YEARLY STATUS REPORT - 2023-2024

Part A
Data of the Institution

1.Name of the Institution	ABMSP'S ANANTRAO PAWAR COLLEGE OF ENGINEERING AND RESEARCH
• Name of the Head of the institution	Prof. Sunil Bhimrao Thakare
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02024218959
• Mobile no	9923217056
• Registered e-mail	prof_sbthakare@rediffmail.com
• Alternate e-mail	sunil.thakare@abmspcoerpune.org
• Address	S. No. 103, Shahu College Road, Parvati, Pune - 411009.
• City/Town	Pune
• State/UT	Maharashtra
• Pin Code	411009
2.Institutional status	
• Affiliated /Constituent	AICTE/SPPU
• Type of Institution	Co-education
• Location	Urban

• Financial Status	**Self-financing**	
• Name of the Affiliating University	**Savirtibai Phule Pune University**	
• Name of the IQAC Coordinator	**Prof. Ganesh Eknath Kondhalkar**	
• Phone No.	**9822676607**	
• Alternate phone No.	**9822676607**	
• Mobile	**9822676607**	
• IQAC e-mail address	**iqac@abmspcoerpune.org**	
• Alternate Email address	**naac@abmspcoerpune.org**	
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.abmspcoerpune.org	
4.Whether Academic Calendar prepared during the year?	**Yes**	
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.abmspcoerpune.org/Academic_Calender.aspx	

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	**A**	**3.11**	**2024**	**10/04/2024**	**09/04/2029**

6.Date of Establishment of IQAC	**03/08/2017**

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
Faculty	**ASPIRE SPPU**	**Savitribai Phule Pune University**	**2023-2024**	**11,06,000**
Institutional	**MAHA DBT**	**Government of Maharashtra**	**2023-2024**	**3,27,61,161**

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

NAAC guidelines		
• Upload latest notification of formation of IQAC	**View File**	
9.No. of IQAC meetings held during the year	**2**	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	**Yes**	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**	
• If yes, mention the amount		

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

1. IQAC of Anantrao Pawar College of Engineering and Research has been actively involved in maintaining quality within the institution through Participation of various University/State/ National level activities and Academic & Administrative Audits of all departments of Institution and its Follow up action. 2. Feedback from stakeholders and its Analysis to improve Teaching Learning process. 3. Collaborative interactions with industries through industrial projects, industrial visits in plant trainings and internships. Publishing Students innovative research ideas in reputed journals. 4. Value added courses Pre-placement training programs were conducted to enhance the level of placement. 5. Focus on Leading technology domains and involvement in research among students.

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
To apply for Funding from SPPU for Faculty research project	Four faculties from institute have received research grant with funding of Rs. 11, 06, 000/- from SPPU for their research project under ASPIRE 2020 Scheme.
To complete Academic and Administrative Audits	Assessing Teaching learning process based on curriculum planning and to meet learning objectives. This helps in enhancing the quality Education
To apply for NBA accreditation of the Eligible Departments	Mechanical and Civil Engineering Department completed NBA audit on 18th to 20th Oct. 2024
To conduct Student Induction Programme for First year Students	Students induction programme for first year students was conducted, which helps the students to get acclimated with campus life, curriculum and administrative procedures
To Conduct training programs for Students and Faculty members	Conducted Students and Faculty training programs through Eduskill
To increase entrepreneurship and skill development activities for students.	Activities in association with ED cell and IIC were executed
To increase entrepreneurship and skill development activities for students.	Activities in association with ED cell and IIC were executed

13.Whether the AQAR was placed before statutory body?	No

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2022-2023	15/02/2024

15.Multidisciplinary / interdisciplinary

Curriculum provides choice based credit system. It helps in ensuring holistic academic growth of students. Students can opt for the interdisciplinary open elective subjects, audit courses and honours courses. Systematic measures are taken to inculcate multidisciplinary or interdisciplinary culture among students. They are encouraged to formulate teams from different disciplines while participating in various technical as well as nontechnical events like Hackathon, TIFAN etc.

16.Academic bank of credits (ABC):

ABCs are digital repositories of student credits that can be transferred between institutions. This will allow students to move more easily between different institutions and programs. All the students of the institute are registered for ABCs and will be implemented by SPPU.

17.Skill development:

To enhance employability of the students', institute takes efforts to bridge the gap between curriculum and industry requirements. The Institute not only ensures that 100% syllabus is taught to students but also lays emphasis on delivering content beyond syllabus. In addition, seminars/workshops,/industry/field visits/industry talk, add on courses, hands on training, projects and internships under the MoUs signed with leading industries to help students know the current trends/practices in industry. Institute takes initiatives in capacity building and skills enhancement such as soft skills/language and communication skills/life skills and ICT/computing skills to achieve holistic development of the students and inculcate professionalism.

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

Institute has started various clubs such as Sport Club, Literary Club, Film Club to create awareness about Indian language/culture/history/literature etc. The institute organizes Sparktech -Tech fest and cultural events every year. Students also participate in state level drama competition like "Purushottam

Karandak". The departments also organize various co/extracurricular activities to provide a platform to identify the talents of new entrants. Apart from technical internal examination, credits are given to students for their participation and achievements in technical/nontechnical/cultural/sports activities as per SPPU curriculum. To celebrate multilingualism and cultural diversity as well as to promote equal use of all national languages, Marathi Diwas and Hindi Bhasha Diwas are celebrated. The aim of this celebration is to make students aware about the history/culture and achievements associated with the language.

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

The Institution has adopted outcome based education in all respects with clearly stated Program Outcome (PO), Program Specific Outcomes (PSO) and Course Outcomes (CO). All courses are framed by giving due consideration to the cognitive ability. Institute has well defined policy to calculate attainment of COs and POs. Learning outcomes are defined for every Course and appropriate assessment tools are used to calculate the attainments.

20.Distance education/online education:

Infrastructural facilities at the institution are capable of supporting online teaching. The online platforms are extensively being used for engaging classes as well as for conducting workshops and webinars. Virtual laboratories are being used for conducting online practical sessions. Students are encouraged to complete certification of online courses through NPTEL, SWAYAM, COURSERA, Udemy, Spoken Tutorial etc.

Extended Profile

1.Programme

1.1   **13**

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	[View File](#)

2.Student

2.1   **1517**

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.2   **336**

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   **333**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1   **86**

Number of full time teachers during the year

File Description	Documents
Data Template	[View File](#)

3.2   **69**

Number of sanctioned posts during the year

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	13

File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	1517

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	336

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	333

File Description	Documents
Data Template	View File

3.Academic

3.1 Number of full time teachers during the year	86

File Description	Documents
Data Template	View File

3.2 Number of sanctioned posts during the year	**69**

File Description	Documents
Data Template	<u>View File</u>

4.Institution

4.1 Total number of Classrooms and Seminar halls	**19**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**353.37202**
4.3 Total number of computers on campus for academic purposes	**551**

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

As per the University's academic calendar, the Internal Quality Assurance Cell (IQAC) prepares the institute-level academic calendar. Before the commencement of the academic year, Heads of Departments (HODs) share subject preference spreadsheets with faculty members, who submit their preferences accordingly. Teaching load is allocated based on these preferences, and subject distribution is communicated to faculty members well in advance to allow proper preparation.

HODs appoint timetable coordinators to prepare various timetables, including Master, Class, Lab, and Individual schedules. Faculty members create course files that include the academic calendar, timetables, syllabus, reference plans, notes, and question banks. Additionally, the APR book contains teaching plans for theory and practical sessions. The Principal, along with the IQAC coordinator, conducts a meeting with all HODs to plan activities aligned with the SPPU calendar.

Two feedback sessions are conducted each semester, with forms circulated online or offline among students. A Parents-Teacher Meet is also held to inform parents about students' progress. Subject teachers, class teachers, or HODs provide timely updates to students regarding the evaluation process through notices displayed on notice boards, Google Classroom, official WhatsApp groups, and the college website. This structured process ensures effective academic and co-curricular activity management.

File Description	Documents
Upload relevant supporting document	[View File]()
Link for Additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/1.1-Curricular-Planning-and-Implementation-.docx.pdf

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

The academic calendar issued by SPPU is strictly followed by APCOE&R, guiding the planning and execution of all academic and co-curricular activities. The institute prepares an institute-level calendar aligned with the SPPU calendar, which departments adhere to for organizing internal/unit tests, prelim exams, holidays, in-semester (ISE) and end-semester examinations (ESE), as well as events like workshops, industrial visits, guest lectures and alumni meets.

The calendar aids faculty in planning course delivery, research and other academic responsibilities. Department heads monitor syllabus completion as per teaching plans, ensuring timely coverage. Continuous Internal Evaluation (CIE) comprises unit tests, assignments, quizzes, seminars and prelim exams. Question papers and evaluation schemes for these assessments are prepared by subject teachers, reviewed by the Head of Department, and conducted as per a predefined timetable. Post-assessment, answer sheets are evaluated and CO-PO/PSO attainment is calculated.

Laboratory courses, project work, seminars and internships are also evaluated under CIE, with components like experiment conduction, viva and record submission. The Principal, through academic HoD meetings, regularly reviews semester progress and provides guidance. In case of revisions to the SPPU calendar, necessary adjustments are made by the IQAC Cell to ensure

adherence to updated schedules.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/1.1-Curricular-Planning-and-Implementation-.docx.pdf

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   **A. All 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	No File Uploaded

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

18

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	View File
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)

624

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

624

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

In order to integrate the cross cutting issues relevant to gender, environment and sustainability, human values and professional ethics, the College has offered different types of courses in the curriculum given by Savitribai Phule Pune University (SPPU), to enhance professional competencies, inculcate general competencies like social values, human values, environment sensitivity etc.

1. Gender Sensitivity

The institute has offered courses related to gender sensitivity included in the syllabus offered by SPPU.

Audit course of Human Behaviour (404196B) was offered to final year Electronics & Telecommunication Engineering students. On

completion of the course, students have observed change in awareness levels, knowledge and understanding of students, change in attitudes / behaviour of students with regards to their education, improved teamwork, institutional leadership and other life skills.

Audit course of Environmental Studies (101007) was offered to First Year Engineering students. On completion of the course, students will be able to demonstrate an integrative approach to environmental issues with a focus on sustainability.

Audit Course of Professional Ethics and Etiquettes (314449) was offered to third year Information Technology students. On completion of the course, students will be able to summarize the principles of proper courtesy as they are practiced in the workplace.

File Description	Documents
Any additional information	No File Uploaded
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

345

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

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

649

File Description	Documents
Any additional information	**No File Uploaded**
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	https://abmspcoerpune.org/wp-content/uploads/2024/12/1.4-Feedback-System.docx.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	View File
URL for feedback report	https://abmspcoerpune.org/wp-content/uploads/2024/12/1.4-Feedback-System.docx.pdf

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

363

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

273

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

Students enrolled in the respective department are identified as slow & advanced learners based on the performance & responses in the class and during internal assessment. The institution uses monitoring and mentoring to maintain the track of slow learner's progress. Along with faculties as mentors and with some advanced learners are encouraged to mentor slow learners without any barriers to prolong their learning abilities. Additional efforts if required are taken through teaching through revision classes, interactive sessions, and fun and learn activity, arranging and conducting expert lectures. Advanced learners are encouraged to participate in GATE, competitive examinations and other value added courses available at online offline platforms to make them self-industry ready. Personality Development programs are organized to enhance the commendable employability of the students through following activities:

Slow learners: Counseling, Remedial Coaching, Extra notes, Group

discussion session, internal examination process, Encouragement in NSS, Sports, and academic activities.

Advance learners: Advance notes, Seminar sessions, Participative learning session's i.e Engineers Day & Teachers Day, Projects, Assignments. To enhance their confidence level, the department conducts different activities such as NSS, Technical cum Cultural, and Sports to develop their overall personality.

File Description	Documents
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/2.2.1-Weak-and-bright-students.pdf
Upload any additional information	**No File Uploaded**

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

Number of Students	Number of Teachers
1517	**103**

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

Anantrao Pawar College of Engineering and Research, Pune believes in the adoption of students centric methods to enhance student involvement as a part of participative learning and problem solving methodology. Role Plays, Team works, Debates, Seminar Quizzes and Case studies, Field Visit, Industrial visit & guest/expert lectures. Specifically Students Centric (SSC) teaching Methods are reflected in project work etc

Experiential Learning through:-Project work, Mini project, Major Projects, Internship or Field Projects in industry

Participation and learning:- At various level, Field Visits, Industrial Visits, Guest Lecture, Teamwork, Group work Innovation Club:- Research activities are conducted in each Department under

the guidance of senior faculty and innovation club members where the students of different semester get knowledge about emerging area and help them to promote in research and innovation aptitude.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/2.3.1_Experiential-Learning_Participation-in-competition-at-various-level-1.pdf

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

In the technological era, it is essential for the students and faculties to teach and learn the latest technologies in order to enhance teaching learning capacities. As a consequence, faculties are combining technology with traditional mode of instruction to engage students in long term gaining through the learning. The institute uses Information and Communication Technology (ICT) tools in day to day teaching and learning to support the effective delivery of educational objectives. The tools are used by the Institute are as follows:-

ICT Tools:

1. Projectors- Projectors are available in different classrooms/labs

2. Desktop and Laptops- Arranged at Computer Lab and Faculty cabins in the institute,

3. Printers- They are installed at Labs, HOD Cabins and other easy accessible places.

4. Photocopier machines - Multifunction printers are available at all easy accessible places in the institute.

5. Scanners- Multifunction printers are available at all easy accessible places.

6. Seminar Halls- Seminar halls are equipped with required digital facilities.

7. Smart Screen- Smart screens are installed in each department.

8. Interaction through- Zoom meeting, Google Meet, Microsoft Team, Google Classroom

9. MOOC Platform (Swayam, NPTEL, Coursera, Edx etc) 10. Digital Library resources (J-Gate, NDEL etc)

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

103

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

103

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	*View File*
Any additional information	**No File Uploaded**
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

17

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

408

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.

The Institute has developed a comprehensive system to assess students through different criteria ensuring transparency, frequency and mode. Details are as follows:

Internal Examination

Students are evaluated based on marks scored in two unit test and prelim as internal assessment examinations, conducted in each semester Presentations

Students must present a subject-related topic presentation in every subject in each semester, they refer to online e-resources and cite related illustrations to strengthen their presentation skills.

Mock VIVA-VOCE Panel of internal examiners asks questions to students pertaining to every subject. Students are evaluated based on their understanding of the subject and their answering ability.

Assignments

Students are given subject assignments, for which they need to refer books and journals, and other e-resources. In addition to the above multi-dimensional evaluation mechanism, the following measures further consolidate transparency in the system. Evaluation criteria are informed to students well in advance, through induction program and class interaction. Internal assessment marks are finalized in the faculty meetings as a measure of internal check and IQAC.

File Description	Documents
Any additional information	View File
Link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/2.5.1_TW_Sample.pdf

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

Redressal of grievances at institute level

- Departmental Level: The continuous evaluation of students is carried out by faculty regarding theory lectures, labs, assignments, unit tests. The mid term-end term marks are allotted based on defined strategies and displayed on notice

board. Query if any is discussed with faculty and HOD.

- **Institute Level: The Institute appoints a Senior Supervisor for smooth conduction of examinations of SPPU. If students are facing any problems, they are solved by the institution CollegeExamination Officer (CEO) appointed by the university. The grievances during the conduction of online/theory examinations are considered and discussed in consultation with the Principal of institute and if necessary forwarded to the university by examination section.**

- **Redressal of grievances at University level: The queries related to results, corrections in mark sheets, and other certificates issued by university are handled at SPPU examination section after forwarding such queries through the college examination section. Students are allowed to apply for revaluation, recounting and challenge evaluation by paying necessary processing fees to the university if they are not satisfied with the university evaluation through the institute.**

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/2.5.2_grienvance.pdf

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 institute adopts Outcome based education rather than input oriented bell shaped curve of learning.

The following mechanism is followed Graduate attributes are described to the first year students at the commencement of the programme. Learning Outcomes of the Programs and Courses are observed and measured periodically. Curriculum and Learning Outcomes of Programmes and Courses are uploaded on the Institution website for reference. The learning outcomes have been

communicated to the faculties in IQAC meetings. The students are also communicated about the POs, PSOs and Cos through tutorial meetings. Use software tools and coding at a level necessary to perform mathematical operations, statistical analysis and simulations in solving complex problems.

Use basic laboratory equipment correctly and effectively in order to conduct measurements, and analyze and interpret the results, including a quantitative understanding of uncertainties.

Locate existing scientific research relevant to a given topic, and evaluate its accuracy. Communicate the results of scientific work effectively, making use of clear and well organized writing and presentation skills, and employ equations and visualization tools as needed.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/2.6.1-Additional-Information.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 Programme outcomes (POs), Programme specific outcomes (PSOs) and Course Outcomes (COs) are evaluated by the institution and the same are communicated to the students in the formal way of the discussion in the classroom and departmental notice board.

The level of attainment of POs, PSOs and COs are followed by formal mechanisms for the measurement. The mechanism is as follows:-

The institute followed the Academic Calendar of our affiliated university. All the subject teachers maintained an Academic Diary in every academic year. All the subject teachers prepared Semester-Wise evaluation Reports.

Institute considered Feedback from all Stakeholders for the attainment of PO, PSO and CO. Progression to Higher Studies and competitive examinations.

(POs) of UG AND PG Program PO1: The students understood the fundamentals of science and engineering.

PO2: The students' knowledge in engineering and research is enriched.

PO3: Interdisciplinary approach amongst students has been developed.

PO4: Sense of scientific, technological responsibilities, social and environment awareness have been inculcated among the students.

PO5: Students built-up a progressive and successful career in academics, industry and research.

PO6: Students are motivated to contribute in the development of Nation and community.

Attainments of CO's are calculated by using university examination results.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/2.6.2-CO-PO-Attainment-All-Department.pdf

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

257

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	https://abmspcoerpune.org/wp-content/uploads/2024/12/2.6.2-CO-PO-Attainment-All-Department.pdf

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)

https://abmspcoerpune.org/wp-content/uploads/2024/12/2.7.1-Student-Satisfaction-Survey-SSS-on-overall-institutional-performance.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)

11.06

File Description	Documents
Any additional information	[View File](#)
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

4

File Description	Documents
Any additional information	<u>View File</u>
Institutional data in prescribed format	<u>View File</u>

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

4

File Description	Documents
List of research projects and funding details (Data Template)	<u>View File</u>
Any additional information	**No File Uploaded**
Supporting document from Funding Agency	<u>View File</u>
Paste link to funding agency website	<u>https://bcud.unipune.ac.in/Template_Aspire/#</u>

3.2 - Innovation Ecosystem

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

Institute is having an active Innovation Club with the personalities with great experience in their technological fields, who are motivating the faculties for Innovations. The technology and knowledge transfer to Industry/Society is the prime motto for research in the Institute. The faculty data sheets are prepared with their expertise and guided for work in that particular area to bring out solutions to specific problems. Innovation ecosystem is developed by transforming new ideas of students/faculties into reality through facility and financial investment.

APCOER faculties are trained to convert the academic level projects to commercial products through various startups department wise like Bricks of tamarind, Stick with seat, Software company, Cover Blocks, also known as spacers.

Institute is developing the Incubation Centre for innovation in

the Agriculture sector with various Agencies, Associations and Ministries also. Various innovative work is carried out by our different departments like mercury recovery from brunt fluorescent tubes and lamp, computer Engineering and Information Technology department is jointly working on IotPolyhouse projects like Agro-Data, Smart Agrico, E&TC Engineering Department is jointly working on IoT polyhouse projects like AgroSense, Agro Position, Department is also working on various innovative projects like Sensor based agriculture automation for crops like strawberry.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/Achieving-problem-solution-fit-and-product-market-fit-14.02.24.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

12

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

10

File Description	Documents
URL to the research page on HEI website	https://abmspcoerpune.org/rd-cell/
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

45

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

5

File Description	Documents
Any additional information	View File
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

Extension activities in the community help students learn about social issues and support their overall growth. Over the last five years, several activities were successfully organized.

On September 9, 2023, a tree plantation event saw students and staff actively participating, improving the college's green space and raising awareness about the environment. The Swaccha Sarvekshan Feedback activity on August 11, 2023, involved 58 students who contributed to a cleanliness campaign, promoting responsibility towards the environment. A Speech and Essay Competition on August 28, 2023, had 11 participants, encouraging skill development and academic excellence.

A Self Defense Workshop held on August 10, 2023, at the APCOER campus in Pune, engaged 90 students and raised awareness about self-defense, especially for women. Following this, a New Voter ID Registration Camp on October 26, 2023, helped 167 individuals register and raised awareness about voting and electoral processes.

The NSS Camp from January 9 to January 15, 2024, allows students to participate in community service programs. The Meri Mati Mera Desh Campaign on October 9-10, 2023, fostered patriotism among students, reminding them of the sacrifices made for freedom.

File Description	Documents
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/3.4_NSS-Merge_2023-24.pdf
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

1

File Description	Documents
Any additional information	**No File Uploaded**
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

8

File Description	Documents
Reports of the event organized	View File
Any additional information	**No File Uploaded**
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

8

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
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

10

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

13

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 has up to the mark infrastructure as per requirement of AICTE, DTE and SPPU. The institute has well defined guidelines for creation and enhancement of the infrastructural facilities in

advancement of requirements.

The institute has policy as follows:

- **To carry out preventive maintenance of all laboratory equipment before the commencement of every semester under the departmental internal audit system.**

- **To have easy access to all learning resources library, classrooms, laboratories and porch has Wi-Fi facility.**

- **The institute has 22 classrooms (19 for UG and 3 for PG) well equipped with an ICT facility which enhances the teaching learning process and tutorial rooms.**

- **The institute has 54 well equipped laboratories as per SPPU curriculum. All laboratories are equipped with instruments / Computers and upgrade them from time to time. Institute has Workshop facility for students**

- **Institute has facilities for staff seating and separate cabins for all Head of the Department. An Emergency Medical Facility room with Wheel Chair is set up in the institute building. Separate toilet, lift and ramp is available for Physically Challenged Persons.**

- **The institute has well equipped seminar halls with adequate seating capacity for smooth conduction of events like conferences, seminars and yoga- meditation camp etc.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/4.1.1-The-institution-has-adequate-infrastructure-and-physical-facilities-for-teaching-learning.pdf

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

The institute organizes sports competitions and cultural events to help students showcase their talents, build leadership skills, and foster teamwork.Prizes and certificates are given annually to encourage participation in sports and cultural activities.A Sports Director is assigned to motivate students, and there are sufficient facilities for outdoor games like cricket, volleyball, football, kabaddi, and tug of war, as well as indoor games such as chess and table tennis. Key sports facilities include a cricket ground, volleyball ground, football ground, ball badminton area, and dedicated space for table tennis, carom, and chess in the Gymkhana hall.There are also areas for yoga and meditation.Annual sports events promote physical and mental well-being, and International Yoga Day is celebrated yearly. Cultural activities are also organized, including Navratri celebrations, Children's Day, elocution competitions, and a youth festival.Technical events like Technothon and Engineers Day are held, featuring performances in singing, dance, and drama.The institute provides a venue for cultural events with necessary equipment.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/4.1.2-The-Institution-has-adequate-facilities-for-cultural-activities-sports-games-indoor-outdoor-gymnasium-yoga-centre-etc.pdf

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

22

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://abmspcoerpune.org/naac21_22_crite04/naac21_22_crite_4-1-3/
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)

353.37202

File Description	Documents
Upload any additional information	**No File Uploaded**
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)

Integrated Library Management System (ILMS) helps manage library functions. The institute uses both commercial and open-source software for library automation, specifically VRIDDHI Library Module Version 2. 0. This software includes key features like Acquisition, Cataloguing, Circulation, and Serial Control. The Acquisition and Cataloguing modules generate accession register reports. The Circulation module allows for issuing, returning, and reserving books, along with generating various reports and library barcodes, making processes efficient and saving time. The Serial Control module tracks print journals and subscriptions, while statistical analysis on library activity is provided. The system manages fines for late returns or lost items, helping reduce manual record-keeping.

Key features of VRIDDHI ILMS include new student entry, accessioning of materials, circulation, an Online Public Access Catalogue, barcode generation, user tracking, and user ID card generation. The software is obtained from Hindustan Computers, which offers support and maintenance. The college provides a web link for library access and uses Google Sites for remote access to e-books and other resources

LINK FOR VRIDDHI PORTAL:https://apcoer.vriddhionline.com/

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://abmspcoerpune.org/library-details/

4.2.2 - The institution has subscription for the `A. Any 4 or more of the above` **following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources**

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)

`14.39399`

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

`188`

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 components of IT infrastructure are made up of interdependent elements, and the two core groups of components are hardware and software. And likewise, an operating system manages system resources and hardware. Sufficient number of computers is allocated to all departments with necessary software and hardware configuration. Network are comprised of Sophos firewall, switches, routers and servers. All computers are well maintained and LAN connected through a dedicated leased line. These are essentially computers that allow multiple users to access and share resources. A central server room is maintained to look after connectivity of all computers and cyber security related issues. Licensed firewall in all the systems help to secure computers from any malware and restrict access to unwanted sites to students. Sufficient number of Surveillance cameras throughout the campus help to maintain a safe and secure atmosphere in campus. Face recognition system is used to record the daily attendance of all the staff members.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/4.3.1-Institute-frequently-updates-its-IT-facilities-including-Wi-Fi.pdf

4.3.2 - Number of Computers

551

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

4.3.3 - Bandwidth of internet connection in   **A. ? 50MBPS**

the Institution

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)

74.57

File Description	Documents
Upload any additional information	**No File Uploaded**
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.

Maintenance of laboratory equipment involves codifying the equipment, setting preventive maintenance schedules, performing maintenance and calibration, and keeping records.If equipment breaks down, repairs should be done internally or with external help, and records of these repairs must be maintained.Data on breakdowns should be collected at the semester's end to identify and address recurring issues. For library maintenance, shelves should be kept clean, and naphthalene balls should be placed to prevent damage.Daily cleaning and annual stock verification must be done, along with a report of lost, damaged, or missing books for higher authorities. Student property documentation needs retention according to specific requirements.Admission details should be recorded, and actions regarding retention periods must be decided. For outsourced activities, processes should be

evaluated, suppliers selected, and work orders approved.The work must be supervised, and payments processed upon satisfactory completion. In sports, maintain grounds and equipment regularly and ensure proper record-keeping for transactions.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/4.4.2-additional-information.pdf

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

1015

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

06

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

File Description	Documents
Link to Institutional website	https://abmspcoerpune.org/wp-content/uploads/2024/12/5.1.3-Capacity-building-and-skill-enhancement-initiatives.pdf
Any additional information	**No File Uploaded**
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

25

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

25

File Description	Documents
Any additional information	View File
Number of students benefited 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

57

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

16

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	**No File Uploaded**
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

5

File Description	Documents
Upload supporting data for the same	View File
Any additional information	**No File Uploaded**
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.

2

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)

The institute has formed ISTE (Indian Society for Technical Education). ISTE student chapter was established in year 2014. We are also institutional member of the ISTE. We conduct various events like SPARKTECH technical events, Engineers day etc. All these events are executed under the umbrella of the ISTE. Constitution of the ISTE 1. President 2. Vice President 3. Heads of different committees such as Promotion, advertising. 4. Volunteers. The committee of the ISTE is formed by the transparent selection process and as per the norms laid by the ISTE. The Selection Committee comprises of the Principal, ISTE Faculty coordinators, Student Development Officer, all the Head of the Departments and PG Coordinators. The ISTE committee works as Student Council of our college. Cultural events such as Traditional day are organized and technical events such as Gaming Competitions, Robo war, Seminars, Paper and Poster Presentation are part of SPARKTECH. In view of the objectives of ISTE, it has always been a priority for APCOER to encourage and support our staff and students to organize, participate in various conference, symposiums and trainings. The institute is actively involved in numerous activities at Intra or inter-college levels which aids development and betterment of technical education.

File Description	Documents
Paste link for additional information	https://abmspcoerpune.org/criteria-052023-2024/
Upload any additional information	**No File Uploaded**

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

20

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

APCOER organizes and supports a comprehensive array of initiatives for students, as well as alumni. These programs are developed to enhance student-to-alumni and alumni-to-alumni bonding. "Recall, Relink, and Rejoice" is the motto of every alumnus get together functions. The alumni association regularly organizes get together events that enable APCOER students and alumni to connect with each other, as well as the faculty members, and staff. The events are fuelled by experience sharing, futuristic approach, business updates followed by entertainment programs with high tea and refreshments. Alumni also take turns to regale students, faculty, and staff by sharing their memories of APCOER days. They promote industry- institute interaction to bridge the gap between industry requirements and academics so that industry ready engineers from the institute can be absorbed in desired industries. They not only guide the students but also help them to get higher education in and outside India. Institute keeps the updated database of alumni to keep them informed about campus activities and institute's progress through Email alerts and social media accounts. Institute arrange seminars where various invited alumni share their success stories and experiences to guide and encourage the students of APCOER in their career as well as education.

File Description	Documents
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/5.4.2-Alumni-Contribution-during-the-year.pdf
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year (INR in Lakhs)   D. 1 Lakhs - 3Lakhs

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 OF THE INSTITUTION:

- Committed to comprehensive development of students through quality technical education.

MISSION OF THE INSTITUTION:

- To provide state of art infrastructure that shall create ambience to encourage novel ideas, research activities and consultancy services.

- To inspire students in creation & entrepreneurship.

- To create future technocrats with intelligence, technical skills & good ethical moral values so as to serve needs of society & industries.

- To provide healthy Teaching – Learning environment that will cultivate contemporary research activities, innovations & inventions.

- To develop center of excellence in technical education

The institute operates under the Akhil Bharatiya Maratha Shikshan Parishad, focusing on the welfare of the common people. Inspired by figures like Mahatma Phule and Dr. Babasaheb Ambedkar, it aims to empower disadvantaged groups.

Key points include: • The vision is communicated throughout the institute with various committees ensuring efficient operations. • The College Development Committee (CDC) guides academic and administrative planning through participatory decision-making. • The Internal Quality Assurance Cell (IQAC) oversees academic scheduling and audits. • Various committees ensure compliance with regulations, address grievances, and support marginalized students.

In conclusion, the institute has established numerous committees to ensure effective governance and address the needs of students and staff.

File Description	Documents
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/6.1.1-Proof.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.

The college involves all stakeholders in decision-making to create effective operations guided by its vision and mission. The principal and faculty collaborate on a quality policy for student development. Responsibilities are decentralized among the Principal, Heads of Departments, and the Registrar to enhance administration.

The financial authority policy allows the Principal to approve expenses within the budget and urgent cases needing post-approval. The Principal can sanction up to Rs. 30,000 monthly, while HODs can approve up to Rs. 5,000. The college follows ISO quality assurance for effective services.

File Description	Documents
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/6.1.2-proof.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Anantrao Pawar College of Engineering and Research Organized "APCOER TECHNOTHON-2024." National Level Offline Project/Paper/Poster/Start up Competition for Diploma students in association with Maharashtra State Board of Technical Education, Mumbai on 03/04/2024 and 04/04/2024.The basic purpose is to provide a state level platform for diploma students to present their technical innovations.

Application for permission is given to the Principal of the Institute. The Head of departments and Principal of Institute has discussed this event. Permission was taken from management. Permission is taken from the Secretary, MSBTE for using the MSBTE logo in our technical event brochure. Meeting was organized by the Event Coordinator in presence of all Head of department. The Date and schedule of the event was finalized. Coordinators were appointed to carry out activity. Registrations of students were done online by filling up an online Google form.

Paper , Project , start up and Poster Competition activity was conducted smoothly. Groups were divided among the evaluators and the competition was held smoothly.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/6.2.1_strategic-plan.pdf
Upload any additional information	View File

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.

The functioning of APCOER is based on hierarchy that is shown in the organogram. At the top are the governing body of the trust .

The Principal forms the connecting link between various statutory bodies on campus (of which he may be a member) and the CDC of the college. This helps him understand the pulse of the college and empowers him to make informed choices and take decisions that will benefit the entire college. The Office Superintendent, Heads of departments and the corrdinators of other committees report directly toIQAC Coordinator.

The Office Superintendent is overall in-charge of non-teaching staff. All staffreport to the Head of department. All the Statutory bodies on campus function as per the norms set down by the AICTE,Savitribai Phule Pune University and ABMSP.APCOER has several committees handling different aspects that need attention to ensure the smooth running of academics/administration/ cultural development/ social involvement/inclusion to name a few. All the convenors report to the Principal as per requirement. All financial matters have to be discussed in advance with the Principal. We see that there is both an interconnection and decentralization in the functioning of the various bodies on campus.

File Description	Documents
Paste link for additional information	https://abmspcoerpune.org/a-b-m-s-parishad-history/institute-structure/
Link to Organogram of the institution webpage	https://abmspcoerpune.org/a-b-m-s-parishad-history/institute-structure/
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

The institute offers various welfare schemes to ensure that employees are efficient, healthy, loyal, and satisfied.It encourages staff development through professional activities. The Employees Provident Fund (EPF) is available for both teaching and non-teaching staff.Maternity and medical leaves are provided to all staff members, along with earned leaves. The institute promotes staff motivation for attending orientation, refresher, and short-term courses, offering them duty leaves.It also supports faculty in pursuing higher education, providing resources like libraries and laboratories, as well as duty leaves and No Objection Certificates. Teachers' academic performance is recognized annually on Teacher's Day with awards and certificates.Cultural activities involving staff and students foster overall development.A performance-based appraisal system is used for staff promotion, requiring detailed annual contributions from teaching and non-teaching faculty.

File Description	Documents
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/6.3.1.pdf
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

4

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

03

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	View File
Upload any additional information	**No File Uploaded**
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

36

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	**No File Uploaded**
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 System: for Teaching Staff the Institution follows the Performance Appraisal System laid down by the ABMSP trust. Confidential Report of Teaching and Non-Teaching Staff is prepared by the Principal of the College every year. A very systematic and effective Performance Appraisal System of the College is in place for all Teaching and Non-teaching Staff Members. Through these appraisals the College encourages faculty member's professional growth and development. The Process is designed to explore the individual professional skills and progress of employees and their participation in Academic, Research, Curricular and Co-curricular activities which in turn lead to the overall development of the Institute. The Performance Appraisal System is implemented for both teaching and non-teaching staff. Term-end report of the staff is acknowledged by Principal of college and is referred for the promotion college collects feedback from all its stakeholders. The analysis of feedback helps in taking necessary actions and also in improvement of the performance of the teachers. The performance appraisal system is channelized through confidential reports. Every member of the Administrative staff has to fill this form and hand it over to Office Superintendent (OS) of the college. OS adds his own observations and comments and forwards it to Principal for final remark.

File Description	Documents
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/6.3.5_Institution-performance-appraisal-system-for-teaching-Non-teaching-staff-1.pdf
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 has appointed Internal and external auditors. The Internal and External audit is held in every financial year.

Anantrao Pawar College of Engineering Research, Parvati, Pune has appointed external auditors. Generally, the External audit is held in March every year.

Mechanism for Internal Audit:

- The College Development Committee appoints internal auditors for conducting internal audit.

- The Accounting auditor looks after the internal audit to verify that actual expenses are not exceeded the budgeted amount and it is presented to the certified Chartered Accountant.

- The Principal and accountant take care of doing compliance of the objections raised if any.

- Internal audit is carried out by internal auditors.

Mechanism for External Audit:

- The board of management appoints external auditors for conducting external audit of the institutes.

- **The statutory audit is conducted by registered Chartered Accountant firm.**

- **This audit includes examining, on a test basis, evidence supporting amounts and disclosures in the financial statements.**

- **Audit also includes accessing the accounting principle used and significant estimates made by management, as well as evaluating the overall financial statements.**

- **No minor and/or major objections have been raised in the external audit.**

- **The statutory audit is conducted by registered Chartered Accountant firm.**

File Description	Documents
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/Financial-Audit-Report-2023-24.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)

6.07502

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
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

The institution uses various strategies to gather and use resources and funds from both government and non-government sources. The main income comes from student tuition and development fees, along with grants and schemes. These funds cover both recurring and non-recurring expenses.

The institute has a budgeting system for regular expenses, including staff payments and maintenance. Each department prepares an annual budget with help from faculty and submits it to the Principal. After discussion, it is included in the institutional budget for management approval.

Procurement for lab supplies and equipment is handled by departments, and budget preparation occurs in March/April, while syllabus revision and fee allocation take place in June/July, which may lead to differences in budget usage.

File Description	Documents
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/Budget-2023-24_compressed-2.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

The Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. The IQAC committee is formed at the

institute level, by following the norms of University Grants Commission. The quality assurance strategies and processes are discussed and formed in the meeting of the IQAC committee.

Strategies and procedures like conducting academic audit of all departments twice in a semester by appointing auditors for each individual faculty member to ensure the standard quality of

academics delivery to the students. In addition to this, the IQAC conducts various programs at the institute level, which includes study abroad options for engineering students, robotic design, NBA

awareness lecture series for faculties like SWOT analysis- PQR and SAR, Project based

learning and Innovation, and Alma-Connect Programme for institute alumni.

File Description	Documents
Paste link for additional information	https://whttps://abmspcoerpune.org/iqac
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

The Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. The IQAC committee is formed at the institute level, by following the norms of University Grants Commission. The quality assurance strategies and processes are discussed and formed in the meeting of the IQAC committee. Strategies and procedures like conducting academic audit of all departments twice in a semester by appointing auditors for each individual faculty member to ensure the standard quality of

academics delivery to the students.

IQAC prepares the academic calendar for the institute as per the guidelines received from Savitribai Phule Pune University. Once the academic calendar is circulated in the institute, the various departments run all the academic activities as per the schedule declared by IQAC in the academic calendar. Timely student feedback, internal academic audit are the important milestones to ensure the quality of teaching maintained through IQAC. The auditors conduct an audit as per the schedule given by the IQAC head, and completes the audit in the form of a report. Those audit completed reports are available with all individual faculties in their course files, with the departmental ISO coordinators, and with the IQAC team as well.

File Description	Documents
Paste link for additional information	https://whttps://abmspcoerpune.org/iqac
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	https://abmspcoerpune.org/wp-content/uploads/2024/09/6.5.2.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 conducts regular gender equity promotion programs. Guest speakers from prominent fields are invited to speak on the given topic, which highlights the importance and contribution of women in society. The institute is co-educational. The institution promotes gender sensitization through co-curricular activities like workshops, seminars, guest lectures, counseling etc.

The Institute has the following facilities:

Safety and Social Security:Security guard team is assigned with

duties. The entire campus is under CCTV surveillance.

Counseling:The institution has appointed a 'Guardian faculty member' to students in groups. Each faculty is assigned with a specific number of students to cater to their psychological and emotional needs. Students are ensured that the counseling shall be one – to – one and complete confidentiality will be maintained.

Common Room:Common Rooms for girls with hygienic toilets is available in the campus, there are separate washroom for girls and boys on each floor

Maternity leaves for ladies faculties: Female employees get maternity leave, child care leave can be availed if required.

Fostering a safe working environment to all: The institute ensures that posters promoting gender equity & sensitization are placed on the common areas. Required contact numbers are displayed in easily visible areas.

File Description	Documents
Annual gender sensitization action plan	https://abmspcoerpune.org/wp-content/uploads/2024/12/7.1.1-action-plan-1.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	https://abmspcoerpune.org/wp-content/uploads/2024/09/7.1.1.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	No File Uploaded

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

Solid Waste Management:

The solid waste generated in the institute premises by dry tree leaves, raw kitchen waste (from canteen), chocolate rapers or any other packaging waste etc. is collected various locations of the entire premises and kept in one place. Further the PMC Garbage collection vehicle collects the solid waste from premises.

E-waste management:

Keeping in mind the global hazards of electronic waste, we are sincerely trying and putting our best foot forward to deal with any electronic waste that will be generated in future. We have

collaborated with "COPORR APEC PVT. LTD.", for the proper disposal of e-waste. Students and staff are encouraged to deposit the e-waste generated at a specific location in every department, dedicated for collection of e-waste.

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   **A. Any 4 or all 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: **A. Any 4 or All of the above**

1. **Restricted entry of automobiles**
2. **Use of bicycles/ Battery-powered vehicles**
3. **Pedestrian-friendly pathways**
4. **Ban on use of plastic**
5. **Landscaping**

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	No File Uploaded

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	No File Uploaded
Any other relevant information	No File Uploaded

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

A. Any 4 or all of the above

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	View File
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).

The institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination.

Though the institution has diverse socio-cultural background and different linguistic, we do not have any intolerance towards cultural, regional, linguistic, communal socio economic and other

diversities. With great fervor the national festivals, birth anniversaries and memorials of great Indian personalities are celebrated in the institute every year. The institution organizes

two days Youth and Cultural festival. NSS Unit of our college organizes various programmes related to social issues. Motivational lectures of eminent persons of the field are arranged

for all-round development of the students for their personality development and to make them responsible citizens following the national values of social and communal harmony and national

integration. Besides academic and cultural activities, we have a strong infrastructure for a variety of sports activities for the physical development of the students. In this way the institute's

efforts/initiatives in providing an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic, and other diversities.

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	No File Uploaded

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

The institute is committed to fostering an environment where students not only excel academically but also develop a strong sense of responsibility towards society, ethics, and sustainable living. By integrating programs that focus on cultural heritage, environmental sustainability, and social awareness, the institution ensures that students are well-rounded individuals prepared for both professional success and responsible citizenship. Through activities such as seminars, workshops, and interactive sessions with experts, students are encouraged to reflect on their roles as responsible members of society and contribute to causes like environmental conservation, cleanliness,

and social equity. The institute conducted awareness programs on the ban on plastics, cleanliness, Swachh Bharat, etc. involving students. The institute also prioritizes the development of a moral and ethical framework by offering courses on topics like Professional Ethics, Human Values, and the Constitution of India, ensuring that every student internalizes the importance of rights, duties, and constitutional values. Additionally, the NSS unit plays a vital role in promoting community engagement and addressing contemporary social issues, encouraging students to actively participate in the nation-building process. The institute's code of conduct, supported by clear policies and guidelines, ensures a disciplined, respectful, and inclusive atmosphere for both students and staff.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://abmspcoerpune.org/facilities/national-service-scheme/
Any other relevant information	https://abmspcoerpune.org/wp-content/uploads/2024/08/Code_of_Conduct.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	**No File Uploaded**

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

National/International commemorative days are regularly being celebrated and observed in our institute. Republic Day is celebrated every year on January 26 to commemorate the adoption of our constitution. Various formal events including flag hoisting and march-past are organized , which are followed by a "constitution awareness program" where students and staff members are made aware of their duties towards our nation and rights given to them by our constitution. Every year on August 15, Independence Day is a grand event marked with the flag hoisting by the Chief Guest and Parade is performed 2nd October Mahatma Gandhi Birth Anniversary A standout amongst the most mainstream events in India , Gandhi Jayanti is praised in our Institute on 2nd October consistently to stamp the birth commemoration of Mahatma Gandhi. 31st October Ekta Divas Birth Anniversary of Hon. Sardar Vallabhai Patel is celebrated as National Unity Day.

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	**No File Uploaded**

7.2 - Best Practices

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

The Innovation Club aims to raise awareness and foster a culture of innovation among students and faculty to encourage creativity and new ideas. Its objective is to help participants focus on future technology trends, providing opportunities for project development during their studies.It identifies experienced mentors in various engineering fields who guide students and faculty in research projects. The club operates on four key elements: Association, Ideation, Execution, and Value Establishment, which help discover new opportunities and solutions to existing problems.

The club holds regular meetings involving members, students, and faculty to generate ideas and share innovations. It invites stakeholders to present their innovative projects and organizes seminars, webinars, and workshops to inspire creativity. Activities like quizzes, debates, and competitions promote awareness of innovation within APCOER.

The ISTE Student Chapter focuses on providing quality training for teachers and administrators in technical institutions to improve their skills and support the creation of high-quality engineers. Founded in 1941, the ISTE has grown to enhance technology education and established its student chapter at APCOER in 2014.

APCOER encourages participation in conferences and symposiums, leading to valuable collaborations that enhance technical education.

File Description	Documents
Best practices in the Institutional website	https://abmspcoerpune.org/wp-content/uploads/2024/12/7.2-Best-Practices.pdf
Any other relevant information	https://abmspcoerpune.org/rd-cell/ecosystem-for-innovation/

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 ABMSP's APCOER in Pune offers affordable, personalized technical education to a diverse student body since its establishment in 2012. It includes students, faculty, and staff from various backgrounds.

APCOER has created a company focused on patented technology to recycle and derive value from waste, aiming to reduce negative impacts from unsustainable practices while promoting social and environmental protection.

The APCOER ISTE Student Chapter encourages staff and students to engage in various technical education activities. Additionally, APCOER has a Technology Business Incubator to foster entrepreneurship through knowledge-based innovations, with startups like Bricks of Tamarind, Asra, Cover Blocks, Mini Vita, APCOER Balaji Phenyl, and software companies Web Viva and Sharadchandra Tech Venture.

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

As per the University's academic calendar, the Internal Quality Assurance Cell (IQAC) prepares the institute-level academic calendar. Before the commencement of the academic year, Heads of Departments (HODs) share subject preference spreadsheets with faculty members, who submit their preferences accordingly. Teaching load is allocated based on these preferences, and subject distribution is communicated to faculty members well in advance to allow proper preparation.

HODs appoint timetable coordinators to prepare various timetables, including Master, Class, Lab, and Individual schedules. Faculty members create course files that include the academic calendar, timetables, syllabus, reference plans, notes, and question banks. Additionally, the APR book contains teaching plans for theory and practical sessions. The Principal, along with the IQAC coordinator, conducts a meeting with all HODs to plan activities aligned with the SPPU calendar.

Two feedback sessions are conducted each semester, with forms circulated online or offline among students. A Parents-Teacher Meet is also held to inform parents about students' progress. Subject teachers, class teachers, or HODs provide timely updates to students regarding the evaluation process through notices displayed on notice boards, Google Classroom, official WhatsApp groups, and the college website. This structured process ensures effective academic and co-curricular activity management.

File Description	Documents
Upload relevant supporting document	[View File]()
Link for Additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/1.1-Curricular-Planning-and-Implementation-.docx.pdf

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

The academic calendar issued by SPPU is strictly followed by APCOE&R, guiding the planning and execution of all academic and co-curricular activities. The institute prepares an institute-level calendar aligned with the SPPU calendar, which departments adhere to for organizing internal/unit tests, prelim exams, holidays, in-semester (ISE) and end-semester examinations (ESE), as well as events like workshops, industrial visits, guest lectures and alumni meets.

The calendar aids faculty in planning course delivery, research and other academic responsibilities. Department heads monitor syllabus completion as per teaching plans, ensuring timely coverage. Continuous Internal Evaluation (CIE) comprises unit tests, assignments, quizzes, seminars and prelim exams. Question papers and evaluation schemes for these assessments are prepared by subject teachers, reviewed by the Head of Department, and conducted as per a predefined timetable. Post-assessment, answer sheets are evaluated and CO-PO/PSO attainment is calculated.

Laboratory courses, project work, seminars and internships are also evaluated under CIE, with components like experiment conduction, viva and record submission. The Principal, through academic HoD meetings, regularly reviews semester progress and provides guidance. In case of revisions to the SPPU calendar, necessary adjustments are made by the IQAC Cell to ensure adherence to updated schedules.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/1.1-Curricular-Planning-and-Implementation-.docx.pdf

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	A. All of the above

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

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	**No File Uploaded**

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

18

File Description	Documents
Any additional information	**No File Uploaded**
Minutes of relevant Academic Council/ BOS meetings	View File
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)

624

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

624

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

In order to integrate the cross cutting issues relevant to gender, environment and sustainability, human values and professional ethics, the College has offered different types of courses in the curriculum given by Savitribai Phule Pune University (SPPU), to enhance professional competencies, inculcate general competencies like social values, human values, environment sensitivity etc.

1. Gender Sensitivity

The institute has offered courses related to gender sensitivity included in the syllabus offered by SPPU.

Audit course of Human Behaviour (404196B) was offered to final year Electronics & Telecommunication Engineering students. On completion of the course, students have observed change in awareness levels, knowledge and understanding of students, change in attitudes / behaviour of students with regards to their education, improved teamwork, institutional leadership and other life skills.

Audit course of Environmental Studies (101007) was offered to First Year Engineering students. On completion of the course, students will be able to demonstrate an integrative approach to environmental issues with a focus on sustainability.

Audit Course of Professional Ethics and Etiquettes (314449) was offered to third year Information Technology students. On completion of the course, students will be able to summarize the principles of proper courtesy as they are practiced in the

workplace.

File Description	Documents
Any additional information	**No File Uploaded**
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

345

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

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

649

File Description	Documents
Any additional information	**No File Uploaded**
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	https://abmspcoerpune.org/wp-content/uploads/2024/12/1.4-Feedback-System.docx.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	View File
URL for feedback report	https://abmspcoerpune.org/wp-content/uploads/2024/12/1.4-Feedback-System.docx.pdf

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

363

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

273

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

Students enrolled in the respective department are identified as slow & advanced learners based on the performance & responses in the class and during internal assessment. The institution uses monitoring and mentoring to maintain the track of slow learner's progress. Along with faculties as mentors and with some advanced learners are encouraged to mentor slow learners without any barriers to prolong their learning abilities. Additional efforts if required are taken through teaching through revision classes, interactive sessions, and fun and learn activity, arranging and conducting expert lectures. Advanced learners are encouraged to participate in GATE, competitive examinations and other value added courses available at online offline platforms to make them self-industry ready. Personality Development programs are organized to enhance the commendable employability of the students through following activities:

Slow learners: Counseling, Remedial Coaching, Extra notes, Group discussion session, internal examination process, Encouragement in NSS, Sports, and academic activities.

Advance learners: Advance notes, Seminar sessions, Participative learning session's i.e Engineers Day & Teachers Day, Projects, Assignments. To enhance their confidence level, the department conducts different activities such as NSS, Technical cum Cultural, and Sports to develop their overall personality.

File Description	Documents
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/2.2.1-Weak-and-bright-students.pdf
Upload any additional information	**No File Uploaded**

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

Number of Students	Number of Teachers
1517	**103**

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

Anantrao Pawar College of Engineering and Research, Pune believes in the adoption of students centric methods to enhance student involvement as a part of participative learning and problem solving methodology. Role Plays, Team works, Debates, Seminar Quizzes and Case studies, Field Visit, Industrial visit & guest/expert lectures. Specifically Students Centric (SSC) teaching Methods are reflected in project work etc

Experiential Learning through:-Project work, Mini project, Major Projects, Internship or Field Projects in industry

Participation and learning:- At various level, Field Visits, Industrial Visits, Guest Lecture, Teamwork, Group work Innovation Club:- Research activities are conducted in each Department under the guidance of senior faculty and innovation club members where the students of different semester get knowledge about emerging area and help them to promote in research and innovation aptitude.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/2.3.1_Experiential-Learning_Participation-in-competition-at-various-level-1.pdf

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

In the technological era, it is essential for the students and faculties to teach and learn the latest technologies in order to enhance teaching learning capacities. As a consequence, faculties are combining technology with traditional mode of instruction to engage students in long term gaining through the learning. The institute uses Information and Communication Technology (ICT) tools in day to day teaching and learning to support the effective delivery of educational objectives. The tools are used by the Institute are as follows:-

ICT Tools:

1. Projectors- Projectors are available in different classrooms/labs

2. Desktop and Laptops- Arranged at Computer Lab and Faculty cabins in the institute,

3. Printers- They are installed at Labs, HOD Cabins and other easy accessible places.

4. Photocopier machines - Multifunction printers are available at all easy accessible places in the institute.

5. Scanners- Multifunction printers are available at all easy accessible places.

6. Seminar Halls- Seminar halls are equipped with required digital facilities.

7. Smart Screen- Smart screens are installed in each department.

```
8. Interaction through- Zoom meeting, Google Meet, Microsoft
Team, Google Classroom

9. MOOC Platform (Swayam, NPTEL, Coursera, Edx etc) 10. Digital
Library resources (J-Gate, NDEL etc)
```

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

```
103
```

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

```
103
```

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
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

17

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

408

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.

The Institute has developed a comprehensive system to assess students through different criteria ensuring transparency, frequency and mode. Details are as follows:

Internal Examination

Students are evaluated based on marks scored in two unit test and prelim as internal assessment examinations, conducted in each semester Presentations

Students must present a subject-related topic presentation in
every subject in each semester, they refer to online e-
resources and cite related illustrations to strengthen their
presentation skills.

Mock VIVA-VOCE Panel of internal examiners asks questions to
students pertaining to every subject. Students are evaluated
based on their understanding of the subject and their answering
ability.

Assignments

Students are given subject assignments, for which they need to
refer books and journals, and other e-resources. In addition to
the above multi-dimensional evaluation mechanism, the following
measures further consolidate transparency in the system.
Evaluation criteria are informed to students well in advance,
through induction program and class interaction. Internal
assessment marks are finalized in the faculty meetings as a
measure of internal check and IQAC.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/2.5.1_TW_Sample.pdf

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

Redressal of grievances at institute level

- Departmental Level: The continuous evaluation of students
  is carried out by faculty regarding theory lectures,
  labs, assignments, unit tests. The mid term-end term
  marks are allotted based on defined strategies and
  displayed on notice board. Query if any is discussed with
  faculty and HOD.

- Institute Level: The Institute appoints a Senior
  Supervisor for smooth conduction of examinations of SPPU.
  If students are facing any problems, they are solved by
  the institution CollegeExamination Officer (CEO)
  appointed by the university. The grievances during the
  conduction of online/theory examinations are considered

and discussed in consultation with the Principal of institute and if necessary forwarded to the university by examination section.

- Redressal of grievances at University level: The queries related to results, corrections in mark sheets, and other certificates issued by university are handled at SPPU examination section after forwarding such queries through the college examination section. Students are allowed to apply for revaluation, recounting and challenge evaluation by paying necessary processing fees to the university if they are not satisfied with the university evaluation through the institute.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/2.5.2_grienvance.pdf

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 institute adopts Outcome based education rather than input oriented bell shaped curve of learning.

The following mechanism is followed Graduate attributes are described to the first year students at the commencement of the programme. Learning Outcomes of the Programs and Courses are observed and measured periodically. Curriculum and Learning Outcomes of Programmes and Courses are uploaded on the Institution website for reference. The learning outcomes have been communicated to the faculties in IQAC meetings. The students are also communicated about the POs, PSOs and Cos through tutorial meetings. Use software tools and coding at a level necessary to perform mathematical operations, statistical analysis and simulations in solving complex problems.

Use basic laboratory equipment correctly and effectively in order to conduct measurements, and analyze and interpret the

results, including a quantitative understanding of
uncertainties.

Locate existing scientific research relevant to a given topic,
and evaluate its accuracy. Communicate the results of
scientific work effectively, making use of clear and well
organized writing and presentation skills, and employ equations
and visualization tools as needed.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/2.6.1-Additional-Information.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 Programme outcomes (POs), Programme specific outcomes
(PSOs) and Course Outcomes (COs) are evaluated by the
institution and the same are communicated to the students in
the formal way of the discussion in the classroom and
departmental notice board.

The level of attainment of POs, PSOs and COs are followed by
formal mechanisms for the measurement. The mechanism is as
follows:-

The institute followed the Academic Calendar of our affiliated
university. All the subject teachers maintained an Academic
Diary in every academic year. All the subject teachers prepared
Semester-Wise evaluation Reports.

Institute considered Feedback from all Stakeholders for the
attainment of PO, PSO and CO. Progression to Higher Studies and
competitive examinations.

(POs) of UG AND PG Program PO1: The students understood the
fundamentals of science and engineering.

PO2: The students' knowledge in engineering and research is enriched.

PO3: Interdisciplinary approach amongst students has been developed.

PO4: Sense of scientific, technological responsibilities, social and environment awareness have been inculcated among the students.

PO5: Students built-up a progressive and successful career in academics, industry and research.

PO6: Students are motivated to contribute in the development of Nation and community.

Attainments of CO's are calculated by using university examination results.

File Description	Documents
Upload any additional information	[View File]()
Paste link for Additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/2.6.2-CO-PO-Attainment-All-Department.pdf

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

257

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	https://abmspcoerpune.org/wp-content/uploads/2024/12/2.6.2-CO-PO-Attainment-All-Department.pdf

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)

https://abmspcoerpune.org/wp-content/uploads/2024/12/2.7.1-Student-Satisfaction-Survey-SSS-on-overall-institutional-performance.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)

11.06

File Description	Documents
Any additional information	*View File*
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

4

File Description	Documents
Any additional information	View File
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

4

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://bcud.unipune.ac.in/Template_Aspire/#

3.2 - Innovation Ecosystem

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

Institute is having an active Innovation Club with the personalities with great experience in their technological fields, who are motivating the faculties for Innovations. The technology and knowledge transfer to Industry/Society is the prime motto for research in the Institute. The faculty data sheets are prepared with their expertise and guided for work in that particular area to bring out solutions to specific problems. Innovation ecosystem is developed by transforming new ideas of students/faculties into reality through facility and financial investment.

APCOER faculties are trained to convert the academic level projects to commercial products through various startups

department wise like Bricks of tamarind, Stick with seat, Software company, Cover Blocks, also known as spacers.

Institute is developing the Incubation Centre for innovation in the Agriculture sector with various Agencies, Associations and Ministries also. Various innovative work is carried out by our different departments like mercury recovery from brunt fluorescent tubes and lamp, computer Engineering and Information Technology department is jointly working on IotPolyhouse projects like Agro-Data, Smart Agrico, E&TC Engineering Department is jointly working on IoT polyhouse projects like AgroSense, Agro Position, Department is also working on various innovative projects like Sensor based agriculture automation for crops like strawberry.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/Achieving-problem-solution-fit-and-product-market-fit-14.02.24.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

12

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

10

File Description	Documents
URL to the research page on HEI website	https://abmspcoerpune.org/rd-cell/
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

45

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

5

File Description	Documents
Any additional information	View File
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

Extension activities in the community help students learn about social issues and support their overall growth. Over the last

five years, several activities were successfully organized.

On September 9, 2023, a tree plantation event saw students and staff actively participating, improving the college's green space and raising awareness about the environment. The Swaccha Sarvekshan Feedback activity on August 11, 2023, involved 58 students who contributed to a cleanliness campaign, promoting responsibility towards the environment. A Speech and Essay Competition on August 28, 2023, had 11 participants, encouraging skill development and academic excellence.

A Self Defense Workshop held on August 10, 2023, at the APCOER campus in Pune, engaged 90 students and raised awareness about self-defense, especially for women. Following this, a New Voter ID Registration Camp on October 26, 2023, helped 167 individuals register and raised awareness about voting and electoral processes.

The NSS Camp from January 9 to January 15, 2024, allows students to participate in community service programs. The Meri Mati Mera Desh Campaign on October 9-10, 2023, fostered patriotism among students, reminding them of the sacrifices made for freedom.

File Description	Documents
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/3.4_NSS-Merge_2023-24.pdf
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

1

File Description	Documents
Any additional information	**No File Uploaded**
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

8

File Description	Documents
Reports of the event organized	View File
Any additional information	**No File Uploaded**
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

8

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
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

10

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

13

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 has up to the mark infrastructure as per requirement of AICTE, DTE and SPPU. The institute has well defined guidelines for creation and enhancement of the

infrastructural facilities in advancement of requirements.

The institute has policy as follows:

- **To carry out preventive maintenance of all laboratory equipment before the commencement of every semester under the departmental internal audit system.**

- **To have easy access to all learning resources library, classrooms, laboratories and porch has Wi-Fi facility.**

- **The institute has 22 classrooms (19 for UG and 3 for PG) well equipped with an ICT facility which enhances the teaching learning process and tutorial rooms.**

- **The institute has 54 well equipped laboratories as per SPPU curriculum. All laboratories are equipped with instruments / Computers and upgrade them from time to time. Institute has Workshop facility for students**

- **Institute has facilities for staff seating and separate cabins for all Head of the Department. An Emergency Medical Facility room with Wheel Chair is set up in the institute building. Separate toilet, lift and ramp is available for Physically Challenged Persons.**

- **The institute has well equipped seminar halls with adequate seating capacity for smooth conduction of events like conferences, seminars and yoga- meditation camp etc.**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/4.1.1-The-institution-has-adequate-infrastructure-and-physical-facilities-for-teaching-learning.pdf

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

The institute organizes sports competitions and cultural events to help students showcase their talents, build leadership skills, and foster teamwork.Prizes and certificates are given annually to encourage participation in sports and cultural activities.A Sports Director is assigned to motivate students, and there are sufficient facilities for outdoor games like cricket, volleyball, football, kabaddi, and tug of war, as well as indoor games such as chess and table tennis. Key sports facilities include a cricket ground, volleyball ground, football ground, ball badminton area, and dedicated space for table tennis, carom, and chess in the Gymkhana hall.There are also areas for yoga and meditation.Annual sports events promote physical and mental well-being, and International Yoga Day is celebrated yearly. Cultural activities are also organized, including Navratri celebrations, Children's Day, elocution competitions, and a youth festival.Technical events like Technothon and Engineers Day are held, featuring performances in singing, dance, and drama.The institute provides a venue for cultural events with necessary equipment.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/4.1.2-The-Institution-has-adequate-facilities-for-cultural-activities-sports-games-indoor-outdoor-gymnasium-yoga-centre-etc.pdf

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

22

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://abmspcoerpune.org/naac21_22_crite_04/naac21_22_crite_4-1-3/
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)

353.37202

File Description	Documents
Upload any additional information	**No File Uploaded**
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)

Integrated Library Management System (ILMS) helps manage library functions. The institute uses both commercial and open-source software for library automation, specifically VRIDDHI Library Module Version 2. 0. This software includes key features like Acquisition, Cataloguing, Circulation, and Serial Control. The Acquisition and Cataloguing modules generate accession register reports. The Circulation module allows for issuing, returning, and reserving books, along with generating various reports and library barcodes, making processes efficient and saving time. The Serial Control module tracks print journals and subscriptions, while statistical analysis on library activity is provided. The system manages fines for late returns or lost items, helping reduce manual record-keeping.

Key features of VRIDDHI ILMS include new student entry, accessioning of materials, circulation, an Online Public Access Catalogue, barcode generation, user tracking, and user ID card generation. The software is obtained from Hindustan Computers, which offers support and maintenance. The college provides a web link for library access and uses Google Sites for remote access to e-books and other resources

LINK FOR VRIDDHI PORTAL:https://apcoer.vriddhionline.com/

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://abmspcoerpune.org/library-details/

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)

14.39399

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

188

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

4.3 - IT Infrastrucure

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

The components of IT infrastructure are made up of interdependent elements, and the two core groups of components are hardware and software. And likewise, an operating system manages system resources and hardware. Sufficient number of computers is allocated to all departments with necessary software and hardware configuration. Network are comprised of Sophos firewall, switches, routers and servers. All computers are well maintained and LAN connected through a dedicated leased line. These are essentially computers that allow multiple users to access and share resources. A central server room is maintained to look after connectivity of all computers and cyber security related issues. Licensed firewall in all the systems help to secure computers from any malware and restrict access to unwanted sites to students. Sufficient number of Surveillance cameras throughout the campus help to maintain a safe and secure atmosphere in campus. Face recognition system is used to record the daily attendance of all the staff members.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/4.3.1-Institute-frequently-updates-its-IT-facilities-including-Wi-Fi.pdf

4.3.2 - Number of Computers

551

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)

74.57

File Description	Documents
Upload any additional information	**No File Uploaded**
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.

Maintenance of laboratory equipment involves codifying the equipment, setting preventive maintenance schedules, performing maintenance and calibration, and keeping records.If equipment breaks down, repairs should be done internally or with external help, and records of these repairs must be maintained.Data on breakdowns should be collected at the semester's end to identify and address recurring issues. For library maintenance, shelves should be kept clean, and naphthalene balls should be placed to prevent damage.Daily cleaning and annual stock verification must be done, along with a report of lost, damaged, or missing books for higher authorities. Student property documentation needs retention according to specific requirements.Admission details should be recorded, and actions regarding retention periods must be decided. For outsourced activities, processes should be evaluated, suppliers selected, and work orders approved.The work must be supervised, and payments processed upon satisfactory completion. In sports, maintain grounds and equipment regularly and ensure proper record-keeping for transactions.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/4.4.2-additional-information.pdf

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

1015

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	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

06

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**

File Description	Documents
Link to Institutional website	https://abmspcoerpune.org/wp-content/uploads/2024/12/5.1.3-Capacity-building-and-skill-enhancement-initiatives.pdf
Any additional information	**No File Uploaded**
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

25

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

25

File Description	Documents
Any additional information	View File
Number of students benefited 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

57

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

16

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	**No File Uploaded**
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

5

File Description	Documents
Upload supporting data for the same	View File
Any additional information	**No File Uploaded**
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.

2

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)

The institute has formed ISTE (Indian Society for Technical Education). ISTE student chapter was established in year 2014.

We are also institutional member of the ISTE. We conduct various events like SPARKTECH technical events, Engineers day etc. All these events are executed under the umbrella of the ISTE. Constitution of the ISTE 1. President 2. Vice President 3. Heads of different committees such as Promotion, advertising. 4. Volunteers. The committee of the ISTE is formed by the transparent selection process and as per the norms laid by the ISTE. The Selection Committee comprises of the Principal, ISTE Faculty coordinators, Student Development Officer, all the Head of the Departments and PG Coordinators. The ISTE committee works as Student Council of our college. Cultural events such as Traditional day are organized and technical events such as Gaming Competitions, Robo war, Seminars, Paper and Poster Presentation are part of SPARKTECH. In view of the objectives of ISTE, it has always been a priority for APCOER to encourage and support our staff and students to organize, participate in various conference, symposiums and trainings. The institute is actively involved in numerous activities at Intra or inter-college levels which aids development and betterment of technical education.

File Description	Documents
Paste link for additional information	https://abmspcoerpune.org/criteria-052023-2024/
Upload any additional information	No File Uploaded

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

20

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

APCOER organizes and supports a comprehensive array of initiatives for students, as well as alumni. These programs are developed to enhance student-to-alumni and alumni-to-alumni bonding. "Recall, Relink, and Rejoice" is the motto of every alumnus get together functions. The alumni association regularly organizes get together events that enable APCOER students and alumni to connect with each other, as well as the faculty members, and staff. The events are fuelled by experience sharing, futuristic approach, business updates followed by entertainment programs with high tea and refreshments. Alumni also take turns to regale students, faculty, and staff by sharing their memories of APCOER days. They promote industry- institute interaction to bridge the gap between industry requirements and academics so that industry ready engineers from the institute can be absorbed in desired industries. They not only guide the students but also help them to get higher education in and outside India. Institute keeps the updated database of alumni to keep them informed about campus activities and institute's progress through Email alerts and social media accounts. Institute arrange seminars where various invited alumni share their success stories and experiences to guide and encourage the students of APCOER in their career as well as education.

File Description	Documents
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/5.4.2-Alumni-Contribution-during-the-year.pdf
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year (INR in Lakhs)	D. 1 Lakhs - 3Lakhs

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 OF THE INSTITUTION:

- **Committed to comprehensive development of students through quality technical education.**

MISSION OF THE INSTITUTION:

- **To provide state of art infrastructure that shall create ambience to encourage novel ideas, research activities and consultancy services.**

- **To inspire students in creation & entrepreneurship.**

- **To create future technocrats with intelligence, technical skills & good ethical moral values so as to serve needs of society & industries.**

- **To provide healthy Teaching – Learning environment that will cultivate contemporary research activities, innovations & inventions.**

- **To develop center of excellence in technical education**

The institute operates under the Akhil Bharatiya Shikshan Parishad, focusing on the welfare of the common people. Inspired by figures like Mahatma Phule and Dr. Babasaheb Ambedkar, it aims to empower disadvantaged groups.

Key points include: • The vision is communicated throughout the institute with various committees ensuring efficient operations. • The College Development Committee (CDC) guides academic and administrative planning through participatory decision-making. • The Internal Quality Assurance Cell (IQAC) oversees academic scheduling and audits. • Various committees ensure compliance with regulations, address grievances, and support marginalized students.

In conclusion, the institute has established numerous committees to ensure effective governance and address the needs of students and staff.

File Description	Documents
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/6.1.1-Proof.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.

The college involves all stakeholders in decision-making to create effective operations guided by its vision and mission. The principal and faculty collaborate on a quality policy for student development. Responsibilities are decentralized among the Principal, Heads of Departments, and the Registrar to enhance administration.

The financial authority policy allows the Principal to approve expenses within the budget and urgent cases needing post-approval. The Principal can sanction up to Rs. 30,000 monthly, while HODs can approve up to Rs. 5,000. The college follows ISO quality assurance for effective services.

File Description	Documents
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/6.1.2-proof.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Anantrao Pawar College of Engineering and Research Organized "APCOER TECHNOTHON-2024." National Level Offline Project/Paper/Poster/Start up Competition for Diploma students in association with Maharashtra State Board of Technical Education, Mumbai on 03/04/2024 and 04/04/2024.The basic purpose is to provide a state level platform for diploma students to present their technical innovations.

Application for permission is given to the Principal of the Institute. The Head of departments and Principal of Institute has discussed this event. Permission was taken from management. Permission is taken from the Secretary, MSBTE for using the MSBTE logo in our technical event brochure. Meeting was organized by the Event Coordinator in presence of all Head of department. The Date and schedule of the event was finalized. Coordinators were appointed to carry out activity. Registrations of students were done online by filling up an online Google form.

Paper , Project , start up and Poster Competition activity was conducted smoothly. Groups were divided among the evaluators and the competition was held smoothly.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/6.2.1_strategic-plan.pdf
Upload any additional information	View File

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.

The functioning of APCOER is based on hierarchy that is shown in the organogram. At the top are the governing body of the trust .

The Principal forms the connecting link between various statutory bodies on campus (of which he may be a member) and the CDC of the college. This helps him understand the pulse of the college and empowers him to make informed choices and take decisions that will benefit the entire college. The Office Superintendent, Heads of departments and the corrdinators of other committees report directly toIQAC Coordinator.

The Office Superintendent is overall in-charge of non-teaching staff. All staffreport to the Head of department. All the Statutory bodies on campus function as per the norms set down by the AICTE,Savitribai Phule Pune University and ABMSP.APCOER has several committees handling different aspects that need attention to ensure the smooth running of academics/administration/ cultural development/ social involvement/inclusion to name a few. All the convenors report to the Principal as per requirement. All financial matters have to be discussed in advance with the Principal. We see that there is both an interconnection and decentralization in the functioning of the various bodies on campus.

File Description	Documents
Paste link for additional information	https://abmspcoerpune.org/a-b-m-s-parishad-history/institute-structure/
Link to Organogram of the institution webpage	https://abmspcoerpune.org/a-b-m-s-parishad-history/institute-structure/
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

The institute offers various welfare schemes to ensure that employees are efficient, healthy, loyal, and satisfied.It encourages staff development through professional activities. The Employees Provident Fund (EPF) is available for both teaching and non-teaching staff.Maternity and medical leaves are provided to all staff members, along with earned leaves. The institute promotes staff motivation for attending orientation, refresher, and short-term courses, offering them duty leaves.It also supports faculty in pursuing higher education, providing resources like libraries and laboratories, as well as duty leaves and No Objection Certificates. Teachers' academic performance is recognized annually on Teacher's Day with awards and certificates.Cultural activities involving staff and students foster overall development.A performance-based appraisal system is used for staff promotion, requiring detailed annual contributions from teaching and non-teaching faculty.

File Description	Documents
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/6.3.1.pdf
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

4

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

03

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	View File
Upload any additional information	**No File Uploaded**
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

36

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	**No File Uploaded**
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 System: for Teaching Staff the Institution follows the Performance Appraisal System laid down by the ABMSP trust. Confidential Report of Teaching and Non-Teaching Staff is prepared by the Principal of the College every year. A very systematic and effective Performance Appraisal System of the College is in place for all Teaching and Non-teaching Staff Members. Through these appraisals the College encourages faculty member's professional growth and development. The Process is designed to explore the individual professional skills and progress of employees and their participation in Academic, Research, Curricular and Co-curricular activities which in turn lead to the overall development of the Institute. The Performance Appraisal System is implemented for both teaching and non-teaching staff. Term-end report of the staff is acknowledged by Principal of college and is referred for the promotion college collects feedback from all its stakeholders. The analysis of feedback helps in taking necessary actions and also in improvement of the performance of the teachers. The performance appraisal system is channelized through confidential reports. Every member of the Administrative staff has to fill this form and hand it over to Office Superintendent (OS) of the college. OS adds his own observations and comments and forwards it to Principal for final remark.

File Description	Documents
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/6.3.5_Institution-performance-appraisal-system-for-teaching-Non-teaching-staff-1.pdf
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 has appointed Internal and external auditors. The Internal and External audit is held in every financial year.

Anantrao Pawar College of Engineering Research, Parvati, Pune has appointed external auditors. Generally, the External audit is held in March every year.

Mechanism for Internal Audit:

- The College Development Committee appoints internal auditors for conducting internal audit.

- The Accounting auditor looks after the internal audit to verify that actual expenses are not exceeded the budgeted amount and it is presented to the certified Chartered Accountant.

- The Principal and accountant take care of doing compliance of the objections raised if any.

- Internal audit is carried out by internal auditors.

Mechanism for External Audit:

- The board of management appoints external auditors for conducting external audit of the institutes.

- **The statutory audit is conducted by registered Chartered Accountant firm.**

- **This audit includes examining, on a test basis, evidence supporting amounts and disclosures in the financial statements.**

- **Audit also includes accessing the accounting principle used and significant estimates made by management, as well as evaluating the overall financial statements.**

- **No minor and/or major objections have been raised in the external audit.**

- **The statutory audit is conducted by registered Chartered Accountant firm.**

File Description	Documents
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/Financial-Audit-Report-2023-24.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)

6.07502

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
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

The institution uses various strategies to gather and use resources and funds from both government and non-government sources. The main income comes from student tuition and development fees, along with grants and schemes. These funds cover both recurring and non-recurring expenses.

The institute has a budgeting system for regular expenses, including staff payments and maintenance. Each department prepares an annual budget with help from faculty and submits it to the Principal. After discussion, it is included in the institutional budget for management approval.

Procurement for lab supplies and equipment is handled by departments, and budget preparation occurs in March/April, while syllabus revision and fee allocation take place in June/July, which may lead to differences in budget usage.

File Description	Documents
Paste link for additional information	https://abmspcoerpune.org/wp-content/uploads/2024/12/Budget-2023-24_compressed-2.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

The Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. The IQAC committee is formed at the

institute level, by following the norms of University Grants Commission. The quality assurance strategies and processes are discussed and formed in the meeting of the IQAC committee.

Strategies and procedures like conducting academic audit of all departments twice in a semester by appointing auditors for each individual faculty member to ensure the standard quality of

academics delivery to the students. In addition to this, the IQAC conducts various programs at the institute level, which

includes study abroad options for engineering students, robotic
design, NBA awareness lecture series for faculties like SWOT
analysis- PQR and SAR, Project based

learning and Innovation, and Alma-Connect Programme for
institute alumni.

File Description	Documents
Paste link for additional information	https://whttps://abmspcoerpune.org/iqac
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

The Internal Quality Assurance Cell (IQAC) has contributed
significantly for institutionalizing the quality assurance
strategies and processes. The IQAC committee is formed at the
institute level, by following the norms of University Grants
Commission. The quality assurance strategies and processes are
discussed and formed in the meeting of the IQAC committee.
Strategies and procedures like conducting academic audit of all
departments twice in a semester by appointing auditors for each
individual faculty member to ensure the standard quality of

academics delivery to the students.

IQAC prepares the academic calendar for the institute as per
the guidelines received from Savitribai Phule Pune University.
Once the academic calendar is circulated in the institute, the
various departments run all the academic activities as per the
schedule declared by IQAC in the academic calendar. Timely
student feedback, internal academic audit are the important
milestones to ensure the quality of teaching maintained through
IQAC. The auditors conduct an audit as per the schedule given
by the IQAC head, and completes the audit in the form of a
report. Those audit completed reports are available with all
individual faculties in their course files, with the
departmental ISO coordinators, and with the IQAC team as well.

File Description	Documents
Paste link for additional information	https://whttps://abmspcoerpune.org/iqac
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	https://abmspcoerpune.org/wp-content/uploads/2024/09/6.5.2.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 conducts regular gender equity promotion programs. Guest speakers from prominent fields are invited to speak on the given topic, which highlights the importance and contribution of women in society. The institute is co-educational. The institution promotes gender sensitization through co-curricular activities like workshops, seminars, guest lectures, counseling etc.

The Institute has the following facilities:

Safety and Social Security:Security guard team is assigned with duties. The entire campus is under CCTV surveillance.

Counseling:The institution has appointed a 'Guardian faculty member' to students in groups. Each faculty is assigned with a specific number of students to cater to their psychological and emotional needs. Students are ensured that the counseling shall be one – to – one and complete confidentiality will be maintained.

Common Room:Common Rooms for girls with hygienic toilets is available in the campus, there are separate washroom for girls and boys on each floor

Maternity leaves for ladies faculties: Female employees get maternity leave, child care leave can be availed if required.

Fostering a safe working environment to all: The institute ensures that posters promoting gender equity & sensitization are placed on the common areas. Required contact numbers are displayed in easily visible areas.

File Description	Documents
Annual gender sensitization action plan	https://abmspcoerpune.org/wp-content/uploads/2024/12/7.1.1-action-plan-1.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	https://abmspcoerpune.org/wp-content/uploads/2024/09/7.1.1.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	No File Uploaded

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

Solid Waste Management:

The solid waste generated in the institute premises by dry tree leaves, raw kitchen waste (from canteen), chocolate rapers or any other packaging waste etc. is collected various locations of the entire premises and kept in one place. Further the PMC Garbage collection vehicle collects the solid waste from premises.

E-waste management:

Keeping in mind the global hazards of electronic waste, we are sincerely trying and putting our best foot forward to deal with any electronic waste that will be generated in future. We have

collaborated with "COPORR APEC PVT. LTD.", for the proper disposal of e-waste. Students and staff are encouraged to deposit the e-waste generated at a specific location in every department, dedicated for collection of e-waste.

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	A. Any 4 or all of the above

Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	

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	No File Uploaded

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	No File Uploaded
Any other relevant information	No File Uploaded

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

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	View File
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).

The institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination.

Though the institution has diverse socio-cultural background
and different linguistic, we do not have any intolerance
towards cultural, regional, linguistic, communal socio economic
and other

diversities. With great fervor the national festivals, birth
anniversaries and memorials of great Indian personalities are
celebrated in the institute every year. The institution
organizes

two days Youth and Cultural festival. NSS Unit of our college
organizes various programmes related to social issues.
Motivational lectures of eminent persons of the field are
arranged

for all-round development of the students for their personality
development and to make them responsible citizens following the
national values of social and communal harmony and national

integration. Besides academic and cultural activities, we have
a strong infrastructure for a variety of sports activities for
the physical development of the students. In this way the
institute's

efforts/initiatives in providing an inclusive environment for
everyone with tolerance and harmony towards cultural, regional,
linguistic, communal socioeconomic, and other diversities.

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	No File Uploaded

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

The institute is committed to fostering an environment where
students not only excel academically but also develop a strong
sense of responsibility towards society, ethics, and
sustainable living. By integrating programs that focus on
cultural heritage, environmental sustainability, and social
awareness, the institution ensures that students are well-
rounded individuals prepared for both professional success and

responsible citizenship. Through activities such as seminars, workshops, and interactive sessions with experts, students are encouraged to reflect on their roles as responsible members of society and contribute to causes like environmental conservation, cleanliness, and social equity. The institute conducted awareness programs on the ban on plastics, cleanliness, Swachh Bharat, etc. involving students. The institute also prioritizes the development of a moral and ethical framework by offering courses on topics like Professional Ethics, Human Values, and the Constitution of India, ensuring that every student internalizes the importance of rights, duties, and constitutional values. Additionally, the NSS unit plays a vital role in promoting community engagement and addressing contemporary social issues, encouraging students to actively participate in the nation-building process. The institute's code of conduct, supported by clear policies and guidelines, ensures a disciplined, respectful, and inclusive atmosphere for both students and staff.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://abmspcoerpune.org/facilities/national-service-scheme/
Any other relevant information	https://abmspcoerpune.org/wp-content/uploads/2024/08/Code_of_Conduct.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	No File Uploaded

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

National/International commemorative days are regularly being celebrated and observed in our institute. Republic Day is celebrated every year on January 26 to commemorate the adoption of our constitution. Various formal events including flag hoisting and march-past are organized , which are followed by a "constitution awareness program" where students and staff members are made aware of their duties towards our nation and rights given to them by our constitution. Every year on August 15, Independence Day is a grand event marked with the flag hoisting by the Chief Guest and Parade is performed 2nd October Mahatma Gandhi Birth Anniversary A standout amongst the most mainstream events in India , Gandhi Jayanti is praised in our Institute on 2nd October consistently to stamp the birth commemoration of Mahatma Gandhi. 31st October Ekta Divas Birth Anniversary of Hon. Sardar Vallabhai Patel is celebrated as National Unity Day.

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	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC

format provided in the Manual.

The Innovation Club aims to raise awareness and foster a culture of innovation among students and faculty to encourage creativity and new ideas. Its objective is to help participants focus on future technology trends, providing opportunities for project development during their studies.It identifies experienced mentors in various engineering fields who guide students and faculty in research projects. The club operates on four key elements: Association, Ideation, Execution, and Value Establishment, which help discover new opportunities and solutions to existing problems.

The club holds regular meetings involving members, students, and faculty to generate ideas and share innovations. It invites stakeholders to present their innovative projects and organizes seminars, webinars, and workshops to inspire creativity. Activities like quizzes, debates, and competitions promote awareness of innovation within APCOER.

The ISTE Student Chapter focuses on providing quality training for teachers and administrators in technical institutions to improve their skills and support the creation of high-quality engineers. Founded in 1941, the ISTE has grown to enhance technology education and established its student chapter at APCOER in 2014.

APCOER encourages participation in conferences and symposiums, leading to valuable collaborations that enhance technical education.

File Description	Documents
Best practices in the Institutional website	https://abmspcoerpune.org/wp-content/uploads/2024/12/7.2-Best-Practices.pdf
Any other relevant information	https://abmspcoerpune.org/rd-cell/ecosystem-for-innovation/

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 ABMSP's APCOER in Pune offers affordable, personalized technical education to a diverse student body since its

establishment in 2012. It includes students, faculty, and staff from various backgrounds.

APCOER has created a company focused on patented technology to recycle and derive value from waste, aiming to reduce negative impacts from unsustainable practices while promoting social and environmental protection.

The APCOER ISTE Student Chapter encourages staff and students to engage in various technical education activities. Additionally, APCOER has a Technology Business Incubator to foster entrepreneurship through knowledge-based innovations, with startups like Bricks of Tamarind, Asra, Cover Blocks, Mini Vita, APCOER Balaji Phenyl, and software companies Web Viva and Sharadchandra Tech Venture.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

1. To submitproposal for NBA accreditation for Electronics and Telecommunication Engineering,Information Technology Engineering, Computer Engineering followed by Artificial Intelligence & Data Science Programs.

2. To provide consultancy in the field of Software Development, IOT, AI and Data Science, Machine Learning, Prototype making through 3D Printing and Civil Engineering - Plumbing.

3. To promote research in the fields of Engineering & Technology.

4. To adopt NPTEL/ATAL/SWAYAM courses as a curriculum enrichment program for faculties as well as students under IQAC.

5. To conduct Skill Development & Technical Trainings under , Vidya Leap, Qspider and Eduskills- Train the Trainer programs which will help impart knowledge of various high end and latest tools and skills in students.

6. To enhance linguistic skills of students, Institute will

consistently continue German & Japanese language Courses delivery in CAMPUS under Rajashri Shahu Academygoverned by ABMSP.

7. Institute has planned to organize various socio-cultural events Garbha Raas, Deepavali Deeparambha Diya Lightning, FUNFAIR cum business sale stalls, for students in CAMPUS under Heritage Club and promote its students to participate in inter and intra collegiate events as well.

8. The institute has planned MEGA CAMPUS PLACEMENT DRIVES for eligible students in Community twicea year.