



YEARLY STATUS REPORT - 2022-2023

| Part A | |
|--|---|
| Data of the Institution | |
| 1.Name of the Institution | BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN |
| • Name of the Head of the institution | Dr. Sandip Raosaheb Patil |
| • Designation | Principal (in-charge) |
| • Does the institution function from its own campus? | Yes |
| • Phone no./Alternate phone no. | 020-24371684 |
| • Mobile no | 9423211277 |
| • Registered e-mail | coewpune@bharatividyaapeeth.edu |
| • Alternate e-mail | sandip.patil@bharatividyaapeeth.edu |
| • Address | Pune-Satara Road, Dhankawadi, Taluka Haveli, District- 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. Suvarna 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 | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | |
| 5.Accreditation Details | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Cycle</th> <th>Grade</th> <th>CGPA</th> <th>Year of Accreditation</th> <th>Validity from</th> <th>Validity to</th> </tr> </thead> <tbody> <tr> <td>Cycle 1</td> <td>B+</td> <td>2.62</td> <td>2018-2019</td> <td>01/10/2018</td> <td>01/11/2023</td> </tr> </tbody> </table> | | Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to | Cycle 1 | B+ | 2.62 | 2018-2019 | 01/10/2018 | 01/11/2023 |
| Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to | | | | | | | | |
| Cycle 1 | B+ | 2.62 | 2018-2019 | 01/10/2018 | 01/11/2023 | | | | | | | | |
| 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 | MODROB-ASP | AICTE | 2021-22 | 5,76,500/- |
| Student Development Section | Nirbhaya Kanya | SPPU, Pune | 2022-23 | 5000/- |
| Student Development Section | Workshop on Green Electric Power Generation | SPPU, Pune | 2022-23 | 6000/- |
| Student Development Section | Electric Vehicles for Smart Cities Workshop | SPPU, Pune | 2022-23 | 6000/- |
| Student Development Section | KBP Earn and Learn Scheme | SPPU, Pune | 2022-23 | 225000/- |
| Institute | AICTE, SPICES | AICTE | 2022-23 | 100,000/- |
| Institute | NSS Regular Activity | SPPU(Central Govt.) | 2022-23 | 72,000/- |
| Institute | NSS Special Camp | SPPU(Central Govt.) | 2022-23 | 70,000/- |

| | | |
|--|---------------------------|--|
| 8. Whether composition of IQAC as per latest NAAC guidelines | Yes | |
| <ul style="list-style-type: none"> Upload latest notification of formation of IQAC | View File | |
| 9.No. of IQAC meetings held during the year | 4 | |
| <ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? | Yes | |
| <ul style="list-style-type: none"> If No, please upload the minutes of the | No File Uploaded | |

| | | |
|--|----|--|
| meeting(s) and Action Taken Report | | |
| 10. Whether IQAC received funding from any of the funding agency to support its activities during the year? | No | |
| <ul style="list-style-type: none"> If yes, mention the amount | | |
| 11. Significant contributions made by IQAC during the current year (maximum five bullets) | | |
| <p>With the consistent efforts made by faculty, Institute has signed 28 MoUs with industries which has helped in organizing industrial visits, seminars, internship, expert talk for the students.</p> | | |
| <p>Expert session on "NEP2020" for Faculty Awareness was organized on 15th May 2023. by Dr. Sagar Dhage, Webinar on "NEP 2020 : A New Vision for Future of Education" for faculty. Competitions like essay writing, poster presentation, preparing videos/reels were organized for celebrating NEP 2020 week in July 2023 for student awareness.</p> | | |
| <p>3 Days workshop was organized for administrative/ nonteaching staff which included, Use of ERP software, Basic Networking & Cyber Awareness, Hands on MS Office & Excel.</p> | | |
| <p>National level technical event organized by college, consisting of three special events named Yukti and Arohana which were about Business entrepreneurship poster presentation and start up idea in front of industry experts to give participants exposure to take there ideas to real business world and Prayas in which portfolio building competition was kept a new way to make participants resume impressive. also annual social gathering featured mesmerizing dance performances, melodious musical acts, poetry recitals etc. celebrating the richness of different cultures and languages.</p> | | |
| <p>Through Industry Institute Interaction Cell, students are motivated to registered with INTERNSHALA India's largest Internship platform. FE students were also provided internships.</p> | | |
| 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 | Previous all AQARs were edited and submitted |
| Organizing National Level Tech fest | Organized National level Technical event consisting of 7 technical events especially Robo race, Business entrepreneurship poster presentation, Start up idea and portfolio building competition. |
| students registration with INTERNSHALA India's largest Internship platform. FE students were also provided internships. | College was All India ranked 88 among 500+ colleges participating in Internshala Annual Rankings for the year 2022. |
| Planning for Environmental and Green Audit | Environmental and Green audit conducted by external agency for A. Y. 2022-23 |
| Event planning under Institute Innovation Cell | Three Activities were conducted under IIC :- 1. "Motivational Session by Successful Entrepreneur" 2. "How to plan for Start Up" 3. "Entrepreneurship and Innovation" |
| Training for administrative/non teaching faculty | 3 Days workshop was organized for administrative/ nonteaching staff which included, Use of ERP software, Basic Networking & Cyber Awareness, Hands on MS Office & Excel. |
| Training and placement cell planned industry specific training for TE students | ESD program of 430+ hours training was conducted for 243 students which included an aptitude training of 72 hrs, SQL & PL training for 120 hrs, and core & advance Java training for 240hrs. |
| AWS academy courses | AWS Academy Data Centre Technician(77 students), AWS |

| | |
|--|--|
| | Academy Academy Engineering Operations Technician(77 students), AWS Academy Introduction to Cloud- Semester 1(80 students), AWS Academy Introduction to Cloud- Semester 2 (80 students), AWS Academy Machine Learning (82 students),AWS Academy Machine Learning and natural Language Processing (82 students), AWS Academy Data Engineering (82 students) |
| CSR activities with Capgemini | Machine learning with tabular data (48 students), Internship (40 students) |
| ICC awareness session | Women Pakhwada an initiative by Govt. of India was celebrated during 25/11/2022 to 10/12/2022 which included activities like awareness session, self defense workshop and poster making competition. |
| Promoting Research culture | Substantial Research publications in reputed journals and conference listed in Scopus=22 , WoS=2 and UGC CARE= 26, 3 faculty have completed their Ph. D., and 13 Patents are filed out of which 10 are published. |
| Motivation and rewards for Research contribution | Incentives of amount 60000/- received from the management, by the faculty for publishing their research in reputed journals. one candidate has completed Ph. D. under the guideship of Dr. S. S. Chorage |
| 13.Whether the AQAR was placed before statutory body? | Yes |
| <ul style="list-style-type: none"> Name of the statutory body | |

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

14. Whether institutional data submitted to AISHE

| Year | Date of Submission |
|------|--------------------|
| 2024 | 14/02/2024 |

15. Multidisciplinary / interdisciplinary

Bharati Vidyapeeth's College of Engineering for Women, being an engineering college and affiliated to Savitribai Phule Pune University, Pune has to follow SPPU guidelines for the curriculum development. There is limited scope for an individual institute to design and develop curriculum. Also there is limited academic flexibility. However, several initiatives have been taken in promoting interdisciplinary academic activities. Students are encouraged to take up interdisciplinary projects and seminar topics. In the curriculum, elective courses such as Sensor in Automation, Modernized IoT, Digital Marketing, Biomedical Signal Processing, Innovation and Entrepreneur, Logic Design and Computer Organization, Processor Architecture, Ubiquitous Computing, Internet of Things (IoT), Deep Learning, Project Management, Artificial Intelligence, Social computing, Blockchain Technology, Cyber security and Digital Forensics, Natural Language Processing, Business Intelligence have been added. To develop multidisciplinary approach Institute conducts various audit courses such as Ecology & Environment, Urbanization & Environment, Human Behavior, Enhancing Soft Skills and Personality, Developing soft skills and personality, Patent law for Engineers and Scientists, Technical English for Engineers, Team Building, Leadership and Personality development, German Language, Start-up and Ecosystem, English for research paper writing, Constitution of India, IPR, Emotional Intelligence and Botnet of Things etc.

16. Academic bank of credits (ABC):

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 conducted, 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 and the students details are conveyed to the university for further assessment.

17.Skill development:

Entrepreneurship Development Cell has organized the visit to Ergan Technovision Pvt. Ltd. to interact with the Entrepreneur. ED cell organized the interactive seminar on "Entrepreneurship Development" to encourage the concepts about entrepreneurship by explaining its benefits, importance and how it affects the GDP of our country. To encourage, inspire and nurture Innovation among young students by conducting sessions /workshop /success stories by Successful Entrepreneur, seminars were organized. Technical skills improvement is achieved through online courses , company specific training and internships. soft skill development is carried through capacity building programs and university specified courses offered at second year level.

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

Annual Social Gathering " Adwitiya 23" was celebrated on 29th April 2023, Ms. Gayatri Datar, renowned Marathi Actress was the chief guest. Speeches by special guests which proceeded by formal function program which included prize distribution event in which appreciation of students and staff members were done in the fields like Academics and sports. Students from various departments showcased their talents through a wide array of cultural performances. The event featured mesmerizing dance performances, melodious musical acts, poetry recitals etc. celebrating the richness of different cultures and languages. Opportunities are created for the students to showcase their talents by performing anchoring, dance, recite poems, songs in Marathi, Hindi and Guajarati. 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, "Vachan Prerana Din" on 15th October, and Hindi Bhasha Divas on 14th September. NSS residential camp is organized which helps students to interact with local resident villagers in their mother tongue, Marathi. Students are encouraged to enroll to NPTEL courses in their regional language for

better understanding.

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.

20.Distance education/online education:

Institute follows the guidelines of affiliating university, SPPU. All lectures and practical are conducted in offline (physical) mode as per the curriculum. Students are encouraged to enroll for the online courses through NPTEL, Coursera, UdeMy etc. Faculty members share their course material and assignments through online platform. Webinars are conducted for large number of participants. Course websites are prepared and used by faculty members for disseminating information to the students.

Extended Profile

1.Programme

| | |
|--|-----|
| 1.1 | 211 |
| Number of courses offered by the institution across all programs during the year | |

| File Description | Documents |
|------------------|---------------------------|
| Data Template | View File |

2.Student

| | |
|------------------------------------|-----|
| 2.1 | 254 |
| Number of students during the year | |

| File Description | Documents |
|---|---------------------------|
| Institutional Data in Prescribed Format | View File |

| | |
|---|----|
| 2.2 | 89 |
| Number of seats earmarked for reserved category as per GOI/ State | |

| Govt. rule during the year | | |
|---|---------------------------|--------|
| File Description | Documents | |
| Data Template | View File | |
| 2.3 | | 247 |
| Number of outgoing/ final year students during the year | | |
| File Description | Documents | |
| Data Template | View File | |
| 3.Academic | | |
| 3.1 | | 59 |
| Number of full time teachers during the year | | |
| File Description | Documents | |
| Data Template | View File | |
| 3.2 | | 59 |
| Number of sanctioned posts during the year | | |
| File Description | Documents | |
| Data Template | View File | |
| 4.Institution | | |
| 4.1 | | 14 |
| Total number of Classrooms and Seminar halls | | |
| 4.2 | | 425.60 |
| Total expenditure excluding salary during the year (INR in lakhs) | | |
| 4.3 | | 396 |
| 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

The organizational structure has functional decentralization which helps in effective curriculum delivery which is well planned and documented.

Planning

- Work load is calculated considering total instructional load according to the university course structure, cadre ratio and also based on subject choices given by faculty, their experience, course expertise etc.
- Institute Academic Calendar format is shared online to all the institute level coordinators well in advance to plan their respective activities to be executed during the semester. Also once prepared it is displayed on college notice boards, website and circulated to all.

Implementation

- Hybrid mode is adopted to disseminate the technical contents to the students. Faculty members prepare videos based on their laboratory practical, assignments, question banks are published on their respective course websites.
- Weekly review is taken by heads of department and necessary instructions are given.

Effectiveness

Mentor-mentee scheme and academic monitoring 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 | View File |
| Link for Additional information | http://coewpune.bharatividyaapeeth.edu/index.php/aqar-2022-2023#1-1-2 |

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 | View File |
| Link for Additional information | http://coewpune.bharativedyapeeth.edu/index.php/aqar-2022-2023#1-1-2 |

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

C. Any 2 of the above

| File Description | Documents |
|--|---------------------------|
| Details of participation of teachers in various bodies/activities provided as a response to the metric | View File |
| Any additional information | View File |

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 | View File |
| Minutes of relevant Academic Council/ BOS meetings | No File Uploaded |
| Institutional data in prescribed format (Data Template) | View File |

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)

80

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Brochure or any other document relating to Add on /Certificate programs | View File |
| List of Add on /Certificate programs (Data Template) | View File |

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

1292

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Details of the students enrolled in Subjects related to certificate/Add-on programs | View File |

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):

Communication, Leadership, Interpersonal skills, 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:

Gender sensitisation promotes healthy and respectful relationships between individuals of all genders. 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 Cyber security, Women health, International Women's Day, Nirbhaya kanya etc.

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 | View File |
| Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum. | View File |

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

11

| File Description | Documents |
|--|---------------------------|
| Any additional information | View File |
| 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 | View File |

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

377

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| List of programmes and number of students undertaking project work/field work/ /internships (Data Template) | View File |

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

| File Description | Documents |
|---|---|
| URL for stakeholder feedback report | http://coewpune.bharativedyapeeth.edu/media/pdf/naac2024/1-4-1_Feedback_Analysis_Action_taken_report_040324.pdf |
| Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management | View File |
| Any additional information | No File Uploaded |

| | |
|---|---|
| 1.4.2 - Feedback process of the Institution may be classified as follows | A. Feedback collected, analyzed and action taken and feedback available on website |
| File Description | Documents |
| Upload any additional information | No File Uploaded |
| URL for feedback report | http://coewpune.bharatividyaapeeth.edu/index.php/institute-feedback |
| 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 | |
| 254 | |
| File Description | Documents |
| Any additional information | View File |
| Institutional data in prescribed format | View File |
| 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 | |
| 126 | |
| File Description | Documents |
| Any additional information | View File |
| Number of seats filled against seats reserved (Data Template) | View File |
| 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 | View File |

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

| | |
|--------------------|--------------------|
| Number of Students | Number of Teachers |
| 1118 | 59 |

| File Description | Documents |
|----------------------------|---------------------------|
| Any additional information | View File |

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

Student Centric methods: To enrich the experimental learning experience of the students' hands on sessions were conducted. Teachers were encouraged to attend Faculty orientation programs, Faculty Development Programs, Workshops and Special Training Programs. Experimental learning- For better understanding of the course contents students were encouraged to use online MOOC platforms such as Octave, Matlab, Simulators and Virtual Labs of various NIT's and IIT's. Students were suggested to select their projects' problem statement based on the research papers from reputed resource. Experimental learning was achieved through practical sessions.

Participative learning and Problem Solving Methodologies - Students were instructed to publish their papers in the reputed journals and conferences. Mini projects and creative assignments were given to inculcate the problem solving methodologies.

Student centric learning: Peer to peer training, Capacity building Program, Mock viva, Group discussions, Training for aptitude tests, Seminars, College magazine etc. activities were conducted. Students and teachers avail the facility of NPTEL videos available in the central library for centric learning.

For exploring the problem solving methodologies time bound assignments were given. Teacher ensures the delivery of the lectures for attainment of expected learning outcomes. Based on the feedback, teachers adapt changes in the delivery of the lecture.

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |
| Link for additional information | Nil |

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

Teachers at the institute actively combine technology with conventional teaching methods to engage students in the learning process. The use of Information and Communication Technology (ICT) significantly enhances teaching and learning activities. The institute has implemented ICT initiatives to enrich students' learning experience:

1. Emphasis on utilizing ICT resources like Google Apps, web cameras, LCD projectors, wired internet, Wi-Fi, and powerpoint presentations in classrooms and laboratories.
2. Adoption of Google Classroom and Google Drive to provide course materials and conduct online feedback.
3. Organization of online seminars, webinars, lectures, and knowledge-sharing courses for students through platforms like Google Meet and Microsoft Teams.
4. Equipping the Seminar Room with digital facilities to host various events.
5. Promotion of digital learning via MOOC platforms like NPTEL and Coursera, with support from Digital Library resources (DEL NET) and National Digital Library of India (NDLI) as virtual repositories of learning resources.
6. Ensuring internet access in all classrooms, laboratories, and offices.
7. SMART Boards deployed in each classroom across all departments, to enhance active learning for students.
8. The institute has introduced the VMedulife portal to facilitate outcome-based education, enabling faculty to design learning outcomes, assessments, and rubrics. Moreover, it serves as an advanced enterprise resource planning system.

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Provide link for webpage describing the ICT enabled tools for effective teaching-learning process | View File |

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

54

| File Description | Documents |
|--|---------------------------|
| Upload, number of students enrolled and full time teachers on roll | View File |
| Circulars pertaining to assigning mentors to mentees | No File Uploaded |
| Mentor/mentee ratio | No File Uploaded |

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) | View File |
| Any additional information | View File |
| List of the faculty members authenticated by the Head of HEI | View File |

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

16

| File Description | Documents |
|--|---------------------------|
| Any additional information | View File |
| 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) | View File |

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

898

| File Description | Documents |
|--|---------------------------|
| Any additional information | No File Uploaded |
| List of Teachers including their PAN, designation, dept. and experience details(Data Template) | View File |

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.

Well planned academic calendar helps in making internal assessment transparent. This ensures the preparedness of students for all types of examinations prior to university examination, which includes internal and external examinations. The direct assessment tools such as unit tests, unit wise assignments, orals for some of the units in syllabus, midterm submission, and mock practical are used by the respective course teacher. The mode of assessment is offline. The Remedial actions are taken for the weak/ absent students, as mentioned in the academic calendar. Termwork marks evaluation process is transparent.

| File Description | Documents |
|---------------------------------|---------------------------|
| Any additional information | View File |
| Link for additional information | Nil |

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

Internal examinations such as unit tests, orals and mock practical are conducted as per institute's academic calendar. Internal examination related grievances can be directly addressed to the respective course teacher, also if required it can be discussed with GFM and HOD. In-semester examination for the respective course is executed strictly as per the university guidelines. 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. For improving performance of the student in internal examinations the remedial action plan is prepared and executed by the respective course teacher. Students are made well aware of the evaluation criteria, and can discuss their problems in students mentoring meetings.

| File Description | Documents |
|---------------------------------|---------------------------|
| Any additional information | View File |
| Link for additional information | Nil |

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, college ERP software.
- 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 the 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 files, laboratory manuals and College ERP software.

| File Description | Documents |
|---|---|
| Upload any additional information | No File Uploaded |
| Paste link for Additional information | http://coewpune.bharatividyaapeeth.edu/media/pdf/naac2024/2-6-1_010224.pdf |
| Upload COs for all Programmes (exemplars from Glossary) | View File |

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

The assessment of POs, PSOs, and COs is done using Direct and Indirect Assessment Methods:

- **Direct Assessment Method (80% weightage):** The direct assessment method is further classified into internal assessment (20% weightage) and external assessment (80% 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: 40% of students score more than target marks. Level 2: 50% of students score more than target marks. Level 3: 60% of students score more than target marks.

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

Thus the mapping of COs with POs and PSOs will result in % attainment of each POs and PSOs. The final attainment of PO's is the average of individual PO attainment values.

- **Indirect Assessment Method (20% weightage):** It includes the

views of stakeholders correlated to the PO and PSO attainment. This includes Exit survey, Alumni survey, Graduate exit, Internship feedback, Employer survey and Parent survey.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| 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

247

| File Description | Documents |
|--|---------------------------|
| Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template) | View File |
| Upload any additional information | View File |
| Paste link for the annual report | Nil |

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.bharativedyapeeth.edu/media/pdf/NAAC-Student Satisfaction Survey A.Y.22-23 260723.pdf](http://coewpune.bharativedyapeeth.edu/media/pdf/NAAC-Student%20Satisfaction%20Survey%20A.Y.22-23%20260723.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)

1

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| e-copies of the grant award letters for sponsored research projects /endowments | View File |
| List of endowments / projects with details of grants(Data Template) | View File |

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

0

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| Institutional data in prescribed format | View File |

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) | View File |
| Any additional information | No File Uploaded |
| Supporting document from Funding Agency | View File |
| Paste link to funding agency website | https://phd.digitalindiacorporation.in/achievement |

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 guidelines issued by MHRD Innovation Cell, AICTE and SPPU, institute has formed Institutes' Innovation Cell, Incubation and Startup Cell, Entrepreneurship Development Cell, Intellectual Property Rights Cell, Atal Ranking of Institutions on Innovation Achievements (ARIIA) and National Innovation and Startup Policy (NISP) and also, registered to all above mentioned cells. Single point of contact (SPOC) has appointed for innovation ecosystem. In-line with NISP MoE policy, institute has drafted institute NISP policy and is made available for all stakeholders on college website. Institute has registered for KAPILA, a scheme by MoE IC & AICTE to provide financial assistance to students and faculties of institutes who filed, published or granted patents. Institute has been participating in Atal Ranking of Institutions on Innovation Achievements (ARIIA) and National Innovation Ranking Framework (NIRF).

Concern Faculty In-charges of various cells are following guidelines and taking initiatives to conduct various activities to create innovation and startup ecosystem within Institute campus. To coordinate all activities of innovation ecosystem, Student Cell is formed at institute level. IIC cell conducted 3 activities, start-up cell conducted idea competition and EDC cell conducted poster presentation and national level project exhibition and competition by IETE student forum of E&TC dept. of our institute in association with IETE local center, Pune.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | http://coewpune.bharatividyaapeeth.edu/media/pdf/agar_2020-2021/Criteria-3/NISP_Cell_0605_22.pdf |

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

30

| File Description | Documents |
|--|---------------------------|
| Report of the event | View File |
| Any additional information | No File Uploaded |
| List of workshops/seminars during last 5 years (Data Template) | View File |

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

1

| File Description | Documents |
|--|---|
| URL to the research page on HEI website | http://coewpune.bharatividyaapeeth.edu/index.php/research |
| List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template) | View File |
| Any additional information | View File |

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

30

| File Description | Documents |
|--|---------------------------|
| Any additional information | View File |
| List of research papers by title, author, department, name and year of publication (Data Template) | View File |

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

26

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| List books and chapters edited volumes/ books published (Data Template) | View File |

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

Voting is a fundamental right of Indian citizen, it decides health of our democracy. With respect to above agenda, "Voter Awareness initiative" is conducted at Shriramnagar village during NSS Camp. Savitribai Phule Pune University (SPPU) organized 3 Days State level Workshop on Contribution of transgender in election process.

Azadi Ka Amrit Mahotsav is celebrated with many activities like "Har Ghar Tiranga", Swarajya Mahotsav, Yuva Sankalp Abhiyaan, Guinness Book of World Records by SPPU with Tiranga Selfies etc.

To enrich our life, we have to connect and contribute towards society. Helping our community is an opportunity for us to grow as a person, to better understand how we fit into the world around. Road Safety Awareness Rally, Durg Samvardhan, Cleanliness Drive and many initiatives are taken to contribution our small part.

A workshop of "Women Empowerment through Digital Literacy" is conducted in the Special Camp. Women should be more aware about Digital Literacy. Better access to information on internet leads to women making more informed choices in life.

To prevent addiction and mental stress among the youth, the Art of Living Foundation in association with the SPPU, Indian Council for Cultural Relations and Bharati Vidyapeeth organised the EduYouthMeet in Pune.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | http://coewpune.bharatividyaapeeth.edu/index.php/national-service-scheme#annual-reports |
| Upload any additional information | View File |

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**

13

| File Description | Documents |
|--|---------------------------|
| Any additional information | View File |
| Number of awards for extension activities in last 5 year (Data Template) | View File |
| e-copy of the award letters | View File |

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**

38

| File Description | Documents |
|--|---------------------------|
| Reports of the event organized | View File |
| Any additional information | View File |
| Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template) | View File |

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**

1118

| File Description | Documents |
|--|---------------------------|
| Report of the event | View File |
| Any additional information | View File |
| Number of students participating in extension activities with Govt. or NGO etc (Data Template) | View File |

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

448

| File Description | Documents |
|--|---------------------------|
| e-copies of related Document | View File |
| Any additional information | No File Uploaded |
| Details of Collaborative activities with institutions/industries for research, Faculty | View File |

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

11

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

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's campus spans ten acres and is environmentally friendly. The main building covers an area of 2024 square meters. It follows guidelines from AICTE and SPPU for technical institutions. The campus meets requirements for instructional, administrative, and circulation areas. Resources are shared among departments. A leased line connection ensures reliable Wi-Fi and internet access, meeting AICTE recommendations.

There are twelve classrooms for undergraduates and one for postgraduates, all equipped with smart boards and advanced ICT equipment. Twenty-eight laboratories are available, including 2 Computer Centers. They are equipped with computers, internet access, printers, scanners, and backup power.

The electronics lab uses state-of-the-art technology as per curriculum specifications. All computational equipment has modern hardware. The seminar hall is equipped with an LCD projector, speakers, and internet access.

The workshop is shared across departments. There is a central reprographic and scanning facility for administrative needs.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | http://coewpune.bharatividyaapeeth.edu/index.php/departments/department-of-engineering-sciences-and-allied-engineering |

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

During the academic year 2022-2023, the institute hosted two significant events: the "AVINYA" technical festival and the "ADWITIYA" annual social gathering. These events provided students with platforms to showcase their talents, including singing, dancing, and acting during "ADWITIYA," while "AVINYA" offered competitions in coding, robot race, and hackathon, among others. Outstanding students were duly recognized for their achievements during the awards ceremony.

Furthermore, the campus boasts a range of facilities aimed at promoting holistic development among students. These include indoor and outdoor sports facilities, a fully-equipped gymnasium, yoga sessions, and a spacious playground. A dedicated week of sports events is organized annually.

The playground serves as the venue for intercollegiate tournaments and various sports activities, fostering a spirit of healthy competition among students. Additionally, students actively engage in contests organized by the Zonal Sports Committee and the Board of Sports & Physical Education Committee at SPPU.

The institute's Gymkhana section underscores the importance of physical well-being by providing comprehensive sports facilities, including a 16-station multi-gym for regular exercise sessions. Through these initiatives, the institute endeavours to create a conducive environment for students to excel not only academically but also in sports and extracurricular activities, thereby nurturing well-rounded individuals.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | http://coewpune.bharatividyaapeeth.edu/media/pdf/Department_Of_Gymkhana_221123.pdf |

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

14

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Paste link for additional information | Nil |
| Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template) | View File |

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)**

425.60

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Upload audited utilization statements | View File |
| Upload Details of budget allocation, excluding salary during the year (Data Template) | View File |

4.2 - Library as a Learning Resource

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

The library operates on an Integrated Library Management System (ILMS), specifically using the Soul 3.0 software, since the academic year 2012-13. This software facilitates efficient book searches based on criteria such as the author's surname, name, title, ISBN, accession number, and publisher name.

With a spacious area of 408 square meters, the library offers a conducive environment for study and research. Its reading hall accommodates up to 200 students comfortably.

To meet the requirements of both AICTE standards and university syllabi, the library maintains an ample collection of reference books, textbooks, and national journals. Additionally, it caters to diverse reading interests by providing various literary works, biographies, and daily newspapers in both English and Marathi languages.

Furthermore, the library offers access to electronic resources such as NTPL, DELNET, and e-books from reputable publishers like McGraw Hill and Pearson Education. This ensures that students have access to a wide range of academic materials to support their learning and research endeavors.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for Additional Information | http://coewpune.bharativedyapeeth.edu/media/pdf/Website_Library_Data_2021_131222.pdf |

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 | View File |
| Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template) | View File |

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)

1.73609

| File Description | Documents |
|--|---------------------------|
| Any additional information | View File |
| Audited statements of accounts | View File |
| Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template) | View File |

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

36

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Details of library usage by teachers and students | View File |

4.3 - IT Infrastructure

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

The Institute rigorously adheres to the directives established by the Statutory Regulatory Authority, namely AICTE, in conjunction with the esteemed affiliating institution, Savitribai Phule Pune University for the upkeep of IT infrastructure. It consists of Servers, Computers, Printers, Scanners, Local Area Network (LAN), Internet access, Wi-Fi capabilities, and Licensed Software.

This year, the institute has purchased VMedulife ERP and Superset - Tnpsuite [Enterprise] software for faculty and student purposes.

The Institute has three dedicated servers for the purpose of online examinations, the generation of Wi-Fi one-time passwords and the management of a Proxy server.

The Institute bought 60 computing systems in the existing 396 computers and four smart boards in 4 classrooms.

The institute has dot matrix, LaserJet, All-in-One, and inkjet printing facilities. This year institute has purchased a Multifunctional Printer and two advanced Xerox machines to streamline the examination process.

Document digitization is met through the deployment of six flatbed scanners with a dedicated Web OPAC Scanner within the library for efficient book barcode scanning.

The Institute provides 155 Mbps Internet, through a leased-line wired connection. The institute has Wi-Fi coverage throughout the Institute's campus along with 2 Wi-Fi access points in the classrooms.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | http://coewpune.bharativedyapeeth.edu/media/pdf/4-3-1_Additional_Information_280224.pdf |

4.3.2 - Number of Computers

396

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |
| List of Computers | View File |

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

| File Description | Documents |
|--|---------------------------|
| Upload any additional Information | View File |
| Details of available bandwidth of internet connection in the Institution | View File |

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)

151.00

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Audited statements of accounts | View File |
| Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates) | View File |

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 well-defined policies in place to ensure the upkeep of its buildings, resources, and services. Its physical facilities comprise various rooms like classrooms, seminar halls, tutorial rooms, girls' common rooms, Gymkhana, and NSS rooms. Cleaning duties for these spaces are carried out by daily wage workers employed by the Housekeeping Department.

Academic facilities entail the maintenance of laboratories, computers, Wi-Fi, and the library. Laboratory upkeep is overseen by laboratory assistants who maintain equipment records in deadstock registers. Computers and peripherals are regularly checked for issues by laboratory assistants, with maintenance performed, as necessary. Consumables are replenished as needed.

Maintenance of the Wi-Fi facility, including access points, routers, and controllers, falls under the purview of the institute's technical support engineer. The institute also has Annual Maintenance Contracts (AMCs) in place for its systems and software.

Library operations involve a combination of manual and software-based (SOUL 3.0) procedures for book issuance and returns. Support facilities encompass a wide range of services, including photocopy machines, the sports complex, fire extinguishers, water purifiers, plumbing, electrical maintenance, and civil maintenance. These maintenance activities are managed through AMCs.

Recently, the institute conducted an energy audit of its campus, reflecting its commitment to sustainability and efficient resource management.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| 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

892

| File Description | Documents |
|--|---------------------------|
| Upload self attested letter with the list of students sanctioned scholarship | View File |
| Upload any additional information | View File |
| Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template) | View File |

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

113

| File Description | Documents |
|--|---------------------------|
| Upload any additional information | View File |
| Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template) | View File |

| 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 | | | | | | | | |
|---|---|-----------|-------------------------------|---|--|---------------------------|---|---------------------------|--|
| <table border="1"> <thead> <tr> <th data-bbox="76 434 550 506">File Description</th> <th data-bbox="555 434 1490 506">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="76 512 550 656">Link to Institutional website</td> <td data-bbox="555 512 1490 656">http://coewpune.bharativedyapeeth.edu/media/pdf/5-1-3_AOAR_2022_23_230224.pdf</td> </tr> <tr> <td data-bbox="76 663 550 723">Any additional information</td> <td data-bbox="555 663 1490 723">View File</td> </tr> <tr> <td data-bbox="76 730 550 869">Details of capability building and skills enhancement initiatives (Data Template)</td> <td data-bbox="555 730 1490 869">View File</td> </tr> </tbody> </table> | File Description | Documents | Link to Institutional website | http://coewpune.bharativedyapeeth.edu/media/pdf/5-1-3_AOAR_2022_23_230224.pdf | Any additional information | View File | Details of capability building and skills enhancement initiatives (Data Template) | View File | |
| File Description | Documents | | | | | | | | |
| Link to Institutional website | http://coewpune.bharativedyapeeth.edu/media/pdf/5-1-3_AOAR_2022_23_230224.pdf | | | | | | | | |
| Any additional information | View File | | | | | | | | |
| Details of capability building and skills enhancement initiatives (Data Template) | View File | | | | | | | | |
| 5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year | | | | | | | | | |
| 807 | | | | | | | | | |
| 5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year | | | | | | | | | |
| 807 | | | | | | | | | |
| <table border="1"> <thead> <tr> <th data-bbox="76 1247 550 1319">File Description</th> <th data-bbox="555 1247 1490 1319">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="76 1326 550 1386">Any additional information</td> <td data-bbox="555 1326 1490 1386">View File</td> </tr> <tr> <td data-bbox="76 1393 550 1592">Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)</td> <td data-bbox="555 1393 1490 1592">View File</td> </tr> </tbody> </table> | File Description | Documents | Any additional information | View File | Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template) | View File | | | |
| File Description | Documents | | | | | | | | |
| Any additional information | View File | | | | | | | | |
| Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template) | View File | | | | | | | | |
| 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 | View File |
| Upload any additional information | View File |
| Details of student grievances including sexual harassment and ragging cases | View File |

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

153

| File Description | Documents |
|--|---------------------------|
| Self-attested list of students placed | View File |
| Upload any additional information | No File Uploaded |
| Details of student placement during the year (Data Template) | View File |

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

11

| File Description | Documents |
|--|---------------------------|
| Upload supporting data for student/alumni | View File |
| Any additional information | View File |
| Details of student progression to higher education | View File |

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

25

| File Description | Documents |
|--|---------------------------|
| Upload supporting data for the same | View File |
| Any additional information | View File |
| Number of students qualifying in state/ national/ international level examinations during the year (Data Template) | View File |

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.**

06

| File Description | Documents |
|--|---------------------------|
| e-copies of award letters and certificates | View File |
| 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) | View File |

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)

Various activities conducted under Student Development Section during Academic year 2022-2023 are as follows: International Yoga day celebration on 21st June 2022. Workshop on Electric Vehicles for

Smart Cities on 12th July 2022. Tree Plantation, Swatantryacha Amrut Mahotsav, Har Ghar Tiranga activity and Amali Padarth Virodhi Pratidnya on 12th Aug.2022. Samuhik Rashtrageet Gaan activity held on 17th Aug. 2022. Gandhi Jayanti Cleanliness Drive held on 3rd Oct.2022. Wachan prerana Din activity held on 15th Oct.2022. Rashtriya Ekata Diwas conducted on 31st Oct.2022. Alpasankhyanka Hakka Din organized on 31st Oct.2022. Matdar Din activity on 25th Nov. 2022. Lokshahi Pandharawada Celebrated during 26th January 2023 to 10th Feb.2023. Seminar On Nirbhaya Kanya was conducted on 28th Feb.2023. Seminar On Women Health was conducted on 17th Feb.2023. Seminar On Cyber Security organized on 15th Feb. 2023. Marathi Bhasha Gaurav Din activity conducted on 27th Feb. 2023. Workshop on Green Electric Power Generation was conducted on 3rd and 4th March 2023. G20 Antargat 3rd Energy Transition Working Group Upakram held on 16th May 2023. Student volunteers organize various events and activities in coordination with faculty members. Students are members of various committees at the institute level.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | http://coewpune.bharativedyapeeth.edu/media/pdf/SDO_2022-23_010224.pdf |
| Upload any additional information | View File |

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

50

| File Description | Documents |
|---|---------------------------|
| Report of the event | View File |
| 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) | View File |

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 officially registered its alumni association with the Pune, Maharashtra charity commissioner's office under Registration No. Maha/1403/2017/Pune, dated October 6, 2017. The alumni association's mission is to strengthen links between former students, the institute and the current students. Because alumni are an important stakeholder in the institute, the organization attempts to maintain a connection between them and the institution. The alumni engage in activities including offering seminars and the topics are selected in such a way that it will be beneficial for them in coming professional years. This year too, we have organized different seminars and the topics were selected in such a way that the students would surely benefit. The topics include Placement and Interview Guidance, Career guidance, Java tools in industry, Website development using wordpress etc. Indeed, Alumni when remain engaged with their alma mater through alumni activities, it can have significant positive impacts on both the institute and the alumni themselves. Students definitely benefit from such kind of seminars as they acquire insights into real world experience and get inspiration and motivation hearing success stories from alumni themselves and also get confidence when they admire alumni in front of them.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | http://coewpune.bharatividyaapeeth.edu/index.php/alumni-association |
| Upload any additional information | View File |

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

E. <1Lakhs

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |

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. Two Vice-Principals have been appointed to look after administrative and academic activities under the guidance of the Principal. 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 and Vice-Principals 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 | http://coewpune.bharativedyapeeth.edu/media/pdf/6-1-1-1_Vision_and_mission_of_College_and_dept_250224.pdf |
| Upload any additional information | View File |

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

Institute believes that decentralization will create the ownership among teaching and administrative staff. It helps involvement of each member of the institute and assign authority to representatives for decision making.

To ensure effective participation, various committees have been

formed in the Institute. Each activity has been assigned a coordinator whose roles and responsibilities are defined in advance. The coordinator conducts meetings and takes necessary actions if any issue occurs. 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.

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, counselors, campus police team etc.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | http://coewpune.bharatividyaapeeth.edu/media/pdf/6-1-2_List_of_Committee_250224.pdf |
| Upload any additional information | View File |

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Curriculum Development

Faculty from each department is actively involved in curriculum development by submitting course feedback and participating in affiliating university course revisions and faculty orientation workshops.

Teaching and Learning

Teaching plan and assessment records are generated through ERP software. Faculty ensures preparedness for the new 2019 course introduced. Hybrid mode is used in teaching learning process.

Examination Evaluation

University has introduced a new syllabus for fourth-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. Incentives are given to the faculty members for Research Paper publications in the reputed resources like Scopus. FDP's are organized for the faculty members. Faculty members were encouraged to apply and 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, 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. From this year Institute has deployed SMART Board facility in each classroom of all departments to enhance active learning of the students.

Physical Infrastructure

Institute has Internet leased line connection of 155 MBPS. 4 classrooms are equipped with smart boards and remaining 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 | View File |
| Paste link for additional information | http://coewpune.bharativedyapeeth.edu/media/pdf/6-2-1_The_institutional_Strategic_perspective_plan_250224.pdf |
| 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 College Development Committee (CDC) (as per the new Maharashtra University Act. 2016).

Internal Complaint Committee is constituted to address and resolve complaints of sexual harassment in the workplace. The Internal Complaint Committee resolves complaints of sexual harassment made by employees of the organization.

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, 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 | http://coewpune.bharatividyaapeeth.edu/media/pdf/Organizational_Structure_080224.pdf |
| Upload any additional information | View File |

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 | View File |
| Screen shots of user inter faces | View File |
| Any additional information | No File Uploaded |
| Details of implementation of e-governance in areas of operation, Administration etc(Data Template) | View File |

6.3 - Faculty Empowerment Strategies

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

Institutional welfare schemes play a crucial role in fostering a supportive and inclusive environment for its members. These initiatives are designed to enhance the well-being of individuals associated with the institution, addressing various aspects of their lives. Common welfare schemes encompass financial assistance, healthcare benefits, educational support, and professional development opportunities. Financial aid programs aim to alleviate economic burdens, ensuring that individuals can focus on their academic or professional pursuits without undue financial stress.

There are following welfare measures for Teaching and Non-Teaching Staff. Bharati Vidyapeeth Health Scheme (B.V.H.S.), Sevak Kalyan Nidhi, Study Leave, Medical Leaves, Maternity Leave, Provident Fund, Pension Scheme, Gratuity, Welfare of the employees and their family members by providing concession in fees for education of employees

children, Monetary help for medical purposes, Gymnasium facility, institution provides financial support to participate in sports. Educational support may involve scholarships, mentorship programs, and resources to facilitate academic success. Additionally, institutions may offer professional development initiatives such as workshops and training sessions to enhance the skills and employability of their members. These welfare schemes collectively contribute to creating a nurturing and cooperative environment within the institution.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Paste link for additional information | Nil |
| Upload any additional information | View File |

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

16

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template) | View File |

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). | View File |
| Reports of Academic Staff College or similar centers | No File Uploaded |
| Upload any additional information | View File |
| Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template) | View File |

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

52

| File Description | Documents |
|---|---------------------------|
| IQAC report summary | View File |
| Reports of the Human Resource Development Centres (UGCASC or other relevant centers) | View File |
| Upload any additional information | View File |
| Details of teachers attending professional development programmes during the year (Data Template) | View File |

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

Performance appraisal provides a periodic review and evaluation of individual staff performance. It is a systematic procedure to achieve the individual and institute goals.

The appraisal forms are filled and submitted once in a year by offline and twice in a year by online mode. Appraisal provides a

common and unified measure of performance, so that all staff are evaluated in the uniform manner. Self Appraisal provides teaching engagement, teaching methodology, innovative ideas. It provides contribution in research area, contribution for college, community and corporate. It also measures special achievements, difficulties faced and suggestions for improvement. It is verified at the department level by Head of the department (HOD). Performance appraisal gives us a complete information in the form of records. It provides Evaluation of individual staff by the Head of Department in planning, control, working methodology, actively contribution for college in different activities. Performance appraisal helpsto analyse staff and to implement policies for the department. Confidential Report provides ability of team work, teaching and participation in extracurricular activities. It is a overall evaluation of staff by Head of the department. Head of the department forwards confidential report with remark for the further verification and approval of Principal and management.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | http://10.16.10.162:94/ |
| Upload any additional information | View File |

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 | http://coewpune.bharatividyaapeeth.edu/media/pdf/6-4-2 Annual statements of accounts 2502 24.pdf |
| Upload any additional information | View File |

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 | View File |
| Any additional information | No File Uploaded |
| Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template) | View File |

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

Mobilizations of funds: 1. To conduct Induction, Orientation Programs for the students, seminars, workshops, FDPs, training programs that ensure quality education. 2. Adequate funds are utilised for development and maintenance of infrastructure of the institute towards upkeep of the fixed assets, repairs & maintenance of classrooms, laboratories and administrative areas etc. 3. Funds are also allocated towards security, AMC charges, etc. for regular upgrading of the campus. 4. To conduct student activities like technical festivals, technical competitions, cultural activities, art events, seminars, workshops, placements, study notes and study material printing etc. 5. University expenditure towards Registration fees, Examination fees, etc. 6. Funds are allocated to encourage research and development activities and for enhancing library facilities like subscriptions to e-Books/ Journals/ Periodicals/ Magazines.

Fund's utilisation strategies: According to financial requirements

of each department, budget amount will be allocated annually, such a budget will be discussed and monitoring the establishment of the infrastructure, purchase of equipment for various labs, educational technology aids is done. An independent committee is constituted to take care of additional constructional work. Periodic monitoring related to the utilisation of the funds allocated to the departments is done. Ensure optimal utilisation of the resources according to the plan.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | http://coewpune.bharatividyaapeeth.edu/media/pdf/6-4-3_Budget_copy_250224.pdf |
| Upload any additional information | View File |

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

Administrative procedures are governed, carried out, and evaluated timely. Experimental setups are planned and completed. The department level routines include session plans in ERP, generating course files through ERP, maintaining personal files, and holding monthly meetings of all course mentors and GFMs. The lab attendance registers and lab manuals are promptly updated. Periodically, equipment maintenance is carried out. The faculty, course, alumni feedback, employer's feedback and student satisfaction surveys, which are part of a central feedback system are developed through ERP.

A list of monthly defaulters is prepared, and mentoring sessions for students are held. Through a well-planned academic calendar all activities at the student level are carried out by the SDO, NSS coordinator, GFMs, staff in charge of student associations, art circle incharge and student mentors.

The internal evaluation is carried out for the internships, project seminars, the major projects, the learning outcomes assessment, CO-PO mapping, and attainments. After every exam, slow and advanced students are determined.

As a need of time various trainings are planned and executed through institute training and placement cell. To reach to the alumni students central alumni committee exercises various events such as,

seminars and training by alumni, alumni meet etc. Industry institute interaction cells maintains a record of students going for internships centrally which includes internships through MoUs. IQAC members have significantly contributed in planning strategies and processes related to quantitative data submission.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | http://coewpune.bharatividyaapeeth.edu/index.php/committees/internal-quality-assurance-committee-igac |
| Upload any additional information | View File |

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

- ERP software incorporated in both academic and administrative processes.
- Organized National level Technical event.
- Motivating students for getting quality internships.
- Environmental and Green audit conducted by external agency for A. Y. 2022-23.
- Activity conduction under Institute Innovation Cell.
- 3 Days workshop organized for administrative/ nonteaching staff.
- Extensive ESD program of 430+ hours training was conducted for 243 students.
- Students registration under various courses offered by AWS Academy
- "Womens Pakhwada" an initiative by central government was celebrated during the Nov- Dec 2022
- "NEP2020" Faculty Awareness sessions organized.
- During the academic year Participation of teaching staff in various events such as WS/FDP/FOP/STTP: 176

- Participation of faculty in Seminars/Training and Online Webinars: 10
- Participation in Conferences: 12
- NPTEL Courses enrolment: semester 1: staff: 13, student: 362, semester 2: staff:33, student:445
- NPTEL course successfully completed: 1 with Elite-silver certificate

| File Description | Documents |
|---------------------------------------|---------------------------|
| Paste link for additional information | Nil |
| Upload any additional information | View File |

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)

A. All of the above

| File Description | Documents |
|--|---|
| Paste web link of Annual reports of Institution | http://coewpune.bharatividyaapeeth.edu/media/pdf/Annual Report 2022-23 250224.pdf |
| Upload e-copies of the accreditations and certifications | View File |
| Upload any additional information | View File |
| Upload details of Quality assurance initiatives of the institution (Data Template) | View File |

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

The institute being a women's college, the administration is very concerned regarding the security and safety of the students. For the institute building, a separate security guard has been designated, 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. The fire extinguisher comes with instructions on how to use it. Staff counselors are allotted in batches to ensure that each student receives warm, supportive counseling that fosters a sense of belonging and tender care. The institute hosts a number of workshops to address the challenges surrounding gender sensitivity. The institute provides basic medical assistance in the common room which is very important for students. Four hospitals are also located in the campus. The students' physical and mental health difficulties are properly attended to by a medical professional from Bharati Vidyapeeth's Hospitals. A facility of day care center for the staff children is provided in the campus. To handle allegations of sexual harassment against students or staff, an Internal Complaint Committee (ICC) is established.

| File Description | Documents |
|--|---|
| Annual gender sensitization action plan | http://coewpune.bharatividyaapeeth.edu/media/pdf/7-1-1_Gender_sensitisation_action_plan_131023.pdf |
| 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 | http://coewpune.bharatividyaapeeth.edu/media/pdf/7-1-1_photos_131023.pdf |

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

B. Any 3 of the above

| File Description | Documents |
|--------------------------------|---------------------------|
| Geo tagged Photographs | View File |
| Any other relevant information | View File |

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

1. **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 m³/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.
2. **WASTE RECYCLING SYSTEM:** Sludge generated from the Sewage Treatment Plant (STP) is dewatered and used for landscape, manure and gardening purpose .
3. **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.
4. **E-waste MANAGEMENT :** Collection of E waste done periodically.

| File Description | Documents |
|---|---------------------------|
| Relevant documents like agreements / MoUs with Government and other approved agencies | View File |
| Geo tagged photographs of the facilities | View File |

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 | View File |
| Any other relevant information | View File |

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 vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

A. Any 4 or All of the above

| File Description | Documents |
|--|---------------------------|
| Geo tagged photos / videos of the facilities | View File |
| Various policy documents / decisions circulated for implementation | View File |
| Any other relevant documents | View File |

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

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

A. Any 4 or all of the above

| File Description | Documents |
|---|---------------------------|
| Reports on environment and energy audits submitted by the auditing agency | View File |
| Certification by the auditing agency | View File |
| Certificates of the awards received | View File |
| Any other relevant information | View File |

| | |
|--|-------------------------------------|
| <p>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 of reading material, screen reading</p> | <p>C. Any 2 of the above</p> |
|--|-------------------------------------|

| File Description | Documents |
|--|---------------------------|
| Geo tagged photographs / videos of the facilities | View File |
| Policy documents and information brochures on the support to be provided | View File |
| Details of the Software procured for providing the assistance | No File Uploaded |
| Any other relevant information | No File Uploaded |

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).

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.

The Institute assures awareness to these events and encourages students to participate fully. Undergraduate and postgraduate programs, in collaboration with various Student Associations at various levels, invite well-known people from many professions to give sessions for these events.

Faculty members motivate and encourage students both in and out of class. Students, faculty members and non-teaching staff are required to comply with the code of conduct that the institute has established and published. The institute's code of conduct handbook is also available on the institute's website.

The Institute celebrates cultural and regional festivals, as well as national days like as Guru Purnima Celebration, Shiv Jayanti Celebration, Women's Day Celebration, International Yoga day, Marathi Bhasha Gaurav Din, Gandhi Jayanti Cleanliness Drive, Rashtriya Ekata Diwas, Garba Best Dressup Competition, Singing and Stand-up Comedy, and Dancing Competition, Fashion Show Competition etc.

| File Description | Documents |
|--|---------------------------|
| Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution) | View File |
| Any other relevant information | View File |

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

To inculcate values of being responsible citizens different activities to increase awareness are conducted for employees and students. The institute emphasizes on sensitizing students to become mature and responsible citizens of India. The institute has constituted an Internal Complaint Committee (ICC) to promote and address issues related to women's rights and abuses against them in society. The ICC engages in a variety of initiatives to achieve this goal. The Library Committee makes sure that topper students receive books from the book bank. Through the National Service Scheme (NSS) and Student Development Cell (SDC) various programs like Rashtriya Ekata Diwas and Samuhik Rashtrageet Gaan: Swarajya Saptaha are conducted. Thus these platforms help to nurture students mental, physical and cultural growth to improve their overall personality and make them civilized. Indian citizens ready to compete in the globalized world. As per the revised curriculum guidelines of SPPU

for 2019 courses 2 credit are introduced for UG and PG students named Democracy, Election and Governance and introduction to constitution in Academic year 2021-22. Student development Cell observed Lokshahi Padharawada Celebration from January 26 to February 10, 2023, to instill a sense of responsibility into students and staff. NSS and SDC activities contribute to well-rounded education beyond academic focusing on community service, social responsibility and personality development among students and staff.

| File Description | Documents |
|--|---|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | http://coewpune.bharatividyaapeeth.edu/media/pdf/updated_report_7-1-9_131023.pdf |
| Any other relevant information | http://coewpune.bharatividyaapeeth.edu/media/pdf/7-1-9_Democracy_election_and_governanace_and_Constitution_131023.pdf |

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 | View File |
| 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 | View File |
| Any other relevant information | View File |

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 Independence Day, Republic Day, Women's Day Celebration, Rashtriya Ekata Diwas, Children's Day, Matdar Din, Foundation Day and International Yoga Day, Har Ghar Tiranga, Teacher's Day, Engineer's Day etc. In addition, various other activities like Shiv Jayanti Celebration, Cleanliness Drive, Tree Plantation were celebrated.

The institute ensures that formal notices and circulars are disseminated to staff members, students, and relevant departments, facilitating the successful planning and execution of these events. Every year, institute actively participates in the celebration of Bharati Vidyapeeth's Foundation Day on 26th April and 10th May. Independence Day on 15th August and Republic Day on 26th January are celebrated with a great enthusiasm, aiming to in still a deep sense of respect for the National Flag and the National Anthem. These events witness student's active engagement and participation.

| File Description | Documents |
|---|---------------------------|
| Annual report of the celebrations and commemorative events for the last (During the year) | View File |
| Geo tagged photographs of some of the events | View File |
| Any other relevant information | View File |

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. Support peer-to-peer learning.
2. Prospering 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:

Due to the scholastic schedule's extreme brevity, taking content beyond the syllabus is challenging.

Best Practice 2. 2

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

Objectives:

1. To enrich technical, soft skills and professional aptitude.
2. To attain adequate placement ratio.

Best Practice 2. 2

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

Objectives:

1. To enrich technical, soft skills and professional aptitude.
2. To attain adequate placement ratio.

Please Note:The details of the best practice 2 are provided in the weblink due to word count limit.

| File Description | Documents |
|---|---|
| Best practices in the Institutional website | http://coewpune.bharativedyapeeth.edu/media/pdf/7-1-2_Best_Practices_221123.pdf |
| Any other relevant information | http://coewpune.bharativedyapeeth.edu/media/pdf/naac2024/7-2_Link_for_AOAR_22-23_040324.pdf |

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

The institute is deeply committed to the holistic empowerment of women. Here are some key initiatives:

1. A robust employability skill development program has been implemented, resulting in a significant number of offer letters and placements in reputed companies.
2. Capacity building programs are conducted to enhance communication skills, technical proficiency, and foster creativity, particularly among students who may need additional support.
3. The institute takes active participation of NSS student volunteers in State Republic Day and National Republic Day Parades, earning accolades at various levels.

4. The institute's annual magazine, "Oyster," has been honored with the Best Magazine award from SPPU thrice, while an e-newsletter keeps stakeholders informed about institute developments.

5. Emphasis on physical and mental well-being through gymnasium facilities and life skill practices has led to consistent victories in sports events at Intercollegiate, West Zone Inter university, District levels.

6. A significant proportion of students benefit from both government and private scholarships.

7. The management of the institute motivate the faculty to publish their research work in the Scopus indexed journals by introducing Incentive Scheme for Publication in different quartile of Scopus indexed journals such as: Q1 Rs.10000/-, Q2 Rs. 7500/-, Q3 Rs. 5000/- and Q4 Rs. 2500/-.

| File Description | Documents |
|--|---------------------------|
| Appropriate web in the Institutional website | View File |
| Any other relevant information | View File |

7.3.2 - Plan of action for the next academic year

- Considering growing demand in the field of Computer Engineering, the institute is planning for applying increase in intake for Computer Engineering UG Programme from currently being 60 to 120.
- Institute has active NSS unit- conducting various activities for holistic development of students, hence due to growing demand from students to enroll for NSS, Institute will apply for additional 50 intake into existing NSS unit currently being 200 to 250.
- Due to locational advantage the Institute is serving as exam centre for various examinations such as UPSC & MPSC and will continue the same in future.
- Institute is serving as Facilitation Centre for Centralized Admission Process (CAP) governed by DTE for First Year, Second Year and PG Programme of E&TC and will continue the same in future.
- The institute is going to apply for NAAC cycle 2 in the next Academic Year 2023-24.