test 1 and 2. Continuous assessment is done regularly.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

<b>6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)</b>	<b>C. Any 2 of the above</b>
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File Description	Documents
Paste web link of Annual reports of Institution	<a href="http://coewpune.bharativedyapeeth.edu/media/pdf/6-5-3_annual_report_21-22_131222.pdf">http://coewpune.bharativedyapeeth.edu/media/pdf/6-5-3_annual_report_21-22_131222.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

**1.Safety and Security 2.Counselling 3.Common Room Response:**

The Institute administration is highly concerned about the safety and social security of students because it is a women's college. A separate security guard has been assigned for Institute building. Students who live in the Institute hostels feel safe and protected. At strategic locations, CCTV cameras are deployed. Fire extinguishers are placed at easily accessible heights in prime locations where they can be used in the event of an unintentional fire. On the fire extinguisher, there are clear directions how to use it. Staff mentors are recruited batch wise to counsel in a friendly and cooperative manner so that students have a feeling of belongingness and loving care. To address the issues on gender sensitivity the Institute organizes various workshops. The Institute provides basic medical assistance in the common room which is very important for students. In addition, there are four hospitals in the campus. A medical officer from BharatiVidyapeeth's

Medical College has been duly designated to handle the students' mental and physical health issues. A facility of day care center for the staff children is provided in the campus. An Internal Complaint Committee (ICC) is established to deal with the complaints of sexual harassment against students or employees.

File Description	Documents
Annual gender sensitization action plan	<a href="http://coewpune.bharativedyapeeth.edu/media/pdf/7-1-1_Action_Plan_2022-23_131222.pdf">http://coewpune.bharativedyapeeth.edu/media/pdf/7-1-1_Action_Plan_2022-23_131222.pdf</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="http://coewpune.bharativedyapeeth.edu/media/pdf/7-1-1_Photos_SPECIFIC_FACILITIES_131222.pdf">http://coewpune.bharativedyapeeth.edu/media/pdf/7-1-1_Photos_SPECIFIC_FACILITIES_131222.pdf</a>

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment**

**D. Any 1 of the above**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

**7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management**

**a) LIQUID WASTE MANAGEMENT:** The institute along with all other institutes in the campus of Bharati Vidyapeeth's Dhankawadi campus shares a centralized Sewage Treatment Plant (STP) of having a capacity of 750 m<sup>3</sup>/DAY. The total sewage collected from bathrooms and toilets is treated in the Sewage Treatment Plant based on high efficiency modified aerobic activated sludge system using extended aeration process. The treated sewage meets the requirements of the State Pollution Control Board and the same can be used for landscaping and other purposes.

b) **WASTE RECYCLING SYSTEM:** Sludge generated from the Sewage Treatment Plant (STP) is dewatered and used for landscape, manure and gardening purpose .

c) **SOLID WASTE MANAGEMENT:** The institute has arranged garbage bins for collection of Solid waste which are then collected by garbage vehicles from Pune Municipal Corporation. This collected solid waste is further disposed off by the PMC. Garbage bins are placed outside the canteen where food and other organic waste is recycled into compost which is used for gardening. This provides a range of environmental benefits, including improving soil health, reducing greenhouse gas emissions, recycling nutrients, and mitigating the impact of droughts.

d) **E-waste management:**

Collection of E waste periodically.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	<a href="#">View File</a>

**7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus**

C. Any 2 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered

A. Any 4 or All of the above

<b>vehicles</b> <b>3. Pedestrian-friendly pathways</b> <b>4. Ban on use of plastic</b> <b>5. Landscaping</b>	
File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>
<b>7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution</b>	
<b>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities</b>	<b>E. None of the above</b>
File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<b>No File Uploaded</b>
Any other relevant information	<b>No File Uploaded</b>
<b>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies</b>	<b>C. Any 2 of the above</b>



of reading material, screen	reading
File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	<a href="#">View File</a>
7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).	
<p>Bharati Vidyapeeth's College of Engineering for Women, Pune makes sincere initiative to promote and maintain inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, and socio-economic and other diversities.</p> <p>Institute ensures sensitivity towards these activities and encourages students for maximum participation. Under graduate and post graduate programs with department Student Associations at different levels invite renowned persons from different fields to conduct sessions for these activities.</p> <p>Faculty members motivate and encourage students during in class and out class activities.</p> <p>Institute has framed and published the code of conduct handbook for students, faculty members and non teaching staff to which they are abide to follow. The institute has also published the code of conduct handbook on institute web site. Institute celebrates the cultural and regional festivals along with national days like Rakshabandhan Police Station, Shivjayanti Sohala, Best Dress competition, singing, dancing competition, Marathi Bhasha Gaurav Din, Cleanliness drive on S.M.Joshi Bridge, Women's Day, Constitution (Sanvidhan Diwas Celebration) Day, and National Unity Day Celebration etc.</p>	

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Awareness drive is conducted through various activities for employees and students to inculcate values for being responsible citizens. The institute emphasizes on sensitizing students to become mature and responsible citizens of India. In order to ensure awareness towards abuse against women and women rights in society, institute has constituted Internal Complaint Committee (ICC) which conducts various activities to promote and address these issues. Library Committee runs book bank scheme for topper students.

National Service Scheme (NSS) and Student Development Cell (SDC) are involved in different activities addressing the problems of the society and the needs of the people. These activities spread the message of social, moral responsibilities amongst students who will be the leaders of tomorrow.

The college celebrates Constitutional Day on 26th November every year by reading the Preamble of Constitution through which the college tries to inculcate responsibilities of Indian citizens among students and employees.

Celebration of Sadbhavana Divas inculcates compassion togetherness and unity towards the society.

As per the revised curriculum guidelines of SPPU for 2019 course a 2 credit course for UG and PG named Democracy, Election and Governance and introduction to constitution is introduced in Academic year 2021-22.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="http://coewpune.bharativedyapeeth.edu/media/pdf/7-1-9_ICC_and_sadbhavana_report_131222.pdf">http://coewpune.bharativedyapeeth.edu/media/pdf/7-1-9_ICC_and_sadbhavana_report_131222.pdf</a>
Any other relevant information	<a href="http://coewpune.bharativedyapeeth.edu/media/pdf/7-1-9_Democracy_election_and_governance_and_Constitution_131222.pdf">http://coewpune.bharativedyapeeth.edu/media/pdf/7-1-9_Democracy_election_and_governance_and_Constitution_131222.pdf</a>

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized**

**A. All of the above**

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals**

**Bharati Vidyapeeth's College of Engineering for Women, Pune regularly celebrates national and international commemorative days, events, festivals like Republic Day, Independence Day, Women's Day Celebration, National Unity day, National Girl Child Day (Azadika Amrut Mahotsav), National Voters day (Azadika Amrut Mahotsav) ,Foundation Day etc. In addition, various other activities like Shivjayanti Sohala, Rakshabandhan Police Station,**

Swacchata Pandharawada Ayojan, Savitribai Phule Jayanti, Tree Plantation, Teacher's Day, Engineer's Day were celebrated. Formal notices and circulars are circulated to the staff members, students and respective Departments for successful organisation and conduction of these events. Our institute participate in celebration of Bharati Vidyapeeth's Foundation Day on 10th May every year. Independence Day on 15th August and Republic Day on 26th January is celebrated to inculcate the respect for the National Flag and the National Anthem. Students take an active part in these events.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

### Best Practice 1

**Title of the practice: Course Mentor Mentee Scheme**

1. Promote peer to peer learning.
2. Achieve academic excellence
3. Explore SPPU's programme.

**Context:**

Mentors coach mentees.

**The practice:**

Three times per semester, mentoring occurs. Pre-semester, Monthly, Midterm and end-of-term meetings conducted. Performance of students in various exams is evaluated and remedial actions are discussed and verified.

**Evidence of Success:**

- Mentors advise on course depth, practice, and resources.
- Schedule-following.
- Slow learners used Google classroom exercises.

**Problems Encountered and Resources Required:**

- Pandemics ruin hardware lab practicals.

**Best Practice 2**

**Title of the practice:** Training for enhancement of employability skill set.

**Objectives:**

- 1.To ameliorate soft skills.
- 2.To achieve adequate placement ratio.

**Context:**

Earlier the institute has problems placing students in industry. Diverse students lacked employment skills. In response to pre-placement training programme, Coding and Aptitude skill Enhancement Clubs in alliance with HR and Test series clubs are started.

**The Practice:**

- Capacity Building Programme
- Peer to Peer Training
- Employability Skill Development (ESD) Programme
- Mock interviews

**Problems faced and Resources Required:**

Diversity of students makes it challenging to gratify their different needs.

**Evidence of Success:**

- Faculty and students' initiatives have improved campus placement.

File Description	Documents
Best practices in the Institutional website	<a href="http://coewpune.bharatividyaapeeth.edu/media/pdf/7-2-1_Best_Practices_131222.pdf">http://coewpune.bharatividyaapeeth.edu/media/pdf/7-2-1_Best_Practices_131222.pdf</a>
Any other relevant information	Nil

### 7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Atal Ranking of Institutions on Innovation Achievements (ARIIA) is an initiative of Ministry of Education, Govt. of India to systematically rank all major higher educational institutions and universities in India on indicators related to "Innovation and Entrepreneurship Development" among students and faculties.

Institution's Innovation Cell (IIC) has been established at our institute in AY 2020 and various activities are organized under IIC during AY 2021-22 such as webinars on "How to Plan for Start-up and Legal & Ethical Steps", "Framework for technology driven Social Innovation", "Design Thinking for Innovation", "IPR Awareness Program" etc. by eminent resource persons from renowned organizations/institutions.

Our institute, (ARI-C-41377) is recognized as "Band-Beginner" institute among Top 10 Private Institutes.

Participation of women in technology is an important aspect in social and economic development of the nation. It is a critical constituent in the process of improving the quality of life of women themselves. When women have economic empowerment, it is a way for others to see them as equal members of society. Establishing and running Women Engineering College with the vision, "Women empowerment through technical education" really contributes to "Social transformation through dynamic education" as stated by the vision statement of our parent organization, Bharati Vidyapeeth.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	<a href="#">View File</a>

### 7.3.2 - Plan of action for the next academic year

Following activities are planned for the academic year 2022-23:

1. Planning of NAAC accreditation for the second cycle.
2. Increase research papers in reputed journals such as Scopus, UGC indexed journals.
3. Increase number of activities under Institution's Innovation Cell (IIC).
4. Increase participation of students in co-curricular activities for improving interaction with industries and extra-curricular activities especially in sports.
5. Technical skill up gradation programmes are to be continued for students support staff.
6. Special efforts to increase the number of students placed in reputed companies through campus placement drives.
7. Additional efforts for the internship of the students in reputed companies.
8. NBA prequalifier is to be prepared.