



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution

Amrutvahini College of Engineering, Sangamner

• Name of the Head of the institution

Dr. M. A. Venkatesh

• Designation

Principal

• Does the institution function from its own campus?

Yes

• Phone no./Alternate phone no.

02425259148

• Mobile no

9972132130

• Registered e-mail

principal@avcoe.org

• Alternate e-mail

mavenka@gmail.com

• Address

Amrutnagar, Ghulewadi Tal - Sangamner, Dist. -Ahmednagar Pin code - 422608

• City/Town

Sangamner

• State/UT

Maharashtra

• Pin Code

422608

2.Institutional status

• Affiliated /Constituent

Affiliated

• Type of Institution

Co-education

• Location

Rural

- Financial Status **UGC 2f and 12(B)**
- Name of the Affiliating University **Savitribai Phule Pune University**
- Name of the IQAC Coordinator **Dr. B.S. Borkar**
- Phone No. **9822579911**
- Alternate phone No. **02425259017**
- Mobile **9822579911**
- IQAC e-mail address **iqac@avcoe.org**
- Alternate Email address **bharat.borkar@avcoe.org**

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

<https://avcoe.org/agar.php>

4. Whether Academic Calendar prepared during the year?

Yes

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

https://avcoe.org/academic_calendar.php

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.01	2016	17/03/2016	16/03/2021
Cycle 2	A+	3.40	2021	22/11/2021	21/11/2026

6. Date of Establishment of IQAC

02/01/2015

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
Computer/ Prof. R.L. Paikrao	NVIDIA GTC	NVIDIA	2023	16500.00
Computer/ Prof. R.L. Paikrao	E-Content Development	SPPU, Pune	2024	100000.00
Electrical/ Prof. Vijay Kumar	ASPIRE Research Mentorship	SPPU, Pune	2024	193000.00
Information Technology/ Dr. B.S. Borkar	AICTE Training & Learning (ATAL) Academy Programme	AICTE, New Delhi	2023	350000.00

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

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

9. No. of IQAC meetings held during the year **4**

- 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)

The IEEE Chapter had been started & conducted various programs/ initiatives

The intake of E & TC Engg. and Info. Tech. had been increased from 60 To 120

The Electrical Engg. students won the First Prize in state level project exhibition "Dipex-2023".

The process of Incubation Centre establishment had been initiated

In the academic year 2023-24, total 785 students got placements in various MNCs or esteemed Companies & 100% enrollment in the Academic Year 2023-24

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
Upgrading Facilities, to start new projects and product Development for all Institutes and Industry	In accordance with Research and Development Cell, process initiated for Center of Excellence, Innovation & Incubation.
Transition of ISO 9001:2015 standard to ISO 21001:2018 Standard Educational Organizations Management Systems (EOMS) for Institute	ISO 21001:2018 Standard Educational Organizations Management Systems (EOMS) for Institute had been initiated
Application for ranking under NIRF, CSR and CII will be initiated	Applied for NIRF, CSR and CII Ranking
Institute is planning to adopt Certification/ Add-on courses through various departments	Activities were planned and conducted for VALUE ADDITION AND SOFT SKILL DEVELOPMENT of students through EDP Cell
Institute has planned to increase publications in UGC listed journals	New Policy had been framed & implemented for providing special incentives to first/second/third author for Research Paper Publication in SCI/ Scopus/ UGC
Lab. Development for increase in	The initiative had been taken &

intake of Info. Tech. and E & TC Engg. branches	completed as per requirement
The Institute is planning to apply for the increase in intake from 60 To 120, for the courses i.e. Artificial Intelligence & Data Science and Electrical Engg	The AICTE has granted the permission to increase in intake, from 60 to 120 of AI & DS and Electrical Engg. courses, from Academic Year 2024-25
Nomination for Board of studies, Senate and Council at SPPU, Pune.	Three faculty members of Mechanical, Civil & E&TC Engineering courses elected as a member of respective Board of Studies at SPPU, Pune
Restructuring of various policies are in line with today's requirement at Institute level	The organization chart has been restructured for better Administration as well as roles and responsibilities are also redefined accordingly
The Institute is planning to start the IEEE Chapter	The IEEE Chapter had been started & various initiatives/ programs conducted under this Chapter

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

- Name of the statutory body

Name	Date of meeting(s)
Governing Council (GC)	28/07/2024

14. Whether institutional data submitted to AISHE

Part A

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Year	Date of Submission
2022-2023	28/02/2024

15. Multidisciplinary / interdisciplinary

To develop an understanding about the implementation of NEP in higher education. Already we are using different innovative

methods and techniques like Blended learning, team teaching, correlation, integration to provide multidisciplinary and interdisciplinary experiences. As an when University prepares or provides a curriculum or guideline to implement the multidisciplinary / interdisciplinary structure of New Education Policy the AVCOE will abide by it. This institution has already proposed and started creating enough infrastructure and planning to allow such facilities.

16.Academic bank of credits (ABC):

The Academic Bank of Credits (ABC) will be of great help to the students. . It will allow students to take courses as per their vocational, professional, or intellectual requirements. It will also allow them for suitable exit and re-entry points. This will enable students to select the best courses or combinations that suit their aptitude and quest for knowledge. The ABC can allow students to tailor their degrees or make specific modifications and specifications rather than undergoing the rigid, regularly prescribed degree or courses of a single university or autonomous college. We are a Local Chapter of NPTEL, SWAYAM. Our students are taking courses through online mode through National Schemes like SWAYAM, NPTEL etc. The Academic Bank of Credit concept is yet to be implemented by the affiliating university, we are waiting for university guidelines to implement ABC. For this purpose, the university has constituted a committee to prepare a path for effective integration of ABC in its academic programs.

17.Skill development:

The NEP 2020 envisioned for the holistic development of youth with emphasis on raising Gross Enrolment Ratio (GER) but also on skill development as the main factor to make mission 'Self Reliant India' possible, there is revived approach towards running vocational courses to be offered by higher education institutes. UGC has introduced DeenDayal Upadhyay KAUSHAL KENDRAS (DDUKK) for promoting vocational education in continuation to its initiatives for introducing community colleges and B.Voc. Programmes realizing the importance and the necessity for developing skills among students, and creating work ready manpower on large scale.

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

Indian Knowledge system will include knowledge from ancient India to modern India and clear sense of India's future aspiration with regard to education, health and environment. AVCOE celebrates

Marathi day to encourage Marathi learners and understand the cultural values permeated by the literary works in Marathi. Through Drama and art in education we provide them exposure toward Indian culture. The college is planning to host events, lecture series and performances open to the larger community to promote Indian Knowledge Systems, languages, culture and values.

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

AVCOE has adopted Outcome Based Education (OBE). Learning Outcomes have been appropriately defined at Program & course level and appropriate learning experiences are designed and delivered to facilitate attainment of the stated learning outcomes. Outcomes are assessed and attainment analytics are used to improve the academic quality

20.Distance education/online education:

Institute has successfully imparted its course content delivery in online mode during the Pandemic (COVID-19) and also conducted online examinations successfully by using our own team. AVCOE is a Local Chapter of NPTEL/SWAYAM Courses and providing opportunity to the teachers and students to learn online to enhance their knowledge and professional skills. For increase in focus on the skill improvement and competency development of the students, it is essential that an identified set of skills and values will be incorporated into higher education

Extended Profile

1.Programme

1.1 643

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

File Description	Documents
Data Template	View File

2.Student

2.1 3131

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2

508

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

774

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1

168

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2

185

Number of sanctioned posts during the year

Extended Profile

1.Programme

1.1 643

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

File Description	Documents
Data Template	View File

2.Student

2.1 3131

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 508

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

File Description	Documents
Data Template	View File

2.3 774

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 168

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2	185
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File

4. Institution

4.1	62
Total number of Classrooms and Seminar halls	
4.2	111293731.74
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	1299
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

The Institution ensures effective curriculum delivery through a well-planned and documented process through structured committees.

- Curriculum and academic calendar are designed and published by the Savitribai Phule Pune University. Before commencement of each semester, principal conduct meeting with HOD's and finalize the academic calendar considering the institute events. All departments prepare their academic calendar accordingly.
- Subject allocation of faculty is done as per specialization and their choice. Subject distribution is planned well in advance for proper academic implementation.
- Time tables are prepared, preserved and displayed with prior approval of HOD and Principal. Course file, Lab manual, theory and practical teaching plans are prepared

by faculty of the respective subject allotted before commencement of semester.

- Report of syllabus coverage, monthly class attendance and test marks are submitted to IQAC, Principal at the end of every month by HOD.
- Academic progress, grievances, feedback from stakeholders are taken and conveyed to Principal for strengthening curriculum delivery and overall improvement.

Based on result analysis and attainment of CO, PO and PSO corrective action are suggested and implement in subsequent academic year.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	NIL

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

- According to SPPU's directives, academic calendars are prepared at institute level. Based on this calendar, departments prepare their calendars.
- Department monitoring activities smooth lectures and practical sessions. Student is daily in Sackinfo ERP software. Absences are communicated to parents via SMS.
- Class tests, assignments, seminars, tutorials, guest lectures, industry visits, value-added courses, alumni interaction and other activities are scheduled according to the academic calendar. When a student's performance is poor or he or she is absent, the parents of that student are contacted for counselling through counsellor and corrective action.
- The continuous assessment of Practical/Term work is done based on record conduction and viva (RCV/ACO). On the basis of record conduction and viva (RCV/ACO), the continual assessment of Practical/Term work is done.
- For both slow and advanced learners, the learning process is organized according to a schedule.
- Periodic audits and compliance with statutory requirements are used to ensure continual improvement. A quality management system based on IQAC guidelines is used to create a strong teaching learning process.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	NIL

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	View File

1.2 - Academic Flexibility

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

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

16

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

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

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)**26**

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
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**1480**

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**

The curriculum has incorporated environment and sustainability issues in few courses are as follows: Architectural Planning and Design of Buildings: From this course students learn- to develop optimum planning, utilization of resources, how to use building byelaws, green building concept, etc Environmental Engineering: This course highlights the aspects related to air pollution, noise pollution, low cost waste water treatment systems. Geotechnical Engineering: Energy Audit and Management, Material Science.

The curriculum has incorporated Human Values issues in few courses are as follows: Industrial and Technology Management, Information and Cyber Security, Road Safety Management The curriculum has incorporated Professional Ethics issues in few courses are as follows: Total Quality Management and Management Information System. Gender equality issues as part of the

curriculum is covered in co-curricular activities.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

109

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

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

2604

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

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the

A. All of the above

syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	
File Description	Documents
URL for stakeholder feedback report	NIL
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	View File
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	NIL
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	
883	
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	

765

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

The institution assesses the learning levels of the students and organizes special Programs for them.

Evaluating learning levels and implementing targeted programs for both advanced and slow learners is essential for addressing student diversity. The institution has a policy in place to identify these learners and organizes various activities tailored to their needs. The identification process for slow and advanced learners relies on the following criteria:.

Sr. No

Parameter

Weight age in%

1

Performance in unit test

15

2

Academic performance

50

3

Class/Subject teachers' feedback

10

4

Activity Participation

25

The students securing marks below 40% are Slow Learners and the students securing more than 75% are Advanced Learners.

1. Advanced Learners

- Expert sessions from Industry/Academia on technology
- Opportunity to co-ordinate State/National level
- Study group system with slow
- Buddy Alumni Scheme for career and skill
- Guidance for GATE, MPSC, UPSC, CAT
- Financially supported for professional bodies membership like
- Registration fees to participate and present papers in Workshops/Seminars, Conferences and Collegiate competitions.

1. Slow Learners

- Simple but standard course material, recorded video
- Learning Practice session for detailed discussion on syllabus
- The tutor's interaction with students and
- Buddy Alumni scheme for career guidance and
- Need-based counseling by a professional
- Makeup classes for DSE
- Regular feedback mechanism

By implementing these strategies, institution have effectively supported both advanced and slow learners, ensuring that all students have the opportunity to succeed and thrive in their educational pursuits

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	View File

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

Number of Students	Number of Teachers
3131	177

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

1. Industry

Students have undergone internships during the academic year 2023-24 in various industries and organizations. In the new curriculum internship has been made mandatory at Third Year.

These Internships have improved their understanding and applications of technologies learned, problem-solving skills, accustomed to various industrial practices.

2. Project Based

Final year projects and Project Based Learning allows students to apply their knowledge, skills and ideas. In this, students apply problem-solving methodology and implementation. They also get experience of handling various components, tools, instruments, equipment and machinery.

3. National Service Scheme field

NSS volunteers engage in variety of activities, both physical and virtual, through NSS camps and other social initiatives. Volunteers gain practical experience and develop skills by actively participating in and reflecting on their service efforts. Volunteers participate in hands-on projects such as community service, environmental clean-ups, health camps and educational workshops.

4. Participation in Hackathons, SAE

A team from the institute participated in the HACKATHON competition in the year 2023-24. Students from the Mechanical Engineering participated in various competitions held for

students of SAE chapters. Students of the institute also have participated in project and poster competitions organized by various institutes and professional bodies. Such activities develop their design skills and problem-solving skills

File Description	Documents
Upload any additional information	View File
Link for additional information	NIL

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

The faculty employs ICT-enabled teaching-learning methodologies and uses various tools for teaching and learning to create a more engaging and effective learning environment that prepares students for the digital age. The institute has the necessary resources to provide learning aids. The institute has a conducive ICT-based learning environment as detailed below.

- Classrooms and Seminar Halls are equipped with LCD/DLP projectors; and public address systems for delivery of digital/multimedia
- Teachers use tools like PowerPoint, or Google Slides to create dynamic presentations that incorporate text, images, videos, and animations. This multimedia approach helps in illustrating complex concepts more clearly and engagingly.
- A learning management system (Moodle) is used to organize course materials, assignments, and assessments.
- Faculties use various e-learning resources like Swayam / NPTEL MOOC
- The institute's Central Library is equipped with multimedia PCs, an institutional repository of class notes, video recordings of laboratory experiments, e-books, e-journal subscriptions, and an audio-visual set.
- The institute is the nodal center of "Virtual Labs" in association with IIT Bombay.
- A separate Japanese Language Learning Centre (SAKURA) is set up in the institute.
- Invited expert talks, training programs, workshops and webinars

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

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

166

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

177

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

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

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

47

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

12

File Description	Documents
Any additional information	View File
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.

A transparent and robust internal assessment mechanism of the institute ensures that assessments are conducted regularly and fairly, with clear criteria, rubrics and consistent feedback. This approach provides students with a clear understanding of their academic progress.

1. The schedule mock-in-semester and preliminary examinations are incorporated in the academic calendar.
2. Methods and processes used for the assessment of mock-in-semester and preliminary examinations are open and accessible. Common mistakes are brought to notice and students are counseled regarding the same. For internal assessment of laboratory work/term
 - The laboratory work evaluation is the basis for the award of term work marks.

- The rubrics covering Attendance/punctuality (A), conduction of practical (C), and oral (O) have been developed for a total of 15 marks, 5 marks for each, A, C, and O.
- Final term work marks are displayed at the end of each semester
- Students are free to interact with the teacher to resolve grievances.

4. Internal assessment of seminar and project work is transparently carried out based on rubrics developed for evaluation of the seminars and projects and is used to communicate to the students in advance.

File Description	Documents
Any additional information	View File
Link for additional information	NIL

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

External examination-related grievances: External (University) examination grievances are addressed and communicated by the Examination Section and College Examination Officer to the SPPU Pune. The institute follows a time-bound, efficient, and transparent procedure to resolve the grievances of the students. To bring transparency in external examination-related grievances, the SPPU has laid down procedures and a set of guidelines, which are not only communicated to the students but also ensure that students are facilitated to follow the process.

Internal examination-related grievances- Mock In-semester and Preliminary Examinations: The institute conducts mock-in-semester and preliminary examinations and answer sheets are shown to the students and the grievances if any are resolved by concerned subject teacher.

Term-work Evaluation: Term work marks are given based on a continuous evaluation process based on the course of the semester. Students are informed in advance of the rubrics of the term work and is done based on the evaluation of assignments, performance in internal examination, and performance in conduction of practical and internal viva-voce. Grievances raised by the students are resolved collectively by the subject

teacher and HOD.

File Description	Documents
Any additional information	View File
Link for additional information	NIL

2.6 - Student Performance and Learning Outcomes

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

Program Outcomes (POs) and Course Outcomes (CO) of all the programmes are brought to the notice of the students through the institute website and by displayed hoardings at key locations.

CO statements address appropriate Bloom's Taxonomy (BT) levels by considering intermediate and higher-order abilities and skills to be acquired by the students. The National Board of Accreditation (NBA) has provided 12 Program Outcomes.

Mechanism of Communication of Pos and COs:

POs are communicated to the students, teachers, staff, and other stakeholders by the following ways.

- Displayed at the main entrance of the departments.
- Published through institute website-www.avcoe.org.
- Conveyed during various value-added courses, workshops, seminars, and national and international conferences
- Conveyed during the teaching-learning process, and tutor meetings.
- Published regularly in institute brochure, and departmental magazine. Printed on laboratory manuals, and project log book.

Course Outcomes (COs) are communicated to the students through the following

- COs are published through the institute website-www.avcoe.org..
- COs are made available for the ready reference of the students through handouts, and lab manuals.
- COs are also mentioned in course curriculum, notes, presentations, and lab manuals formats.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	NIL
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 institute follows Outcome Based Education (OBE) philosophy for the evaluation of Program Outcomes (POs) and Course Outcomes (COs) to assess how well students meet the specific goals and objectives set for their educational programs and individual courses.
- The institution maps course assessments and other activities to POs to determine how well these outcomes are being achieved.
- The assessment methodologies and the process of measuring achievement levels are conducted using both direct and indirect assessment methods.

Direct Assessment Methodologies:

Direct assessment methodology have two components viz- internal assessment (80 % weightage) and external assessment (20% weightage).

Internal assessments are conducted based on performance in mock-in-semester examinations, preliminary examinations, assignments, and laboratory work.

External assessments are conducted for in-semester, end-semester examination, oral/practical examinations conducted by SPPU.

Direct assessment Rubrics used for Course Outcomes (COs) are:

Attainment Level 1: XX% of students score more than XX% marks

Attainment Level 2: XX% of students score more than XX% marks

Attainment Level 3: XX% of students score more than XX% marks

CO Attainment = 80% of Attainment Level of External Assessment +
20% of Attainment Level of Internal Assessment

Indirect Assessment Methodologies for Program Outcomes (POs):

Indirect assessment methodologies for POs are carried out based on alumni, parents and employer surveys.

Overall PO Attainment =

80% of attainment through direct assessments

+ 20% of attainment through indirect assessment.

- The review involves analyzing data from individual courses and comparing it against the desired program goals. Evaluation results are used for continuous improvement efforts to support the overall quality of the academic experience

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	NIL

2.6.3 - Pass percentage of Students during the year

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

691

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

2.7 - Student Satisfaction Survey

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

https://www.avcoe.org/NAAC/AQAR2023-24/CR2/AI_Final/2.7.1/Proof/

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)

3.09

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
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

16

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	View File
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	NIL

3.2 - Innovation Ecosystem

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

The Institute has given an opportunity for rural graduate and postgraduate students to explore new ideas and share information with others who share their interests.

The Research and Development Cell inspires in students a research culture and promotes continuous excellence in engineering education.

With this well-defined framework, students and faculty members attend seminars and workshops, give papers, compete and exhibit, and register for IPR. This results in the concerned person's view broadening as a result of exposure to the outside world and the study of pressing concerns in such areas. The end result of this process is that fresh and inventive ideas are conveyed to subsequent batches, their counterparts' mindsets change, and juniors are guided. Faculty and students with higher intellectual levels serve as lighthouses, illuminating others, resulting in overall quality improvement, greater career prospects, and overall expansion of the institute.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	NIL

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

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year**31**

File Description	Documents
Report of the event	No File Uploaded
Any additional information	View File
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****25**

File Description	Documents
URL to the research page on HEI website	NIL
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****93**

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

63

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

The development of social awareness among students and faculty members is vital as part of extension operations. The Institute takes social responsibility by promoting various activities such as the cleanliness awareness program, the Swatchh Sarvekshan campaign for Sangamner City, and so on for the purpose of extending activities in the neighborhood community and alerting students to social issues for their overall development. Thus, through its focused efforts in this field, the institute constantly takes proactive actions to contribute to the social uplift of society and rural people. The following are the case studies on extension activities carried out in the neighborhood community, for their holistic development.

Sr. No.

Description

1.

Aadhar PAN Updation camp

2.

Hemoglobin Camp

3.

Yoga Day Celebration

4.

Voter Enrollment session

5.

Swacchata Abhiyan

6.

Eco-friendly Ganpati Making Competition

7.

Meri Mati Mera Desh

8.

Daily Yoga Practice at theMorning

9.

The Youth of Swami Vivekananda's Dream.

10.

Village Cleaning

11.

From Reading to Personality Development

12.

Health and Lifestyle

13.

AIDS Awareness Programme

File Description	Documents
Paste link for additional information	NIL
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

00

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	No File Uploaded

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

17

File Description	Documents
Reports of the event organized	No File Uploaded
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

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

3.4.4.1 - Total number of Students participating in extension activities conducted in

collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

2779

File Description	Documents
Report of the event	No File Uploaded
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

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

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

326

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	View File
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

15

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	No File Uploaded
Any additional information	View File
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 created adequate infrastructure in terms of State of the art computer labs, library, language lab, classrooms and seminar halls with audio visual facility. The whole campus has Internet facility with dedicated 500 Mbps lease line. The campus has well equipped playground, gymnasium, hostel, mess, women's common room and an amphitheatres. Institute has in campus facilities like Xerox, Stationary store, ATM.

Laboratories are well equipped and charts, models and cut sections are displayed in laboratories for better understanding. The Institute has excellence centers like E-Yantra Robotics Lab, NVIDIA-CUDA learning center, CISCO Networking Academy, REDHAT Academy Centre, etc. Modern machineries like 3D printer, Coordinate Measuring Machine, Hybrid Wind/Solar system etc are also added in the laboratories to facilitate advance learning and research. Classrooms and seminar halls are well furnished, ventilated, illuminated and equipped with mounted LCD projectors, white screens, podium, green boards with the ICT tools and audiovideo facilities strengthens the infrastructure. The Library is segmented in Reference Section, Journal Section, Reading Hall, Digital library, etc. The library has collection of Textbooks, Reference, Journals, e-Journals, e-books, CDs, LED TV etc. The institution has membership of Automotive Research Association of India, Delnet, Jaykar Library, Indian Institute of Technology, Mumbai.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	NIL

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

The Institute has two wide playgrounds Padmabhushan Vasantdada Patil Krida Sankul and Medha Ground having size 50,420 sq.m and 58,980 sq.m. for playing outdoor games such as cricket, volley ball, basketball, athletics, and foot-ball. Similarly, the institute also has the facility for indoor games such as chess, carom, table tennis and badminton. Institution provides its playground for organizing university, district and state level events.

The gymnasium has high end machineries and facilities for physical fitness. The institute has a Cultural Cell, and a Mudra Club, which oversees all cultural activities. Mudra club is equipped with musical instruments for practicing singing, dancing. Since 2015-16, every year Institute conducts a cultural event "Medha" to nurture the talent of the students. The institute organizes many competitions like dance, song (group and solo), writing, debate, rangoli, flower decoration, poster making, painting etc every year. Amrut Kalamanch and Amphitheatre; with 1000 and 2500 seating capacity respectively, Conference halls (Dronagiri- 350 capacity, JRD Tata Hall-150 capacity) equipped with proper sound and light systems. Special self-defence training is offered exclusively for female students. The institute has a Yoga Club that operates daily from 5:00 to 6:00 pm, with some faculty members serving as instructors. Institute celebrates 21st June, the International Yoga day on large scale. National Independence Day and Republic Day are celebrated in the Institute by unfurling the national flag followed by a guard of honour of the Chief Guest, an impressive march past on the beats of the students' band and organization of athletic events.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	NIL

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

53

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

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

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

369.26

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

4.2 - Library as a Learning Resource

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

The main objective of central library is to provide seamless access to information to its users in a networked environment

and to become a premier learning resource center in Engineering, Science & Technology and related areas. The library is partially automated using library management software 'Sack Info ERP Software (V.2.5) with barcode technology since 2018.

The library has rich collection of text book, reference books, handbooks, manuals, rare books, e-books etc. A total of 68059 volumes, 15157 titles and 41,600 + e-books are available in the library as on 31st May 2024. The library subscribes to 109 print journals and 270 e-journals. It has well designed and maintained stack rooms. The library has covering an area of 1222 square meters. It has well designed and maintained stack rooms. The library database is centrally computerized for accession and renewals for students and bar codes for the books for easy, secure and quick operation. The library has subscribed e-Journals, research journals in electronic as well as printed formats with various reputed online scientific databases such as IEEE, ASME, ASCE and DELNET. The central library offers a dedicated computing facility for accessing online journals. Additionally, it features a specialized section with resources for competitive exam preparation.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	NIL

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)**19.71**

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****266**

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**

Institution has adequate IT infrastructure which is updated and upgraded continuously as per the curriculum requirements and changing technology. Wi-Fi zones are provided at various locations such as reading halls, hostels, and department corridors. The computer labs are connected through LAN with internet facilities. ICT facilities are available in all the departments.

A leased line connectivity of total 500 Mbps (400 Mbps from Airtel and 100 Mbps from Tata) is procured. The maintenance of computer, Internet Wi-Fi networking, and installation of software, maintenance and up gradation of hardware is done on annual maintenance contract basis.

1.Network Security: The college campus has completely switched, high availability network. Network is secured by firewall

integrated in router. Additionally, Sophos is available with access control and cyber security.

2. Software Asset Management: We categorize the software assets as open source software assets and proprietary software assets. The proprietary system software are purchased at Sanstha level and further distributed to different units. Application software is purchased for individual departments as per their curriculum and research requirement.

3. Open-Source Resources: Institute strongly promote open-source software, tools and applications such as Visual Studio Code, Anaconda distribution, JDK, Star UML, Eclipse, GNU compiler collection, My-SQL, Scilab, GNU Octave etc. for supporting computers assisted learning. Currently institute supports Linux operating system.

Green Computing: Institute strives hard to reduce the carbon footprint. Most of the administrative activities pertaining to faculty, staff and student are handled through the ERP. All the news feeds are displayed through LED TVs.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	NIL

4.3.2 - Number of Computers

1299

File Description	Documents
Upload any additional information	View File
List of Computers	No File Uploaded

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)

270.5

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

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

The maintenance and cleaning of the classrooms and furniture are done with the efforts of non-teaching staff and in major cases the college employs a maintenance contract to the experts. A request letter is sent to the Principal to pre-approve the expected expenditure for the work. Quality control is conducted during the process and the bill is checked and approved before being sent to the relevant authorities. All computers and peripherals are also inspected by the technical assistant for any issues. The institute's website is updated and maintained internally.

Maintenance Procedure:

The maintenance work is assessed to determine its necessity and scope. The request letter is written to the Principal for the pre sanction of the probable expenditure for the work. The

letter is forwarded through respective department Head. The letter is taken for review and discussed about need and priority of the said work. Next, we evaluate simultaneous options for maintenance work, considering whether it should be handled by departmental expertise or an external agency.

The party is allowed to make the maintenance work, during the work quality parameters are checked continuously. After satisfactory completion of work the party provides bill, the bill is checked and if the work is completed in all aspects as per requirement, the bill is forwarded to the respective authorities for sanction.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	NIL

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

2643

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

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

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

205

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://www.avcoe.org
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

471

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

471

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	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

779

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
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

02

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	View File
Details of student progression to higher education	View File

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

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

12

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

5.3 - Student Participation and Activities

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

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

00

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
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)

Overview: The establishment of student councils play an integral and important role in the student community. Student councils provide a representative structure through which students can debate issues of concern and undertake initiatives of benefit the college and the wider community Students have a voice and a contribution to their college . It is important that, they should be given an opportunity to express their views on concern issues of them in the college. It is equally important that they are listened to and encouraged to take an active part in promoting the aims and objectives of the college. This policy establishes the basis for the formation of Student Council Policy, including their composition, membership, terms and recommendations.

Objectives: 1. To enhance communication between students, management and staff. 2. To promote an environment conducive to educational and personal development. 3. To promote friendship and respect among pupils. 4. To support the management and staff in the development of the college. 5. To represent the views of the students on matters of general concern & Policies.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	View File

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

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

16

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	View File
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

- An Alumni Association registered during the year 1994 with registration number - MH/788/04/Ahmednagar. The purpose of the association is to bring all the alumni together in a single platform; to share their experiences, to extend support and provide guidance to the Institution.
- The special alma-shine portal is designed for alumni registrations. At present active alumni strength is 6333 out of more than 10000 graduates.
- The institute organizes "MILAP" alumni meet every year. During the meet, they interact with the students, faculties, management and share their ideas for improvement of overall progress of the institute.
- Apart from the regular event, the alumni visit the department to provide guidance through guest lectures,

seminars, Annual Quality Assurance Report of AMRUTVAHINI COLLEGE OF ENGINEERING, workshops and supports for industrial visits, internships, and placement drives, etc., throughout the academic year.

- The alumni of the institute supports the students for financial help during their project work, or any competitions.
- Alumni voluntarily involve in mentorship for current first year and second year students of institute through Buddy scheme a unique feature. He/ She inspires and motivates the student to infuse confidence level by quoting his/her journey, deep career to achieve the excellence. In this scheme, the alumni supports till he/she graduates with career prospects.

File Description	Documents
Paste link for additional information	https://alumni.avcoe.org/
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) **A. ? 5Lakhs**

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

- To create opportunities for rural students to become able engineers and technocrats through continual excellence in Engineering Education.

Mission

- Our mission is to create self-disciplined, physically fit, mentally robust, and morally strong engineers and technocrats with high degree of integrity and sense

of purpose who are capable to meet challenges of ever advancing technology for the benefit of mankind and nature.

- We the management, the faculty, and staff therefore promise to strive hard and commit ourselves to achieve this objective through a continuous process of learning and appreciation of needs of time.

Governance

- Top management directs Principal focusing on vision and mission of the institution.
- The Principal consistently follows top management policies to achieve the vision with the support of staff.
- Principal, Vice Principal, IQAC Director, Deans, Registrar and Head of Departments come together to form different committees to provide "decentralized administration" to achieve institution's objectives and goals put forth.
- The institution is committed to follow quality framework defined by ISO 9001:2015 with the support of IQAC.

Academic Planning:

- Semester wise academic calendar, which includes all curricular, co-curricular, extracurricular activities by following University academic calendar.
- Financial Planning: Budget required in academic year as per perspective plan.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	View File

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

Decentralization- ISO, etc. **Participative Management:-** Involvement of stakeholders (GC, CDC, AAB (Academic Advisory Board), IQAC, DAB (Department Advisory board), DCC (Department Core Committee), Department association, student council, etc.)

College promotes culture of participative management. Therefore, the committees are set up to execute predefined strategies that emphasize active stakeholder involvement.

- Students Council
- Students Association
- Cultural and Sports and other activities.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Perspective Plan 2019 -2029 1. External Environment 2. UG Environment 3. PG Education and Research. (a) Goal: To start Artificial Intelligence and DataScience programme. Strategies and Tasks : Strategy : Introduce emerging engineering courses: Artificial Intelligence and DataScience under Computer BoS is started from academic year 2023-24. Also increase in intake of Electronics & Telecommunication Engg. and Information Technology from 60 to 120 from the academic year 2023-24.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	NIL
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 organization has a well-structured administrative setup with Governing Council as the highest decision making body followed by CDC and AAB, 53 other functional bodies and committees. Service rules, Procedures, Recruitment and Promotional Policies: The Institute has a set of well-established rules, policies and regulations within the frame work of AICTE, State Govt. and the affiliating university, which are approved by

the Governing Council of the Institute. The rules and regulations of the institute were first published in Nov 1997 and are, revised periodically. The following documents are published and are made available in the institute, library and in all departments to create awareness among the employees and students. The same is, also available in the college website - avcoe.org. The copies of the institute, Administrative Manual containing service rules, Procedures, Recruitment and Promotion Policies, are circulated among all the staff (both Teaching and Non-teaching) for their information.

File Description	Documents
Paste link for additional information	NIL
Link to Organogram of the institution webpage	NIL
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	No File Uploaded
Screen shots of user interfaces	No File Uploaded
Any additional information	View File
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

1. **Provident Fund:** Enrollment in the EPF Scheme for eligible staff members.

2. **Gratuity Scheme:** A scheme providing gratuity benefits to staff.

3. Group Medical Insurance: Coverage for medical needs.

4. Superannuation Benefits: Extended to all staff members.

5. Leave Entitlements:

- Summer and Winter Vacations: 70 days annually.
- Casual Leave: 12 days per year.
- Medical Leave: 10 days per year for approved faculty, 9 days of special leave for ad-hoc faculty.
- Maternity Leave: Six months for female employees.

6. Professional Development:

- Opportunities for higher studies and short-term courses.
- On-duty facility, training, and travel grants for workshops, conferences, and seminars.
- Fees reimbursement for Swayam, NPTEL, and NITTT courses.

7. Residential Facility: Accommodation provided for staff members.

8. Emergency Assistance:

- Amrut Madatnidhi: Financial assistance up to Rs. 50,000 for medical emergencies.
- Personal Loans: Available through the staff credit society.

9. Tuition Fees: Collected in Equal Monthly Installments (EMI) for staff wards.

10. Uniforms: Provided to non-teaching staff with all required accessories.

11. Medical Facilities: On-campus medical care and ambulance services in emergencies.

This robust array of benefits highlights the institute's commitment to the well-being, professional growth, and overall support of its staff members.

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

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

08

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

09

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

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

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

304

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

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

For both teaching and non-teaching staff, the Institute has a structured performance appraisal system. Teachers are evaluated by management based on their R&D and instructional activities.

The non-teaching staff is evaluated according to their performance in co-curricular, professional, development-related, academic, and general behavior and characteristics activities, as well as activities linked to technical assistance and administration. Staff members use a formal "Self-Appraisal Form" for this purpose. The concerned Head of Department comments on the staff's performance. For the purpose of awarding yearly increments, an additional increment form based on the Academic Performance Index (API) has been developed. A minimum score of 75% is required. Based on their performance during the evaluation period, the management assigns a merit rating to each member of the faculty and staff. Their achievements in academia, R&D, consulting, IPR, and outcomes are acknowledged. They are acknowledged for their contributions to the accomplishment of institutional goals as well as their academic achievements, R&D, consulting, IPR, outcomes, project guidance, peer-reviewed publications, financed research, produced patents, and recognition by professional bodies. Non-teaching staff members receive increments based on their work performance in the department, their desire to acquire new technologies, their interpersonal skills, and their punctuality in completing departmental and institute-related tasks. The aforementioned merit rating approach has aided the organization in recognizing, rewarding, and encouraging deserving staff members.

File Description	Documents
Paste link for additional information	NIL
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

Each department provides the institute with its budget requirements at the start of each fiscal year. Based on data from different lab in-charges, the department head creates budget reports, which are then submitted to the institute. The GC and CDC Principal makes the budget proposal, and they both approve it. In light of the revised syllabus and its requirements, further procurement, if any, is advised. Every financial year, at the conclusion, it is determined whether or not the allotted budget was used correctly. The institution

employs certified practicing certified public accountants (CPAs) as internal and external auditors, and they audit the institution's finances on a yearly basis. The management receives the report following the audit for review. In addition, the organization hires specialists to provide advice on legal and tax matters. Every year, the college files its income tax return within the allotted period.

Internal Audit- It is conducted quarterly in a year by the audit department of the parent institution

External Audit- In the second stage, the audit is carried out by M/S. Rajendra Gundecha & Company C.A., Ahmednagar.

File Description	Documents
Paste link for additional information	NIL
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)

01

File Description	Documents
Annual statements of accounts	No File Uploaded
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

Budget allocation - 1. 10% of total income is taken out as corpus fund. 2. 70% of total expected income is allocated for staff salary 3. 20% of total expected income is budgeted in following proportion

- Library 5%
- Infrastructure built up -10%
- Laboratory equipment - 25%
- Laboratory Consumables - 5%
- Maintenance and Spares - 30%
- Research and Dev. - 3%
- Travel and Training - 2%
- Miscellaneous-10%
- Others - 10%

4. Irrespective of the expenditure against each head for that financial year, the Institute allocates budgetary provisions as per the percentage decided. Unutilized funds may be used for other heads or can be forwarded to the next financial year. 5. The funds are allocated for planned and unplanned activities, infrastructural and lab equipment to fulfill the requirements as per revised curriculum. Budgetary controls are exercised by Principal and accounts. 6. Special considerations are made to accommodate unforeseen requirements. There has been no budget crunch that has affected the teaching learning process and effective functioning of the institute. 7. Budget is prepared in March, whereas the syllabus revision, Admissions and fees allocation is done in June/July. So, there may be some deviation in utilization and budgeted amount.

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

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 IQAC has made significant contributions for framing and implementation of the quality assurance strategies and processes. In order to ensure the quality of the educational system, including the teaching and learning process, IQAC holds regular meetings. The IQAC and its constituent, ISO cell undertake various quality assurance initiatives. IQAC conducts academic audit covering all the important aspects of teaching-learning process. A separate audit was conducted to assess quality of course file and personal file contents of individual faculty. Continuous improvement is achieved through periodic

academic and administrative audits (AAA) and satisfying statutory requirements. The recommendations and guidelines provided by the GC, AAB and CDC are implemented effectively in coordination with the IQAC. The quality assurance strategies and processes incorporated by IQAC and its constituent ISO cell are provided in additional information file. The following activities are conducted by IQAC to improve the standards of education at the institution.

- Organizes induction programme for FE students with FE coordinator.
- Coordinating social activities through active NSS unit of the institute.
- Promote research and innovation culture in the institute through R&D cell.
- Organize faculty development programs (FDP).
- Preparation for NBA.

File Description	Documents
Paste link for additional information	NIL
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

Teaching-learning processes, methodologies and learning outcomes are periodically reviewed by the IQAC. The effectiveness of the implementation of these initiatives is monitored periodically by conducting academic and administrative audits (AAA). Various reforms and quality initiatives undertaken by IQAC are elaborated:

- Academic calendar and adherence with academic calendar
- Enhancement in the usage of innovative pedagogy techniques and ICT tools
- Implementation of Outcome Based Education (OBE)
- Strengthening of the ERP system
- Feedback system for evaluation of faculty from students
- Student's result analysis
- Adopting a revised ISO 9001-2015 Quality Management System (QMS)
- Review of all the academic and administrative processes

through academic and administrative audits conducted through ISO

- The Institute always believes in continual improvement and strive to get a quality assessment by various agencies. To testimony this, Institute programs are accredited four times by the National Board of Accreditation (NBA), New Delhi & two times by NAAC, Bangalore.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	NIL
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

Gender equality and sensitization in co-curricular:

- Gender equality promotion program organized
- Group discussion
- Debate competition

Facilities for women in campus:

1. **Safety and security:** The campus is under CCTV surveillance, exclusive parking for ladies. Biometric attendance in hostels, intimate to hostel; rectors, clerks appointed for monitoring attendance. Lady doctor service is provided for health issue with ambulance service.
2. **Counseling:** In tutor scheme, one faculty for monitoring issues. Buddy scheme is initiated to guide by senior alumni. A separate lady trainer is appointed for physical fitness activities. A professional counselor is appointed for counseling session, available as per schedule.
3. **Common Rooms:** In the institute, separate boys, girls common rooms are provided at various locations with facilities. Girls common room with all necessary things.
4. **Day Care Centre for young children:** Amrutvahini School extending the support to provide day care facility to our faculty's childrens. Toys and proper security measures are provided with maid servant.
5. **Any other relevant information/Other initiatives by institutes:** Women's day was celebrated on 8th March 2022 with motivational talk. Girl's hostel includes separate study room; computing facility, gymnasiums, outdoor games, cafeteria. Health awareness activities arranged. Different committees including ICC, woman empowerment cell are functional.

File Description	Documents
Annual gender sensitization action plan	https://www.avcoe.org/NAAC/AQAR2023-24/CR7/7.1.1/Gender%20Equity%20Plan%20and%20Activities%20Report%20(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://www.avcoe.org/NAAC/AQAR2023-24/CR7/7.1.1/Specific%20facilities%20Addional%20Information.pdf

7.1.2 - The Institution has facilities for

A. 4 or All of the above

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

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

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

Facilities for Waste Management in the Institution

- 1. Solid Waste Management:** Plastic, paper, and other solid waste materials are sold to scrap vendors. One-side printed papers are reused for internal purposes, while shredded paper waste is sold to recycling agencies. Daily garbage and biomass are disposed of in a compost pit, with dry and wet waste separated. Food waste is utilized in a biogas plant. Metal scrap is sold through auctions, and old materials are reworked and reused for student projects.
- 2. Liquid Waste Management/Waste Recycling System:** All wastewater lines are connected to a septic tank. The campus generates wastewater, including sewage, which is processed through a microbial culture-based Sewage Treatment Plant (STP) with a capacity of 0.4 MLD, reducing CO₂ emissions. The STP was installed at a cost of ₹27.94 lakhs.
- 3. Biomedical Waste Management:** The institution does not generate biomedical waste.
- 4. E-Waste Management:** E-waste, such as desktop computers, UPSs, laptops, monitors, and stabilizers, is properly stored and managed. Components are reused in student projects, which are displayed in corridors for demonstration purposes. Other e-waste, like keyboards and mice, is collected and sold to scrap dealers.
- 5. Hazardous Chemicals and Radioactive Waste Management:** Chemicals used in the chemistry and environmental labs are diluted and disposed of in sand pits. No radioactive materials are used in the

institution.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
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	No File Uploaded
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	No File Uploaded
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

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

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	No File Uploaded
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	View File

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).

Tolerance and Harmony Towards Regional and Linguistic Diversities:

1. The institution fosters a holistic and inclusive culture, welcoming students from various regions and linguistic backgrounds.
2. A residential facility is available on campus, with hostels catering to diverse groups of students.
3. The festival of Basant Panchami, Gokulashtami is celebrated annually. Daily Saraswati Pooja is followed. Shivaji Jayanti is celebrated.
4. Students from Jammu & Kashmir are admitted and accommodated under the PMSSS quota, reflecting the institute's commitment to inclusivity.
5. A majority of faculty members are from Maharashtra, promoting a well-integrated cultural environment. Additionally, faculty from other states reside in staff quarters, contributing to the diversity.
6. Marathi Language activities are organized regularly to promote linguistic diversity.

Tolerance and Harmony Towards Socioeconomic Diversities:

1. The Earn and Learn Scheme is effectively implemented for Economically Backward Class (EBC) students.
2. The institution facilitates various government schemes and scholarships for deserving students.
3. Students with a SGPA of 9.5 or higher benefit from the institution's Amrut Merit Scholarship (AMS).

4. To accommodate different financial situations, the institution allows students to pay fees in instalments.
5. A dress code has been adopted to reduce social and economic disparities among students.

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

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

Activities for constitutional obligations: values:

1. The day on campus begins with the National Anthem, Prarthana, and Saraswati vandana and ends with the National Song, broadcast centrally.
2. The institution observes important days such as Constitution Day, National Voters Day, Road Safety Education Program, Reading Inspiration Day, and Environmental Day.
3. A movement has been initiated to promote the importance of voting, where students raise awareness about the voter registration process and actively register themselves on the voter's list.

Activities for Duties and responsibilities of citizens:

1. All faculty, staff, and students uphold the dignity of the National Anthem and National Song.
2. Independence Day and Republic Day are celebrated annually with grand ceremonies attended by faculty, staff, and students with theme based dance performance.
3. To instil values, rights, duties, and responsibilities, the institution includes audit courses such as "Introduction to the Constitution" as part of the academic curriculum.
4. Eminent personalities are invited to the campus during annual functions to guide students on values, ethics, and patriotism.

The campus enforces a strict ban on tobacco chewing and smoking

to promote a healthy and disciplined environment.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://www.avcoe.org/NAAC/AQAR2023-24/CR7/7.1.9/7.1.9%20constitutional%20obligations%20val.pdf
Any other relevant information	https://www.avcoe.org/NAAC/AQAR2023-24/CR7/7.1.9/7.1.9.2%20Additional%20Information.pdf

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

A. All of the above

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

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

The institution actively celebrates and organizes various National and International commemorative days, events, and festivals through the central AVCOE Cultural Club.

1. **Commemorative Days:** The birth anniversaries of Mahatma Gandhi, Dr. Babasaheb Ambedkar, Chhatrapati Shivaji Maharaj, Lokmanya Tilak, and Swami Vivekananda are celebrated on campus.
2. **Events:** Teacher's Day, commemorating the birth anniversary of Dr. Sarvepalli Radhakrishnan, is celebrated both centrally and at the departmental level. A distinguished speaker is invited to deliver a talk on "The Role of Teachers in Society." Additionally, Engineer's Day is observed to honor the contributions of engineers.
3. **Festivals:** Traditional celebrations such as the Ganesh Festival and Khandenavami (Navaratri) are observed with enthusiasm, preserving the rich cultural heritage of the institution.
4. **Student Participation:** Students actively take part in cultural programs that embody the values of great freedom fighters, passing these values to the next generation. They are also encouraged to participate in intercollegiate and university-level competitions.
5. **NSS Activities:** Various events, including street plays focusing on social causes, are conducted under the National Service Scheme (NSS).
6. **Departmental Association Events:** Departments organize activities like skits during significant occasions such as Engineer's Day, Teacher's Day, Guru Purnima, Freshers' Party, and Send-off functions.
7. **Marathi Language Activities:** Competitions such as poem writing and debates are organized to promote the Marathi language and cultural heritage.

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

7.2 - Best Practices

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

1. Title of the Practice

"First Year Conclave powered by Senior Alumni"

2.Objectives of the practice

- To know recent requirements of industry from alumni, decide roadmap of career.
- To interact with all stakeholders on one platform.

3.The Context

Students lagging in deciding plan for their career in spite of having good technical, academic knowledge. Alumni, parents, teachers and students' interaction is necessary for better career.

4.The Practice

After the starting of First year classes, FE Conclave powered by senior program organized on 15/10/2023. Alumni, parents, teachers and students' interaction made at one platform in open discussion. Students and parents ask questions to alumni and management. Dignities and alumnae share their experiences and help students for career planning.

5.Evidence of Success:

FE students clears their doubts about academic and career. Parents get awareness about their ward's career planning. Students and parents get management's preview about their progress. Alumni interaction increased that leads to employability enhancement.

6.Problems Encountered and Resources Required

Alumni are not able to provide their time due to their busy schedule. Few parents are also not turning due to good academic culture in the institute.

7.Notes:

After the program, few students are joined with alumni in Buddy scheme as they already had face to face interaction.

Best Practice 2 : Amrut-Expo: Providing platform to UG students to present their Project in front of industry persons and Junior college/School students

File Description	Documents
Best practices in the Institutional website	https://www.avcoe.org/best-practices.php
Any other relevant information	NIL

7.3 - Institutional Distinctiveness

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

Best Principal Award: Dr. M. A. Venkatesh was honored with the Best Principal Award during the academic year 2021-22 by Savitribai Phule Pune University, Pune. **Bhishmacharya Award:** Principal Dr. M. A. Venkatesh was selected for Bharat Education Excellence Award under the Bhishmacharya Award during the academic year 2023-24 at Vishakhapatnam.

The faculty and staff, under the guidance of Dr. M.A Venkatesh, have achieved numerous milestones, contributing to the institute's growing reputation. Some are highlighted below:

- The institute holds permanent affiliation with Savitribai Phule Pune University, Pune.
- It has been accredited four times by the National Board of Accreditation (NBA), New Delhi, and has received an 'A+' grade from NAAC.
- The institute has earned ISO 9001:2015 International Academic Accreditation from TUV SUD.
- The institute provides 100% placement assistance to students through value-added courses, foreign language training (Japanese and German), and specialized coaching.
- It boasts a state-of-the-art IT center equipped with 500Mbps Wi-Fi internet connectivity.
- Channakya Computer Lab with state of the art Computers exclusively for First Year Engineering.
- The institute is committed to delivering excellence-driven engineering education, shaping future engineers and entrepreneurs.
- A total of 55 companies visited the institute for campus recruitment, In the academic year 2023-24, the institute achieved 779 campus placements.

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

7.3.2 - Plan of action for the next academic year

- Prepare the plan for Research and Development activities and follow-up for strengthening the NIRF rankings. Currently application for ranking under NIRF, CSR and CII will be initiated.
- Policies to motivate the faculties by incentives for increasing the publication in SCI/Scopus/UGC listed journals.
- Prepare Outcome Based Education documents on regular basis for compliance according to the NAAC & NBA Accreditation requirements.
- Upgrade Facilities, to enhance interaction with Industries for increasing internships, trainings, placements.
- The Institute is planning to organize more number of value-added courses for Emerging Technologies & Industry requirements.
- To apply for Research funding like ASPIRE and to increase the Institute / Faculty participation in the same.
- Lab. development for increase in intake courses i.e. Artificial Intelligence & Data Science and Electrical Engineering.
- Improving the participation in SPPU activities through active involvement in BOS & various other Committees.
- Updating various policies for the benefit of stakeholders.
- The Institute is planning to Collaborate with World Class Foreign Universities & MOUs with renowned Institutes/ Industries.
- The Institute is planning to start the Incubation Centre.
- The Institute is planning to apply for the Autonomy.