

SELF STUDY REPORT

Executive Summary

Introduction:

Akhil Bharatiya Maratha Shikshan Parishad (ABMSP) is established in the year 1907 with the thought “Bahujan Hitay, Bahujan Sukhaya”.

The Anantrao Pawar College of Engineering and Research (APCOER) was established under ABMSP in year 2012 and is affiliated to Savitribai Phule Pune University, Pune. The college is approved by AICTE, New Delhi; Directorate of Technical Education, Government of Maharashtra, Mumbai.

The institution has a dedicated vision towards Quality Technical Education and taking constant efforts towards overall development of students. The academic schedule is framed to encourage the students to participate in co-curricular activities like project symposium to explore their idea on bigger platform. Understanding, the need of society that future graduates not only satisfies by getting a placement but also they should be entrepreneur to create jobs for others; the students are motivated to take a jump for research and entrepreneurs.

Institute got approval to run five courses for skill development each with the capacity of 24 students under Pradhan Mantri Kaushal Vikas Yojana.

The institute inspires the students to participate in various extracurricular activities like NSS, sports and cultural events to impart life skills in them. The spectacular growth in a short period of five years was possible due to cordial view of management towards faculty and staff. The faculty has put in efforts in pursuing research and consultancy activities which have helped them to cope up with the latest developments in their fields of interest. Institute is marching towards apex to achieve desired goals through innovations & research.

Vision:

Committed to comprehensive development of students through quality technical education

Mission:

1. To provide state of art infrastructure that shall create ambience to encourage novel ideas, research activities & consultancy services.
2. To inspire students in creation & entrepreneurship.
3. To create future technocrats with intelligence, technical skills & good ethical & moral values so as to serve needs of society & industries.
4. To provide healthy Teaching-Learning environment that will cultivate contemporary research activities, innovations & inventions.
5. To develop center of excellence in technical education.

SWOC

Institutional Strength :

- Visionary top management

- Eco-friendly campus and infrastructure
- Team work culture
- Community service through consultancy
- Institute motivates students as well as faculty members for higher education and research
- Well-equipped Library with books, journals, e-journals & digital library facility.
- Institute is having Student welfare system through which institute provides many welfare measures to students
- Low fees compared to other nearby institutes
- Institute achieves Decentralization in process and decision making by democracy
- Bonding between institute and industry through Industry Institute Interaction cell
- Institute contributes to Society via National Service Scheme and other extension activities.
- MoUs with industries for student training, internship and esteemed educational institute i.e. College of Engineering, Pune for mentorship.

Institutional Weakness :

- Some of the students are weak in communication
- Student placement and entrepreneurship needs to increase.
- Lack of well qualified and trained technical staff
- Few PhD holder faculties

Institutional Opportunity :

- Scope for the institution to develop gateway for technology and research in various region
- Funding for projects from government and non-government agencies and industries
- Research grant through consultancy
- Scope to develop entrepreneurs through Make in India, Digital India schemes
- Students' innovations can be commercialized.
- Creates the opportunities for training and placement through strong alumna contribution

Institutional Challenge :

- To enhance students employability
- To keep up the pace of students with industry
- To encourage students for entrepreneurship and research and development rather than seeking job.
- Competition with well-established institutes nearby

Criteria wise Summary

Curricular Aspects :

Anantrao Pawar College of Engineering & Research, pune is a self financing Institute affiliated to Savitribai Phule Pune University (SPPU). The Institute follows the curriculum designed by SPPU. The PO and CO are prepared by faculty for effective delivery of respective course. The students are given a choice to choose Audit Course in SE & elective subjects in BE of Engineering. The academic calendar is followed by every department, which is prepared according to SPPU academic calendar. The academic progress of student is monitored by Guardian Faculty Member assigned by Head of Department. All students are encouraged to take up academic projects in collaboration with industries. Students' and faculty feedbacks are collected through online portal Moodle regarding improvement in various processes carried out in the Institute & after analysis corrective measures are taken for improvement in teaching quality. The Institute encourages &

Provides facility to contribute in the R&D schemes declared by SPPU, AICTE & UGC. The Institute has well equipped central library and state-of-the-art digital library for online access to academic resources. The departments of the Institute offers several courses to serve the purpose of 'value addition' for students in their academics apart from the programs offered by SPPU. The faculty members make an effort to enrich the curriculum in the form of content beyond syllabus and enhance the learning experiences of the students by coping with the rapidly changing technological innovations in industry.

Teaching-learning and Evaluation :

1. Systematic mechanism is adopted in admission process of Admissions Regulating Authority, Mumbai which is elaborately presented in the prospectus, handbook & institutional website. The Institute complies with the Government Reservation Policy for minority, caste, & tribal the preference given to economically & socially backward rural students under Tuition Fee Waiver Scheme & profiles are maintained in Vridhhi- ERP Software.
2. Bridge Course inducts for students to familiarize them with the vision, mission, goals, objectives, rules & regulations of the institution, manners & etiquette to be observed at the institute.
3. The unit test enables the faculty to identify the advanced & the slow learners. Advanced learners can opt for self-study courses, assignments & slow learners are given extra lectures. The faculty & Guardian Faculty Member pay special attention on slow learners for their studies through conducting extra lectures & peer learning.
4. The faculties are encouraged to participate & present papers in events to enhance the quality of the faculties. Achievements of students are displayed to encourage students & same are announced in the annual event "Spark Tech".
5. The Evaluated marks are submitted to the University according to guidelines of University & same are monitored in consultation with the Heads.
6. The academic grievances of the low achievers are attended & resolved by the Head of Department in support of Internal Quality Assurance Cell. Recommending them for Revaluation / Supplementary / Reappearance of examination as per the statute of University.

Research, Innovations and Extension :

The Institution has Research and Development cell comprising, Industry Experts, Academicians and faculty member. The Institute takes effort to develop scientific gesture among the faculties and students. National Conference, Seminars, workshops, expert lectures of eminent personalities are organized to understand cutting edge technology and there by inculcate the research attitude. The student's innovative projects are supported with the facility available in the institute and also providing partial funds to motivate them.

Institute has created an ecosystem for innovations including incubation center and Intellectual Property cell for creation and transfer of knowledge in research and development. From last three years sixteen ideas are developed and send to the Avishkar Competition. The institution has a stated code of ethics to check malpractices and plagiarism in Research. The research projects carried out by faculty assure for the vibrant research culture in the college.

Faculties and students have been consistently participating in State-level Research Competition (AVISHKAR) and have been awarded first and second prizes at Zonal and State and National Level Competitions consistently. The institute carries out innovative extension activities through various platforms like NSS for students and faculty members. These activities creates social awareness among students and grow them as socially sensitive human beings.

The institute has successful collaboration with industrial, academic institutes and professional bodies to get benefitted technological and academically.

Infrastructure and Learning Resources :

ABMSP's Anantrao Pawar College of Engineering and Research is established over pleasant lush green area of 12805.75 square meters. The college is centrally located and is well equipped with a sophisticated infrastructure and the campus environment is immensely favorable for learning and education. There is huge parking facility for students and staff vehicles. A well equipped infrastructure goes in harmony for imparting quality education. The Institute has 16 class rooms, 56 laboratories and 9 tutorial rooms, 69% of the class rooms are equipped with an LCD projector and adequate physical facilities for student benefit. All the laboratories have sufficient equipments machinery, software and most of the laboratories have high end equipments for student to suffice the extra learning and understanding apart from academic expectations. The college has 5 seminar halls which are used for multiple activities such as seminars, workshops, conferences and student felicitation. The college central library has 9266 books and a seating capacity of over 160 students. The library has a huge collection of book titles, references, journals, magazines and a digital library facility in order to promote the teaching learning process. Every department has a separate departmental library with special book usability and recurring scheme. The college has a separate girl's hostel and a boy's hostel in the campus. A well facilitated gymnasium, huge playground and hygienic and variety menu cafeteria are provided in the college campus for the overall growth, welfare and fitness of the students.

Student Support and Progression :

- o Akhil Bhartiya Maratha Shikshan Parishad's Anantrao Pawar College of Engineering and Research, Parvati, Pune-09 affiliated to Savitribai Phule Pune University runs students centric Systems.
- o Guardian Faculty Member scheme is implemented at Institute Level and guardians are monitoring student's academic and personal progress. The progress reports are sent to the parents periodically and Parent's Meeting is arranged in a year. This scheme provides platform for the students to share their academic as well as personal problems through guardian faculty. Support for extra-curricular activities and co-curricular activities is given to the students through the activities like Umang, Spark Tech, Decathlon etc.
- o Institute has dedicated student section in administrative office which assists the students to avail the benefit of scholarships and freeships from government schemes and various private scholarship providing foundations like Leela Poonawala Foundation. Earn and learn scheme run by SPPU is implemented to support financially weaker students.
- o The alumni association is formed at the institute and the application form and relevant documents are submitted at the Charity Commissioner Office for further process.
- o The training and placement cell of the institute is well supported by all the departmental coordinators for placement and career guidance activities.
- o The institute organizes workshops on career guidance and create the mindset to become a successful entrepreneur. Special coaching sessions for competitive examination are conducted to help the students to take up higher studies and build their career.

Governance, Leadership and Management :

The vision and mission statement has provided the path towards achieving the goal of setting up premier knowledge center to achieve the excellence. Internal quality assurance cell is formed which helps a lot in streamlining the teaching learning process. There by enhancing the performance of the faculty, student of the institute and input from various stock holders the core values are drafted. The management and principal offers effective academic leadership to the faculty, by setting goals and involving them in participative decision-making process in building the organizational culture.

Principal and Heads of the Departments have adequate freedom in academic and administrative decision making. IQAC design, monitor and evaluate all the activities of the academic and administrative processes that ensure the quality policy is initiated, promoted and sustained in every activity. The faculty and student representatives and all other stakeholders of the institute participate in framing policies and decision making at the levels of departments and the institute. All academic improvement strategies are planned taking into account the feedback from all the relevant stakeholders and deployed in a transparent and effective manner. Management provides the necessary leadership, financial and administrative support to realize these policies.

The management recognizes the need for decentralization, academic autonomy, competent human resources and their individual growth in order to achieve excellence. The faculty members are rewarded in the function of Teachers day based on their performance. The finances and accounts are duly and periodically audited.

Institutional Values and Best Practices :

ABMSP's Anantrao Pawar College of Engineering and Research takes a number of initiatives to promote gender equity by programmes like Women Empowerment, awareness on Women Sexual Harassment at workplace (Prevention, Prohibition and redressal) Act 2013. For safety and security measures, numbers of committees are in action along with facility for counseling students. The institute has undergone an Energy and a Green Audit towards environmental consciousness in adherence to Solid, Liquid and E-waste management. Human values and professional etiquettes are inculcated among the faculty and students through predefined Code of Conduct. The institute conducts regular internal and external audits for academics, financial, administration and other auxiliary departments to maintain transparency in their functioning.

The institute undertakes consultancy activities to serve the community by quality testing of materials to be used in civil engineering and third party audits as a best practice. Another best practice followed by the institution is Social Coupling and service through National Service Scheme (NSS) where students develop a sense of social and civic responsibility.

Institute has its distinct characteristic in the field of research and development which makes it a recognizable attribute of the institute. Faculty and students have taken efforts to flourish their skills and ideas in various domains and publish their work in reputed journals. A number a faculty members and students have got funding from various agencies and filed patents against their intellectuals.

Profile

BASIC INFORMATION

Name and Address of the College	
Name	Akhil Bharatiya Maratha Shikshan Parishad Pune Anantrao Pawar College of Engineering and Research
Address	Anantrao Pawar College of Engineering and Research, S. No. 103, Shahu College Campus, Parvati, Pune
City	Pune
State	Maharashtra
Pin	411009
Website	www.abmspcoerpune.org

Contacts for Communication

Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Sunil Bhimrao Thakare	020-24218959	9923217056	020-24213929	prof_sbthakare@rediffmail.com
IQAC Coordinator	Shailesh Shivaji Hajare	020-24218901	9579707373	-	shailesh.hajare@abmspcorpune.org

Status of the Institution

Institution Status

Private

Type of Institution

By Gender

Co-education

By Shift

Regular

Recognized Minority institution

If it is a recognized minority institution

No

Establishment Details

Date of establishment of the college

10-05-2012

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State

University name

Document

Maharashtra

Savitribai Phule Pune University

[View Document](#)

Details of UGC recognition

Under Section

Date

2f of UGC

12B of UGC

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory

Recognition/Approval details

Day,Month and

Validity

Remarks

Regulatory Authority	Institution/Department programme	year(dd-mm-yyyy)	in months	
AICTE	View Document	10-04-2017	12	

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

No

Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?

No

Is the College recognized for its performance by any other governmental agency?

No

Location and Area of Campus

Campus Type	Address	Location *	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Anantrao Pawar College of Engineering and Research, S. No. 103, Shahu College Campus, Parvati, Pune	Urban	4.017	12805.75

ACADEMIC INFORMATION**Details of Programmes Offered by the College (Give Data for Current Academic year)**

Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Civil Engineering	48	HSC	English	60	24
UG	BE,Computer Engineering	48	HSC	English	60	45
UG	BE,Electronics And Telecommunication Engineering	48	HSC	English	60	3
UG	BE,Information Technology	48	HSC	English	60	28
UG	BE,Mechanical Engineering	48	HSC	English	60	23
PG	ME,Civil Environmental Engineering	24	BE	English	24	23
PG	ME,Mechanical Design Engineering	24	BE	English	24	18

Position Details of Faculty & Staff in the College

Teaching Faculty

	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	11				22				43			
Recruited	1	0	0	1	0	0	0	0	25	14	0	39
Yet to Recruit	10				22				4			
Sanctioned by the Management/Society or Other Authorized Bodies	10				22				36			
Recruited	0	0	0	0	0	0	0	0	22	14	0	36
Yet to Recruit	10				22				0			

Non-Teaching Staff

	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				2
Recruited	1	0	0	1
Yet to Recruit				1
Sanctioned by the Management/Society or Other Authorized Bodies				20
Recruited	18	2	0	20
Yet to Recruit				0

Technical Staff

	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				14
Recruited	10	4	0	14
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	0	0	0	1	2	0	4
M.Phil.	0	0	0	0	0	0	0	0	0	0

PG	0	0	0	0	0	0	24	12	0	36
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Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	17	14	0	31

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	4	0	0	4
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	1	0	0	1

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year						
Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
PG	Male	38	1	0	0	39
	Female	24	1	0	0	25
	Others	0	0	0	0	0
UG	Male	503	7	0	0	510
	Female	212	5	0	0	217
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	34	41	79	54
	Female	8	14	43	16
	Others	0	0	0	0
ST	Male	3	6	6	7
	Female	1	4	3	13
	Others	0	0	0	0

OBC	Male	95	117	233	143
	Female	30	35	79	33
	Others	0	0	0	0
General	Male	247	322	579	349
	Female	73	130	222	151
	Others	0	0	0	0
Others	Male	45	49	109	80
	Female	5	14	48	34
	Others	0	0	0	0
Total		541	732	1401	880

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1. Curricular Aspects

1.1 Curricular Planning and Implementation

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

Answer:

We follow the academic calendar provided by Savitribai Phule Pune University. We try to impart quality education depending upon the resource potentiality of our institution. The institution has developed a structured and effective implementation of the curriculum. Following are the various means through which it executes the curriculum.

Principal Meeting: Such meetings are held once in a month. Head of the Departments discuss their action plans to arrive an optimal and effective way. Respective head of the department continuously monitors the departmental academics.

Academic Calendar: Academic Calendar is prepared as per the Savitribai Phule Pune University academic schedule and the requirements at the department level as per the action plans formed.

Teaching Plan: A Teaching plan includes course outcomes, course objectives, content topics, reference books and the expected outcomes from the students by learning through the topics prepared by respective faculty members at the beginning of each semester. Teaching plans provides us an insight on how classes are handled in a semester.

Meeting the Vision and Mission of the Concerned Department: Each department sets their own Vision and Mission which match with the Institutional Vision and Mission. Program Educational Objectives (PEO) and Program Outcomes (PO) are developed for each program and Course Objectives (CO) and course outcomes are defined for each course (theory and lab).

1.1.2 Number of certificate/diploma program introduced during the last five years

Answer: 0

1.1.2.1 Number of certificate/diploma programs introduced year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
Details of the certificate/Diploma programs	View Document

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

Answer: 3.96

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
2	4	3	2	0

File Description	Document
Details of participation of teachers in various bodies	View Document

1.2 Academic Flexibility

1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years

Answer: 28.57

1.2.1.1 How many new courses are introduced within the last five years

Answer: 2

File Description	Document
Details of the new courses introduced	View Document

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented

Answer: 100

1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.

Answer: 7

File Description	Document
Name of the programs in which CBCS is implemented	View Document

1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years

Answer: 36.13

1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
367	451	347	321	0

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates cross- cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum

Answer:

The institution makes efforts to train the students to integrate cross cutting issues by the following ways.

Women Grievances Committee:

In order to maintain safety and security to the girls and women, a cell has been constituted for redressal of grievances. It is formed by faculty members consisting of one coordinator and four members. Our women grievance cell stays alert all the time to prevent any sexual abuse towards the students and female staff. If the students face any harassment from the staff, then they can complain at our women grievance cell. The members will look into the issues, gather the evidence, and take the necessary action against the guilty.

Internal Complain Committee:

The role of the Committee is to create awareness about sexual harassment and to deal with and recommend punishment for non-consensual acts of sexual harassment, and not to curtail sexual expression within the campus. Members are expected to be sensitive to the issue and not let personal biases and prejudices.

Anti- Ragging Committee: As per the guidelines of UGC, AICTE and the University, an Anti- Ragging Committee has been constituted to handle the issues pertaining to ragging. The names of the committee members along with their mobile numbers are displayed at different places in the institution. Any student can lodge a complaint without disclosing his/her identity in case of any inconvenient incident.

Gender Issues:

- Internal Complaint committee is established to look after the grievances of females in campus. It conducts review meetings periodically to resolve such issues.
- A student grievance cell exists in Institute to address gender issues. Renown personalities conduct sessions on Women empowerment through higher education under social activity.

Climate Change:

The Institute is situated in a lush green campus and efforts are taken for its maintenance for reducing the adverse climatic changes due to pollution. The Institute is promoting the culture of paperless communication.

Environmental Education:

- Institute has standard practices for disposal of waste and water recycling.
- Utilization of rough pages for printing
- Institute celebrates World Environment Day ,World Water Day.
- Organization of environment safety related programs at nearby rural villages through the student body like NSS.

Human Rights: The College conducts various programmes on Human Rights to provide awareness among students like · Blood Donation Programmes · Vote Awareness Programme · Swachh Bharath · Health Awareness Programmes · Tree Plantation

- Earn and learn Scheme is implemented for the selective economically backward students.
- Scholarship schemes from Government of Maharashtra, India are implemented as per the norms.
- Institute initiated NSS, Grievance cell, Anti ragging activity, cell against women sexual harassment

Discipline Committee: This committee formed by Physical Directors and all Head of department. This committee plays a vibrant role in the maintenance of discipline of the complete campus. In day to day functioning of the college as well as any special occasion or any programmes, this committee's presence and control is mandatory.

1.3.2 Number of valued added courses imparting transferable and life skills offered during the last five years

Answer: 16

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

Answer: 16

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document

1.3.3 Percentage of students undertaking field projects / internships

Answer: 4.93

1.3.3.1 Number of students undertaking field projects or internships

Answer: 39

File Description	Document
Institutional data in prescribed format	View Document

1.4 Feedback System**1.4.1 Structured feedback on curriculum obtained from**

1) Students 2) Teachers 3) Employers 4) Alumni 5) Parents

For design and review of syllabus semester wise/ year wise

Answer: B.Any 3 of the above

File Description	Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback processes of the institution may be classified as follows:

Answer: B. Feedback collected, analysed and action has been taken

2.Teaching-learning and Evaluation**2.1 Student Enrolment and Profile****2.1.1 Average percentage of students from other States and Countries during the last five years**

Answer: 0.63

2.1.1.1 Number of students from other states and countries year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
3	13	7	5	0

File Description	Document
List of students (other states and countries)	View Document
Institutional data in prescribed format	View Document

2.1.2 Average Enrolment percentage

(Average of last five years)

Answer: 55.55

2.1.2.1 Number of students admitted year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
69	212	212	241	141

2.1.2.2 Number of sanctioned seats year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
174	348	348	348	300

File Description	Document
Institutional data in prescribed format	View Document

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Answer: 50.04

2.1.3.1 Number of actual students admitted from the reserved categories year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
20	70	85	94	51

File Description	Document
Institutional data in prescribed format	View Document

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Answer:

The technological evaluation is based on the performance of the human activities involved in the day to day journey towards the achievement of the desire goals. The time required to achieve the presented goals depends on the vocabulary and the basic knowledge in the particular stream. The advanced students are those who are able to understand the concepts in scientific means as well as at the shorter time span. Whereas the slow learners need the additional resources to elaborate the same concept.

The Institution offers opportunities for bright students to augment their talent and meet their learning needs. Institution caters to the special learning needs of **Advanced Learners** in the following manner:

- Institution has organized and promotes various competitions in all domains available in the institute as well as in other institutes to show cases their talent, communication and technical skills.
- A plethora of learning resources like Journals, eBooks, reference books is made available to students in the central library as well as in digital library
- To give the maximum exposure to recent trends in the technological field various technical activities like poster presentation, project exhibition are conducted under ISTE, CSI, NCTR, etc. and training placement cell organizes Barclays GTT Communication skills training programs, Zensar Technologies training program every year for BE students.
- The Incubation Center helps to promote quality projects with Intellectual Property Rights (IPR) and technological enhancement in association institutional R & D cell
- The institute promotes the students to get involved in competitive examinations by arranging special expert sessions on GATE and GRE preparation.

The Institution offers opportunities for **Slow Learners** to improve their academic capacities in the following manner:

- Institution arranges remedial classes, wherein personal attention is given to students. Extra tutorial sessions are arranged for difficult subjects or numerical based subjects
- Regular interaction of mentors and mentees in presence of parents of slow learners to evaluate the progress
- Encourage the students to use learning resources like Journals, eBooks, reference books regularly which are available to students in the central library
- The promotional activities like stress management, yoga, meditation, excursion to reduce the stress during study duration.

2.2.2 Student - Full time teacher ratio

Answer: 10.41

File Description	Document
Institutional data in prescribed format	View Document

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Answer: 0

2.2.3.1 Number of differently abled students on rolls

Answer: 0

File Description	Document
Institutional data in prescribed format	View Document

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

Answer:

Student-centric learning focuses on skills and practices that enable lifelong learning and independent problem-solving. Following efforts are being taken to groom the students in this direction:

- Study material which includes syllabus, power point presentations, assignments, unit wise notes, question banks, multiple choice questions, e-books etc. are make available to the students.
- All classrooms are ICT enabled. Faculty uses these facilities to show animations and videos for better understanding of subject effectively.
- Subject teachers plan the lectures/tutorials considering the difficulty level of subject and the time span available. They also provide individual guidance as and when required.
- Remedial coaching is provided to academically weak students.
- Teacher guardians regularly counsel and encourage students. Regular meetings with the students are conducted to understand and resolve their problems.
- During examination period Central library facility is available to all students and faculty members on Sundays and Public Holidays.
- Wi-Fi facility is provided in the institute premises which enable students to learn independently and promote self learning.
- Students have free access to NPTEL lecture series, MIT Open Course-ware etc. to make the subject easy to understand.

- To make students technically strong and equipped, technical magazines, journals, e-resources are made available to them.
- Expert lectures from industry/senior academician/research organization are conducted for each subject. Industrial visits are organized which help the students correlate theory with practice.
- Value added courses are conducted to fulfill the industry requirements and also to enrich students with content beyond the syllabus.
- Each department has signed MoUs with industries/ institutions. This helps in Industry -Institute Interaction which facilitate to visit the industries and institutes.

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Answer: 100

2.3.2.1 Number of teachers using ICT

Answer: 76

File Description	Document
List of teachers (using ICT for teaching)	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues

Answer: 11.46

2.3.3.1 Number of mentors

Answer: 69

File Description	Document
Year wise list of number of students, full time teachers and students to mentor ratio	View Document

2.3.4 Innovation and creativity in teaching-learning

Answer:

Innovation and creativity in teaching learning

- Institution encourages and guide students to participate in National, State Level, Zonal and Inter Collegiate competitions organized by University and other Institutions like "Avishkar", IIT TechFest, Mind spark, Utkranti, ANVESHAN, ROBOCON, Go-Kart, and DIPEX etc.
- Institute organizes National Level technical event "Sparktech" under Indian Society for Technical Education which includes paper presentation, programming competition, poster presentation, Robo-Race, etc. for developing creativity and critical thinking among the students.
- Students undergo industry sponsored and research projects which help to make them lifelong learners and innovators.
- Institution organizes student project exhibitions which are reviewed by industry experts and senior academicians from reputed institutes.
- It is a customary practice to invite eminent personalities to share their success stories with students and motivate them.

- Regular visits to the exhibitions held by various industrial organizations/societies facilitate increasing awareness about recent trends and emerging technologies.
- Students are provided guidance for preparation of competitive exams like GATE, GRE and TOEFL etc.

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Answer: 87.21

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Answer: 4.87

2.4.2.1 Number of full time teachers with Ph.D. year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
4	3	2	2	1

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document

2.4.3 Teaching experience of full time teachers in number of years

Answer: 4.39

File Description	Document
List of Teachers including their PAN, designation,dept and experience details	View Document

2.4.4 Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Answer: 2.76

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
0	1	1	2	1

File Description	Document
Institutional data in prescribed format	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Answer: 0.26

2.4.5.1 Number of full time teachers from other states year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
1	0	0	0	0

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

Answer:

Evaluation process plays important role in teaching learning process as follows:-

- Students and parents are made aware of the evaluation process through the induction program conducted at the beginning of the academic year.
- Our stakeholders such as students, faculties, parents, management etc. are timely informed regarding evaluation process through various ways such as notice board, website and letters to parents in following manner

Continuous Internal Evaluation

- **Attendance:** - Class teacher and mentor (Guardian Faculty member) motivate to students to attend theory lectures and practical regularly to achieve 100% attendance this will improve the student performance in the academia. The 12 marks are allotted to the theory lecture attendance and 10 marks for practical attendance. The T.A. stand for Theory Attendance and P.A. stand for Practical Attendance in evaluation sheet
- **Unit Test:** - As per the Savitribai Phule Pune University (SPPU) curriculum, internal unit test or midsem examination is carried out based on university exam pattern. The assessment is carried out by the subject faculty and the marks are being displayed and conveyed to respective students and parents. The test is executed for 30 marks which converted to 5 marks for evaluation purpose.
- **Preliminary examination:-** As per the Savitribai Phule Pune University (SPPU) curriculum, internal Preliminary examination is carried out based on university exam pattern. The assessment is carried out by the subject faculty and the marks are being displayed and conveyed to respective students and parents. Preliminary examination is actually executed for 50 marks converted to 6 marks for evaluation purpose.
- **Practical Performance (PP):-** The practical evaluation is based on the student's performance during the practical/experiment carried out by him in prescribed manner of standard procedures/codes/algorithms/principles etc. which helps to map understanding level students after completion of prescribed list of the experiments by the Savitribai Phule Pune University. The evaluation is carried out for 10 marks.
- **Teacher Opinion (T.O.):**- The continuous interaction between faculty and student will help to improve the interpersonal values of the student. This evaluation is based on 5 marks.
- **Timely Submission (T.S.):**- Timely submission of the given assignments, journal completion, drawing sheets, computer programming etc. The habit of timely completion of given tasks will helpful to student in time management. The marks allocation for this activity is 2 marks

Format of Internal assessment is as follows:

ROLLNAME OF NO STUDENT	T.A.	P.A.	Test-I	Prelim	T.S. Total	
	Marks %out of (12)	Total Turns Marks out of (10)	Out of Marks %out of (5)	Out of Marks %out of (06)	P.P.Out of(10)	T.O.Out of (05) Out of (2) (50)
		10	30	50		

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Answer:

Internal assessment of the students is carried out on the basis of attendance, experimental write up, unit tests marks, mock oral and timely submission. Students can ensure their attendance as it is maintained.

- Record of the practical performance is maintained in the practical log book and regular checking of experiment is carried out subsequently.
- Predefined format for term work assessment is communicated to the students well in advance so as to enable them for self-analysis and improvement.
- Continuous Assessment Sheet for the experiment is maintained by faculty under the signature of Head of the Department.
- Online entries of term work marks are communicated to the University.
- Students are assessed on the basis of timely submission, presentation (communication skills), understanding (independent learning) and attentiveness (behavior).
- Final year projects of Under Graduate and Post Graduate are evaluated continuously and students are given inputs on their weaknesses and scope for improvement. Students maintain project diary with records of their project progress duly countersigned by guides on a regular basis.
- To accommodate behavioral aspects, independent learning, communication skills in the internal assessment, the institute framed distribution of marks in AY 2012-13. The same format was continued for AY 2013-14, 2014-15 and 2015-16.

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

Answer:

Institute level Grievances:

- The assessment methods adopted for internal assessment is disseminated to the students at the beginning of the semester.

- Marks obtained by the students in unit test and prelim are shown displayed on notice boards of departments and institute.
- Solutions with marking scheme for internal tests are discussed in the class room and the answer sheets of unit tests are distributed to the students.
- In addition, students can approach to the subject faculty and Head of Department for clarification if any.

University level Grievances:

- The student will apply through the online portal for the particular grievance. The unique number is generated to facilitate the applied grievance like photocopy of answer sheet, revaluation of answer sheet, Best of Performance (BOP) scheme etc.
- The generated application form with duly signed by the Head of department and concern subject faculty followed by the signature of College Examination Officer (CEO) and head of institution.
- The duly completed form is submitted at student section of the institute to generate the fee receipt challan so that form can be inward in the system.
- The inwarded form and fee receipt challan submitted to the University for Further Process. Action will be taken by the university as per statute Board of the examination section of the university.

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Answer:

We follow the academic calendar provided by Savitribai Phule Pune University. We impart quality education depending upon the resource potentiality of our institution. The institution has developed a structured and effective implementation of the curriculum. Following are the various means through which the academic activities are scheduled as per university academic calendar.

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File Description	Document
Any additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students

Answer:

The institute has clearly defined the learning objectives in terms of Program Educational Objectives (PEOs) and learning outcomes (as POs). The POs are expected abilities achieved by the students of that program at the end of graduation. The Course Objectives and Outcomes (COs) are defined by the respective BoS at University level and these are the learning outcomes that the students are expected to

achieve at the end of each course. The University syllabus contains COs for all the courses of the programmes.

Students and faculties are made aware about PEOs, POs and COs by following ways.

- PEOs and POs are displayed in departments and discussed in departmental presentations.
- COs are included in the University syllabus of each course.
- Learning outcomes are specified in the course file of faculty.
- Every faculty explains the learning outcomes to the students at the start of every course.
- Learning outcomes are explained to the parents during parent meeting.

File Description	Document
COs for all courses (exemplars from Glossary)	View Document

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Answer:

Steps Followed to map Course Outcome –Program Outcome and Course Outcome-Program Specific Outcome and attainment level of Course Outcomes, Program Outcomes, and program specific outcomes

1. Student's Assessment record for internal test, university examination, assignments and other activities should be considered for course outcomes attainment.
2. Each course outcomes should map with respective internal exam's questions.
3. Assignments and university exam marks should be considered for all the course outcomes attainment at same level.
4. Average of each course outcomes should be taken for marks. Passing criterion of Engineering is 40% so it should taken as absolute marks of each course outcome.
5. Number of student scoring marks greater than 40% in each course outcome attainment is calculated and Calculated percentage with same criterion.

Percentage of student score	marks
above 40%	1
above 50%	2
above 60%	3

1. Each course outcome attainment is calculated by taking 20% of internal assessment and 80% of University exam attainment.
2. Consolidated course outcome attainment of that subject as average of all course outcome attainment is calculated.

Attainment of Program Outcomes

1. Each course outcome should be mapped with program outcome by giving correlation factor as 1 or 2 or 3.
2. (Correlation factor/3)* Course outcome attainment should give attainment of program outcome with that particular course outcome.
3. Attainment of each program outcome with respect to each course outcome.
4. Program outcome attainment of program outcomes1 should be calculated by taking average of program outcome1 attainment with respect to all course outcomes is calculated.

Attainment of Program Specific Outcomes

1. Each course outcome should map with program specific outcome by giving correlation factor as 1 or 2 or 3.
2. If correlation between course outcome1 and program specific outcome 1 is greater than 0 then program specific outcome1 attainment with respect to course outcome1 is same as attainment of course outcome 1.
3. To calculate program specific outcome 1 attainment average of program specific outcome 1 attainment with respect to each course outcome is taken.

2.6.3 Average pass percentage of Students

Answer: 84.92

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

Answer: 473

2.6.3.2 Total number of final year students who appeared for the examination

Answer: 557

File Description	Document
Institutional data in prescribed format	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Answer:

File Description	Document
Database of all currently enrolled students	View Document

3. Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years

Answer: 0.95

3.1.1.1 Total Grants for research projects sponsored by the government/non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year wise during the last five years(INR in lakhs)

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
0.61586	0	0.33709	0	0

File Description	Document
List of project and grant details	View Document
e-copies of the grant award letters for research projects sponsored by non-government	View Document

3.1.2 Percentage of teachers recognised as research guides at present

Answer: 1.32

3.1.2.1 Number of teachers recognised as research guides

Answer: 1

File Description	Document
Institutional data in prescribed format	View Document

3.1.3 Average number of research projects per teacher funded by government and non government agencies during the last five years

Answer: 0.03

3.1.3.1 Number of research projects funded by government and non-government agencies during the last five years

Answer: 4

File Description	Document
List of research projects and funding details	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Answer:

ABMSP's Anantrao Pawar College of Engineering & Research, Pune started Incubation Center to inculcate entrepreneurship and creation of entrepreneurs on knowledge based innovation specially focused to Information Technology & communication technology.

The objectives of Incubation center have been defined to be:

- To promote and develop high-end technology entrepreneurs as well as self-employment by utilizing Science & Technology framework.
- To facilitate and conduct informational programs related to promotion of entrepreneurship.
- To connect agencies like academic institutions and Research & Development (R&D) cells of Industry to raise entrepreneurship and self-employment using Science & Technology with special focus on to fill the gap of research areas.

- To act as a policy advisory body for entrepreneurship.

Goals of Incubation center:

- Creation of technology based new entrepreneurs
- Creating value added jobs & services
- Facilitating transfer of technology
- Speedy commercialization of Research & Development output
- Specialized services to existing Small to Medium Enterprises

A technology business incubator is an organizational setup that nurtures technology based and knowledge driven companies by helping them survive during the startup period. Incubators do this by providing an integrated package of work space, shared office services, access to specialized equipment along with value added services like fund raising, business planning, technical assistance and networking support. The aim of the technology business incubators is to produce successful business ventures that create jobs and wealth in the region, along with encouraging an attitude of innovation in the country as a whole. The primary aspect is to convert the project report into the stages of a startup and project report will be shown to private investors in selecting and nurturing talent as well as providing post incubation support. Incubators play in the general economy apart from their function of incubating companies, such as educational or public research roles.

In Incubation center, we promote research activity for all students and faculty members. We promote our faculty members to do research by using standard research journals and digital library and submit a proposal under Board of College and University Development research grant. In our Institute we conducted technical events such as Sparktech and project symposium. The practice followed in Incubation center is we will firstly take presentations on student's research ideas and provide them all the necessary requirements like research journals, digital library etc. All the research journals and digital library are easily available for Under Graduate and Post Graduate students as well as faculties. We motivate our final year students to publish at least one research paper in International Journal based on their project.

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Answer: 5

3.2.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
1	2	1	1	0

File Description	Document
List of workshops/seminars during the last 5 years	View Document

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research**Answer:** Yes

File Description	Document
Institutional data in prescribed format	View Document

3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards**Answer:** No

File Description	Document
List of Awardees and Award details	View Document

3.3.3 Number of Ph.D.s awarded per teacher during the last five years**Answer:** 0.43**3.3.3.1 How many Ph.Ds awarded within last five years****Answer:** 3

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document

3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years**Answer:** 0.05**3.3.4.1 Number of research papers in the Journals notified on UGC website during the last five years****Answer:**

2016-17	2015-16	2014-15	2013-14	2012-13
0	2	3	3	2

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document

3.3.5 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years**Answer:** 0.86**3.3.5.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year wise during the last five years****Answer:**

2016-17	2015-16	2014-15	2013-14	2012-13
69	113	45	9	10

File Description	Document
List books and chapters in edited volumes / books published	View Document

3.4 Extension Activities

3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Answer:

ABMSP's Anantrao Pawar College of Engineering & Research, Pune has started introducing students with the social issues of neighborhood community and the development activities, since the establishment of the institute. Faculty and students are encouraged to participate in carrying out social outreach programs in collaboration with other organizations. Information regarding these programs is disseminated through notices and Heads of Departments. Institute appreciates the services provided by students and faculty by considering their working for such activities as on duty.

The objectives of introducing this program are as follows:

- To create social awareness among students by conducting development activities which will make them responsible to serve the society in future.
- To provide and arrange various informational services related to social activities by inviting eminent speakers of the society.
- To make students think, live in an environment friendly approach towards society in order to keep the environment safe & healthy.

There were numbers of activities conducted by the institute during the last five years. They are listed as follows:

- Andhashraddha Nirmulan
- School Cleaning at Degaon
- Voting Awareness
- Survey of Village Degaon
- Swachhata Abhiyan
- Books Donation to School
- Yoga Programme
- Tree Plantation
- Blood Donation
- Independence Day
- Engineers Day
- Republic Day
- Youth Week
- Disaster Management Programme
- Swachha Bharat Abhiyan
- Plastic Free India Programme
- University Workshp/Seminar etc.
- YRC's Student Health Care scheme
- Residential Camp at Ranjane
- Rashtriya Swachhata Abhiyan
- YRC Vidyarthini Aarogya Prabodhan
- Shivajayanti
- Constitution Day (Samvidhan Divas) to spread awareness of Indian Constitution

The very first objective was successfully completed under these activities like Andhashraddha Nirmulan, Voting Awareness, Youth Week, and Books Donation to School etc. Independence Day, Engineers Day, Republic Day, Shivajayanti etc. were good enough to achieve the second objective of this program. The third objective of this program was achieved by conducting these social development activities like School Cleaning at Degaon, Swachhata Abhiyan, Tree Plantation, Disaster Management Programme, Swachha Bharat Abhiyan, Plastic Free India Programme, and Rashtriya Swachhata Abhiyan.

Other than this, Programs under Youth Red Cross (YRC) were also conducted. Tie up is made with The Red Cross Society, 593/2, Rasta Peth, Pune 411 011 is a well-known and identified humanitarian organization. It is the biggest, non-religious, non-political organization treating people without any discrimination as to their nationality, race and religious beliefs. Youth Red Congress (YRC) has the following three principles:

- Protection of health & life
- Service to the sick & suffering
- Promotion of national & international friendship, to develop the mental and moral capacities of the youth.

Impact of these activities on students and staff :

1. Motivation to students to work as a technocrat for social cause
2. To develop the vision of students in broad way
3. These programs helps to reduce stress in staff

3.4.2 Number of awards and recognitions received for extension activities from Government /recognised bodies during the last five years

Answer: 9

3.4.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
9	0	0	0	0

File Description	Document
Number of awards for extension activities in last 5 years	View Document

3.4.3 Number of extension and outreach programs conducted in collaboration with industry, community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc., during the last five years

Answer: 40

3.4.3.1 Number of extension and outreach programs conducted in collaboration with industry,community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc.,year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
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19 8 11 1 1

File Description	Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Answer: 14.86

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
319	403	60	6	0

File Description	Document
Average percentage of students participating in extension activities with Govt. or NGO etc.	View Document

3.5 Collaboration

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Answer: 74

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
45	23	0	4	2

File Description	Document
Number of Collaborative activities for research, faculty etc.	View Document
Copies of collaboration	View Document

3.5.2 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. during the last five years

(only functional MoUs with ongoing activities to be considered)

Answer: 8

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the last five years

Answer:

2016-17 2015-16 2014-15 2013-14 2012-13
2 1 4 1 0

File Description	Document
Any additional information	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc. during the last five years	View Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document

4. Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.

Answer:

The institute has up to the mark the infrastructure required by AICTE New Delhi, Director of Technical Education Government of Maharashtra as well as Savitribai Phule Pune University. The institute has well defined guidelines for creation and enhancement of the infrastructural facilities in advancement of requirements.

The institute has policy as follows:

Policy of the institute is to augment maximum engineering Under Graduate and Post Graduate programs to serve varied interest of the aspirant stakeholders. Institute policy is to satisfy the students at all ends; intellects, academics, research promotion, sports, culture, hygiene and comfort.

Creation and development of the institute is as per AICTE and SPPU norms. In 2012 the institute was established with 5 Under Graduate programs (Civil Engineering, Computer Engineering, Electronics and Telecommunication Engineering, Information Technology Engineering and Mechanical Engineering) in a building with sufficient infrastructure. In the successive academic years, the necessary infrastructure was progressively developed, satisfying the needs of the four year program. Later in 2013 Post Graduate programs (Civil- Environmental Engineering and Mechanical Design Engineering) were started with necessary infrastructure to support these programs.

Institute is equipped with a playground; indoor sports facility to facilitate the students in exploring their skills. Students are provided enough platforms to explore their hidden talents by organizing annual social gathering, seminars, technical events, project and paper presentation competition, etc.

Modern teaching and learning methodologies are adopted since its inception. These include problem based learning through PowerPoint presentation, experimentation and research, model display and mini-projects. Our Institution has a good computing facility with LAN of 1:1 leased line of 32 MBPS internet spread across the campus.

The campus is under CCTV surveillance. There is 24X7 security service appointed on contact basis for the whole campus.

Infrastrure Details:

Sr.	Particulars	Building Type	Area

No.			(In Sq. Meter)
1	Instructional Area	Phase I, II	5,405.17
2	Administrative Area	Phase I, II	942.46
3	Amenities Area	Phase I, II	715.84
4	Circulation & Other Area	Phase I, II	2,093.40
5	Instructional Area	Phase III	3,267.57
6	Administrative Area	Phase III	57.31
7	Amenities Area	Phase III	94.00
8	Circulation & Other Area	Phase III	230.00
Total Area (In Sq.Meter):			12,805.75

akhil Bharatiya Maratha Shikshan Parishad (Parent Institution) has provided separate hostels for girls and boys respectively in the campus itself. Hostel facility for girls and boys is well equipped with required facilities, clean rooms and hygienic washrooms at reasonable rates. The hostel has a solar water heating system. Housekeeping team is appointed on contract basis for both the hostels.

Boys Hostel: Jedhe More Boys Hostel has a capacity of 235 students.

Girls Hostel: Shardabai Govindrao Pawar Girls Hostel has a capacity of 118 students.

Separate security service is provided to the girls hostel along with a resident warden to look after the students.

File Description	Document
additional information	View Document

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

Answer:

Student Participation and Activities:

Anantrao Pawar College of Engineering and Research has been known for creating excellent sportsmen, as the students have bagged several prizes in various competitions. The college has its own playground and the Gymkhana. To promote sports and games, college provides or makes available most of the required infrastructural facilities to students for practice and preparation. Students are provided coaching in their respective games either by Physical Director or alumni sports students of the college.

Physical Education Training program for First Year students is regularly held on the main ground. Students are guided by the physical director regarding workout, Yoga, meditation etc. Annual Sports day is organized to encourage students in participating sports activities.

Department of Physical Education:

Physical director is appointed to look after the sports activities. Playgrounds are available for the physical fitness of the students, sports, jogging, PT exercise etc. A well-equipped Gymnasium, Swimming Pool, Yoga provision, Archery ground, Hand ball ground, Holley ball ground is also available on the college campus.

Every year, A.B.M.S. Parishad (Parent institution of the College) organizes sports events for both male and female (teaching and non-teaching) staff of all the employees.

Facilities for Sports: On the 1st and 3rd floor of the building, there is a sports office and indoor sports gymkhana. Sports room is equipped with indoor games kits. It includes cricket mats, Table tennis, Carom, Chess etc. College organizes yoga activities for teachers and students. The Gym instruments available in the sports room are as follows:

- Trade Mill
- Home gym Machine
- Electronic Weighing Machine
- Height Measurement chart

Following equipments are available for sports:

1. **Indoor games:** table tennis, carom, chess,
2. **Outdoor games:** Volley ball, Football, Cricket and Athletics.
3. Programs on yoga and health are conducted in auditorium of the college
4. **Grounds:** Playground is available in the Campus for outdoor games. It accommodate various games such as Volleyball, Cricket, Football, Shot Put events etc. College encourages students to participate in sports competitions held at Inter Departmental, University, Zonal, State and National level. Students use the gymnasium and swimming pool in the campus at concessional rates.

Cultural Activities:

Every year the institute organizes SPARK-TECH which is a two or three day event for students to portray their various talents. The motive of the institute is to make a platform for the students to come forward and express their hidden talents and skills so as to promote their future endeavors in cultural fields. The institute also has an ART CIRCLE established in 2015 with Faculty advisors, which facilitates the students to explore their talent in cultural events in campus as well as out of campus. There is an ART CIRCLE ROOM for students to practice their cultural activities. The art circle has acquired exponential growth by achieving 1st position awards and other level appreciations in various inter college competitions like bharat karandak, sinhagad karandak, dajikaka gadgil karandak etc. The Art circle has always focused on the most sensitive and critical problems in the society in their plays.

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

Answer: 76.19

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Answer: 16

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Answer: 57.31

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year wise during the last five years (INR in lakhs)

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
67	230	194	130	25

File Description	Document
Details of budget allocation, excluding salary during the last five years	View Document
Audited utilization statements	View Document

4.2 Library as a Learning Resource

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

Answer:

Specification of Integrated Library Management System (ILMS):

Name of Software: VRIDDHI

Nature of Automation Version: 2.0 Build 234.3 full versions

Year of automation: 2017

Description-

This Library automation Software is loaded with some important library functionalities like Book Accession, Periodical Accession, and Disc Accession. After accessioning, the books and periodicals are ready for circulation. Books reservation functionality is also part of library management software. Daily/monthly/yearly reports can be generated from the library management software. Report can be extracted item wise like report will explain how many items are issued, available etc. Member wise report can also be generated. For example report for a particular member for some specific period. Printing of Accession Register, Membership Register, book Issue Register, Reservation Register, Binding Register, Fine & Write-Off Registers can be carried out. Book Card- Title wise-Author wise-Language wise subject wise Class no. wise & Budget wise are available in library automation software.

Facilities in the software:

- Generate user identity card
- Generate member barcode and material barcode
- OPAC facility to access catalog provides search option for student by Title, Author, Accession Number Publisher, Book Editor, Edition Year, and Subject

This will help to reduce the manual work (on papers) to maintain member's records.

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

Answer:

Rare books:- Akhil Bhartiya Maratha Shikshan Parishad's, Anantrao Pawar College of Engineering & Research, Paravti, Pune -09 is Engineering college and hence institute Library does not have Collection of rare books.

Manuscripts:- Akhil Bhartiya Maratha Shikshan Parishad's, Anantrao Pawar College of Engineering & Research, Paravti, Pune -09 is Engineering college and hence institute Library does not have Collection of Manuscripts.

Special reports:- Akhil Bhartiya Maratha Shikshan Parishad's, Anantrao Pawar College of Engineering & Research, Paravti, Pune -09 is Engineering college and hence institute Library does not have Special Reports

Old documents:- Akhil Bhartiya Maratha Shikshan Parishad's, Anantrao Pawar College of Engineering & Research, Paravti, Pune -09 is Engineering college and hence institute Library does not have Old Documents

4.2.3 Does the institution have the following:

1. e-journals
2. e-ShodhSindhu
3. Shodhganga Membership
4. e-books
5. Databases

Answer: B. Any 3 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc.	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in lakhs)

Answer: 16.17

4.2.4.1 Annual expenditure for purchase of books and journals year wise during the last five years (INR in lakhs)

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
10.28	15.69	27.98	12.32	14.59

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document

4.2.5 Availability of remote access to e-resources of the library

Answer: No

File Description	Document
Details of remote access to e-resources of the library	View Document

4.2.6 Percentage per day usage of library by teachers and students

Answer: 8.77

4.2.6.1 Average number of teachers and students using library per day over last one year

Answer: 76

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

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Answer:

The details of computer and internet facility made available in campus are as follows.

A provision for submission of assignments online by the students is made through ICT. Online examinations are conducted through the ICT facility on Moodle e-learning portal. Students are encouraged to apply for scholarship online. Online Feedback System is available for improvement of teaching and learning which in turn benefits student development.

Following are the key features of ICT facility in the institute

- Resource sharing
- Student assessment for assignments and other activities
- Extra –curricular learning support (Viz. NPTEL Online Lectures and Online Courses)
- Online attendance marking for teachers and one click record generation.
- Assignment Preparation
- All time open access resource material for students as well as faculty.

Computer facility:

In addition to departmental laboratories, a central computing facility of 55 computers with internet facility is made available to the students.

All PCs are secured since open source Operating System is used.

Internet facility:

The institute provides 32 Mbps dedicated 1:1 leased line for internet facility. Wi-Fi Facility to the faculty and students to meet connectivity requirements. Cyberoam Firewall is used for security. Due to the high speed internet facility sharing of information becomes speedy and responsive. Students can have access to e-learning resources in and out of campus. Thus an era of supporting the need of skilled engineers is brought into existence through all the ICT facilities.

The Bandwidth of the leased line is gradually upgraded as per requirement and feasibility. Initially a leased line of 2 Mbps was installed and successively upgraded to 32 Mbps.

Following are the details of upgrade in internet connection:

Year	Bandwidth of leased line connection	WIFI configuration and speed	Date of Upgrade	Upgrade Details
2012-13	2 MBPS	-	15th June 2012	I.D.: 100118114576
2015-16	10 MBPS	300 MBPS	9th July 2015	I.D.: FAN/20###/000423/2015-16
2016-17	32 MBPS	300 MBPS	26th October 2016	I.D.: 1000209495

4.3.2 Student - Computer ratio

Answer: 1.7

File Description	Document
Student - Computer ratio	View Document

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

Answer: 20-35 MBPS

File Description	Document
Details of available bandwidth of internet connection in the Institution	View Document

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Answer: Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Answer: 11.01

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year wise during the last five years (INR in lakhs)

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
36.36	46.64	22.39	27.01	3.5

File Description	Document
------------------	----------

Details about assigned budget and expenditure on physical facilities and academic facilities

[View Document](#)

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.

Answer:

The institute has a mechanism for maintenance and upkeep of the infrastructure, facilities and equipment as follows:

- Institute has supervisors and a supporting staff to look after the house keeping of the institute.
- Institute has technicians for effective conservation and maintenance of electrical and water drinking/ drainage facility.
- Security staff under a security supervisor is employed so as to safe guard the campus.
- Annual stock verification is carried out in all the departments. Report of faulty and defected equipments is forwarded to Head of the department for necessary repairs through a standard procedure.
- Regular maintenance of equipment in all laboratories is carried out by the technical staff at the departmental level also in some cases it is recommended that the vendor of specific equipment should be serviced from supplier. Concerned in charge refers the case to the HOD; HOD to Principal for clearance and then the necessary operations are preformed.
- Computer hardware and software related maintenance is done by technical staff under the guidance of Head, Computer Engineering Department.
- Maintenance of furniture items and metal fixtures is carried out by Workshop. Manufacturing of benches, Tables, racks etc. are carried out in Workshop.
- General Civil maintenance and upkeep of civil infrastructure is carried out by Estate Manager under vigilance of Civil Department.
- Housekeeping team is appointed on contract basis for maintenance and upkeep of sanitary areas.

Year wise expenditure over maintenance of infrastructure is as follows:

Sr. No.	Particulars	Annual Expenditure (Amount in Rs.)				
		2016-17	2015-16	2014-15	2013-14	2012-13
1	Building	-	1,097,119.00	1,288,500.00	1,288,500.00	-
2	Housekeeping & Cleaning	2,032,440.80	1,975,580.00	10,968.00	24,293.00	9,581.00
3	Furniture	59,429.20	-	-	78,215.00	-
4	Apparatus & Equipments	128,903.20	395,076.00	210,413.00	83,978.00	33,026.00
5	Health & Hygiene AIDS	2,083.00	-	2,842.00	1,000.00	-
6	Computer & Internet	16,565.40	492,636.00	273,447.00	159,175.00	225,301.00
7	Miscellaneous	33,711.00	299,566.00	14,987.00	118,142.00	42,868.00

5. Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Answer: 35.37

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
433	515	170	247	31

File Description	Document
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	View Document

5.1.2 Average percentage of students benefitted by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Answer: 0.27

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
1	1	2	1	1

File Description	Document
Number of students benefited by scholarships and freeships besides government schemes in last 5 years	View Document

5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling
3. Soft skill development
4. Remedial coaching
5. Language lab
6. Bridge courses
7. Yoga and meditation

8. Personal Counselling

Answer: A. 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	View Document

5.1.4 Average percentage of student benefitted by guidance for competitive examinations and career counselling offered by the institution during the last five years

Answer: 0.07

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
3	0	0	0	0

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document

5.1.5 Average percentage of students benefitted by Vocational Education and Training (VET) during the last five years

Answer: 14.05

5.1.5.1 Number of students attending VET year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
89	232	193	93	0

File Description	Document
Details of the students benefitted by VET	View Document

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

Answer: Yes

File Description	Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Answer: 7.3

5.2.1.1 Number of outgoing students placed year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
31	44	0	0	0

File Description	Document
Details of student placement during the last five years	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Answer: 8.27

5.2.2.1 Number of outgoing students progressing to higher education

Answer: 22

File Description	Document
Any additional information	View Document
Details of student progression to higher education	View Document

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years

(eg: NET/SLET/GATE/ GMAT/CAT, GRE/ TOFEL/ Civil Services/State government examinations)

Answer: 2.28

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT, GRE/TOFEL/Civil Services/State government examinations) year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
12	9	0	0	0

5.2.3.2 Number of students who have appeared for the exams year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
230	145	99999	99999	99999

File Description	Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national / international level (award for a team event should be counted as one) during the last five years.

Answer: 1

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	1	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Answer:

Insight into Student's Council

The purpose of the student council is to give students an opportunity to develop leadership by organizing different sports/cultural activities. In addition to planning events that contribute to college spirit and community welfare, the student council is the voice of the student body.

Student council of the college for academic year 2015-16

- | | |
|--|-----------------------|
| 1. Chairman | -Dr. Sunil B. Thakare |
| 2. Staff member Nominated by Principal | -Prof. M.A. Mulik |
| 3. N.S.S Coordinator | - Prof. N. A. Jadhav |
| 4. Student Nominated by Principal | |

- | | |
|---------------------|--------------------------------------|
| 1. Pratik Wadekar | B. E. Civil Engineering |
| 2. Ammara Ansari | B. E. Computer Engineering |
| 3. Sarang Dumbre | B. E. Mechanical Engineering |
| 4. Chetan Jadhav | T.E. Electronics & Telecommunication |
| 5. Rajeshwari Pawar | B. E. Information Technology |

v) Director of physical Education - Prof. Ranjeet Chamble

vi) Student from Different Activities nominated by Principal

- | | |
|------------------------|-------------------|
| 1. Sports | Abhishek Kulkarni |
| 2. NSS | Aditya kamble |
| 3. Cultural Activities | Akshay Katariya |

vii) Lady Student Members Nominated By Principal

- | | |
|--------------------|--|
| 1. Pratiksha Patil | - B.E. Electronics & Telecommunication |
|--------------------|--|

Objectives -:

- To represent the student body in all matters pertaining to the betterment of the College.
- To foster communication among students, administrators, staff, and the community.
- To promote, organize and execute activities Sports and Cultural activities that encourage student pride and College spirit such as National Service Scheme.

The Vision:

The vision of Student Council is to spark a desire in students and staff to become active in Every Social /Technical aspects.

The Mission:

The mission of Student Council is to provide the conducive atmosphere of unity and integrity within the student community, causing a better Professional Education experience and a better reputation in the social life.

Student Council has been established in the year 2015-2016. Mr. Dumbare Sarang Sanjay has been elected as Secretary of the Students Council. Students' representative from Sports, NSS, and Cultural has been elected on the body of the Student's Council.

DUTIES AND RESPONSIBILITIES OF THE COUNCIL

1. Smooth conduction of the Institute Sports and Cultural Events every year.
2. Prevention of ragging on the campus through counseling senior students, helping the administration whenever necessary.
3. Suggesting the administration to improve the student amenities to improve their career and personality.
4. Helping the administration in smooth conduct of student activities on the campus.
5. Guiding the needy students to improve their technical, organizational and managerial skills by organizing seminars / symposia / workshops etc.
6. Encouraging innovative and creative skills of the undergraduate and post – graduate students.
7. Maintenance of peace and harmony among campus community in general and student community in particular.
8. Arrange expert lectures from eminent persons from industry and society for career and personality development through ISTE Students Chapter

File Description	Document
Any additional information	View Document

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Answer: 1.6

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
2	3	1	1	1

File Description	Document
Number of sports and cultural activities / competitions organised per year	View Document
Report of the event	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Answer:

Anantrao Pawar College of Engineering & Research, Pune – Alumni Association registration under process under the provision of the Society Registration Act, 1860.

Anantrao Pawar College of Engineering & Research, Pune – Alumni Association consists of 11 members including 3 Faculty Coordinators and 8 Alumni students.

Alumni Association Committee is as follows –

1. Prof. G. E. Kondhalkar - Faculty Coordinator
2. Prof. Manoj Mulik - Faculty Coordinator
3. Prof. Mandar Kakade - Faculty Coordinator
4. Mr. Pratik Sharma - Student Representative Mechanical Engineering
5. Mr. Rahul Ingale - Student Representative Civil Engineering
6. Mr. Siddeshwar Gadganje - Student Representative Civil Engineering
7. Mr. Paresh Aher - Student Representative E&TC Engineering
8. Ms. Sonali Deshmukh - Student Representative IT Engineering
9. Mr. Nilesh Dorge - Student Representative Computer Engineering
10. Mr. Sandip Rajput - Student Representative Mechanical(P.G.) Engineering
11. Mr. Rajkumar More - Student Representative Civil (P.G.) Engineering

Main objectives to establish alumni association are as follows –

- To Mentor the students of the college for higher education, development of professional ethics and social awareness
- To encourage the students of the college & members of the Association for research & development work in various fields of Engineering
- To arrange and support in placement activities for the students
- Promote the industry-institute interaction to bridge the gap between industry requirements and education offered and enhance students' employability
- To encourage and guide the students of the college on self employment to become entrepreneurs.
- To provide Scholarships/prize to deserving students and ex-students of the college – for the purpose of Education and Sport.
- To encourage and support students of the college in sports, cultural and extra-curricular activities.
- Facilitate and encourage alumni to contribute towards improvement of the students' career and all round development of the institution.

File Description	Document
Any additional information	View Document

5.4.2 Alumni contribution during the last five years

Answer: <1 Lakh

File Description	Document
Alumni association audited statements	View Document
Any additional information	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Answer: 1

5.4.3.1 Number of Alumni Association /Chapters meetings held year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
1	0	0	0	0

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years.	View Document

6.Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution

Answer:

Vision: Committed to comprehensive development of students through quality technical education.

Mission:

- To provide state of art infrastructure that shall create ambience to encourage novel ideas, research activities and consultancy services.
- To inspire students in creation & entrepreneurship.
- To create future technocrats with intelligence, technical skills & good ethical moral values so as to serve needs of society & industries.
- To provide healthy Teaching – Learning environment that will cultivate contemporary research activities, innovations & inventions.
- To develop center of excellence in technical education.

The institution works under the management of the Society, Akhil Bharatiya Maratha Shikshan Parishad whose motto is " Bahujan Hitay Bahujan Sukhay". (In the interest and welfare of the common masses). Society was established to carry forward the educational thoughts of the mass leaders like Rajarshi Shahu Maharaj, Yashwantrao Chavan (former Deputy Prime Minister and the Architect of Modern Maharashtra), Keshavrao Jedhe and Bhausahab Hire who firmly believed that progress in society will be achieved only by education. Mission statement of the institute reflects the motto of the Society and working in that direction which is enlisted with the following points.

Quality education and skill initiatives:

- The institute offers quality education for Under Graduate and Post Graduates courses to educate students in higher technical education which fulfills the need of society.
- The institute provides value added programs in each department in addition to the Savitribai Phule Pune University curricula.
- Institute has signed Memorandum of Understanding with College of Engineering Pune to motivate students and faculty members for research and academic excellence.
- Institute also signed Memorandum of Understanding with Zensar Technologies, Tata Consultancy Services Ltd, Ingegnier Ensignht research, Opulent Info-Tech, Global Talent Track and Victronics Control System for knowledge creation about technology development.
- The college arranges Industrial visits, field projects and internship for the students which help them to bridge the gap between curricula and industrial practices.

Higher/competitive education initiatives:

- Institute create awareness among the students for higher studies and competitive examinations by providing study material for GATE/MPSC/UPSC examinations.
- Institute motivates faculty members for higher education like PhD and submits their research proposal to different funding agencies.

Institution's Traditions and Value Orientations:

- Institute organizes traditional programs such as cultural events, sports events, Teacher's Day and Engineer's day etc.
- Institute motivate to the students through ART CIRCLE for participation in cultural events like Sinhgad Karandak etc.
- Institute organizes national level conference named "National Conference on Technical Revolution" where faculty members are motivated to publish their research work.

6.1.2 The institution practices decentralization and participative management**Answer:**

The top management has defined vision and mission of the institute, in that view, Top management, Principal and faculty work together for design and implementation of quality policy for the students. Principal and faculty design the quality policy in line with the vision and mission. The Principal, Head of Departments, senior faculty members initiate the thought process and invite suggestions from faculty members through Head of Departments. The Principal prepares the draft of quality policy and implementation plan considering the appropriate suggestions given by the faculty and discusses with management about the support required from top management for the effective implementation. The top management provides all necessary infrastructure, manpower and resources required for the implementation of quality policy. Finalized plan is get implemented by forming various functional subcommittees.

For the case-study we have taken example of ISTE Student Chapter which were formed for implementing the different quality policy.

The Indian Society for Technical Education (ISTE) is the leading National Professional non-Profit making Society for the Technical Education System in our country with the motto of career Development of Teacher and Personality Development of Students and overall development of our Technical Education System. In the institute ISTE student chapter is established during 2015-16.

Objectives of ISTE Student Chapter:

- To formulate the general goals and responsibilities of technical education.
- To develop effective teachers and educational administrators.
- To enhance professional ideals & standards.
- To foster research as a function complementary to teaching.

In view of the objectives of ISTE Student Chapter, it has always been a priority for institute to encourage and support faculties and students to organize, participate in various conference, and trainings. The institute is actively involved in numerous activities at intra-college and or inter-college levels, whereupon students and staff interact with each other which brings upon useful inputs and outputs which aids development and betterment of technical education. Every year under the ISTE Student Chapter different programs were arranged like "SparkTech", "Engineer's Day" since from its establishment.

About Spark-Tech first thought is raised by Principal which get sanctioned from top management than faculty coordinator were formed for the successful implementation of event. SparkTech2k17 which was held on 17th, 18th, 19th Feb 2017. In this program every department conducted Technical and non-technical events for which various committees were formed for the successful implementation of program.

Student post- Chairperson, Vice-Chairperson, Secretary, Joint-Secretary, Treasure

Committees- Editor Team, Promotional Team, Technical Event team, Social Activity Team, Social Media Team, Decoration Team, Photography Team

Events organized department wise:

Civil	Model Making , Zero Mile, Save The Egg
Computer	Innovative Minds, War of Code and Counter Strike
Electronics and Telecommunication	Project Mania, Decode Me, Treasures Hunt
Information and Technology	Techno Pirates, Blind Dexter, Mock CID
Mechanical	Robotron, Cad Combat, Lathe Worrier.

Through the above activity participating Management of Top management, Principal, Faculties and students decentralization and participative management of all the stakeholders is involved, which helps in successful implementation of programs for the overall development of students.

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Answer:

National Service Scheme

Aim of National Service scheme is to develop the personality of college students through Community Service. National Service Scheme has been functioning as a regular feature in the realm of our education. The overall objective of the scheme is to provide service to the community through which the objective is sought to be achieved. It is a student-cantered program in which projects are implemented by the NSS volunteers in the community in close collaboration with the community and thereby it provides vast scope for the student's interaction with the people.

Under National Service scheme, Institute has organized 7 days camp from 18th December to 24th December 2016 at nearby village to contribute for the society. This activity was successfully completed by taking different meetings with all student and faculty coordinators as per strategic plan.

7 Days National Service Unit Camp has contributed for following points-

- Andhshraddha Nirmulan
- Voting Awareness
- Cleanliness Program
- Swachhata Abhiyan

Meeting 1

The meeting was held at institute for planning of camp. National Service Unit programme officer has initiated the meeting. All staff coordinators and student coordinators were present for the meeting. The agenda of meeting was selection of students through interview. National Service Unit consist of 50 students. Interview was conducted for students. Out of 50 students, 25 students were selected based on their interest and views towards society.

Meeting 2

The agenda of meeting was finalization of camp location and period of activity. Date was finalized by considering academic calendar of Savitribai Phule Pune University. It is ecided to visit nearby different locations for availability of camp space .It is discussed to select the village where residential and all basic facility was available.

Meeting 3

Report from visited students was discussed among staff and student coordinators. After fruitful discussion, camp duration and village was finalized. The village finalize for the camp was “ **Degaon**” Tal- Bhor, Dist- Pune.

Meeting 4

Student committee was formed. Staff members were selected for the camp. Day1 to Day 7 schedule was discussed and finalized. Each day was divided in 3 Sessions. First session comprises of Exercise, rally and tree plantation. Second Session comprises of expert lectures. Third Session comprises of Gram Survey, Camp Fire and cultural activity.

Permission for the camp was taken by forwarding permission letter to ABMS Parishad. After taking permission, camp team departs towards Degaon.

With the help of strategic plan developed during the discussion with all staff members and students, NSS camp activity successfully completed.

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Answer:

College Development Cell

Vice President	Shri. Ajitdada Anantrao Pawar
Vice President	Shri. Shashikant Shankarrao Sutar
General Secretary	Mrs. Pramila Bhagwatrao Gaikwad
Joint Secretary	Shri. Sandeep Sudamrao Kadam

Member	Shri. Dhairyshil Vasantrao Vandekar
Member	Dr. Navnath Baburao Pasalkar
Head of Department	Prof. Ganesh Eknath Kondhalkar
Teacher's Representative	Prof. Manoj Anandrao Mulik
Teacher's Representative	Prof. Dattatray Pandurang Kamble
Teacher's Representative	Prof. Snehal Mohan Veer
Co-ordinator IQAC	Prof. Shailesh Shivaji Hajare

Functions of various bodies

College development Committee take meetings on time to time to monitors academics & financials and related developments were discussed. Internal Quality Assurance Cell is working for quality improvement

Administrative Setup

- Office Superintendent
- System Admin
- Accountant
- Clerk handles student section, Scholarship section and purchase section
- Supporting staff

Recruitment Procedure

Recruitment of faculty interviewed by university selection committee and for supporting staff by the management and head of institution.

Filling in of Permanent Vacancy

Selection Committee shall consist

- Chairman, member/s from Governing Body of the institution
- A nominee of the Vice-Chancellor
- A Expert nominated by the Vice-Chancellor
- A nominee of Director of Higher Education, not below the rank of Deputy Director
- Head of the Institution
- Head of the concerned Department
- If the post is reserved one, the Vice- Chancellor shall nominate a member belonging to Scheduled Caste or Scheduled Tribe or Denotified or Nomedic Tribe who should preferably an expert on the subject

Filling in of Temporary Vacancy

Selection Committee shall consist

- The Chairman/members of the Governing Body of the institution
- The Head of the Institution
- The Head of the Department from the department where post to be filled
- One subject expert from other institution

Procedure

- All posts of the teachers shall be widely advertised with particulars of minimum and other qualifications, if any, and emoluments. Reasonable time shall be allowed to applicants, to submit their applications
- The date of the meeting of the Selection Committee shall be so fixed as to allow the notice of fifteen days to each member and to the candidates. The particulars of each candidate called for interview; in consultation with the Head of the Department/Principal of the College, Head of the Recognized Institution, shall be supplied to each member, so as to reach him seven days before the date of the meeting
- The quorum to constitute a meeting of the Selection Committee shall be four members of whom, one being an expert nominated by the University

Service Rule & Promotion

As prescribed by Savitribai Phule Pune University, Govt. Of Maharashtra and A.B.M.S. Parishad, Pune

Grievance redressal mechanism

There is a grievance redressal committee which resolves grievances of staff and students of the college.

File Description	Document
Any additional information	View Document

6.2.3 Implementation of e-governance in areas of operation:

1.Planning and Development

2. Administration

3. Finance and Accounts

4. Student Admission and Support

5.Examination

Answer: C. Any 3 of the above

File Description	Document
Screen shots of user interfaces	View Document
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Answer:

College magazines are very good platform for students to share their creativity and thereby gain confidence. Magazine has a great educative value. Magazine encourages the students to think and write. So they develop their writing skills and talent. They also develop their power of thinking and strengthen their imagination which increases general knowledge of the students and they acquire the habit of reading and writing. The college magazines also teach the students the value of co-operation and encourage healthy competition.

Magazine committee was formed under the guidance of Principal of institute on 02/12/2015 for academic year 2015-2016 and Magazine name was decided as “Parvati 2015-2016”.

Meeting 1 was held on 03/12/2015 regarding finalization of magazine theme. Theme was finalized as “Smart City”.

Following points were discussed:

- Editing
- Photo Galley
- Departmental Achievements
- Toppers
- Departmental activities such as Teachers Day, Engineers Day, etc.

Meeting 2 was held on 11/12/2015 regarding work distribution among the committee members. The work was assigned to the departmental magazine coordinators as:

Sr. No.	Coordinator	Work
1	Mr. Digambar Pawar	TPO Activity
2	Prof. S. R. Kokane	ISTE Spark Tech
3	Prof. K. S. Jetha	Sport
4	Prof. Kartik Krishnan	Engineer’s Day & Industrial Visit
5	Prof. D. P. Kamble Prof. N. M. Gaikwad	NCTR, FE Departmental Activity
6	Prof. S. S. Salvekar	Fresher’s Party, Medical Camp Report
7	Mrs. A. A. More	Editorial changes & grouping of all departmental papers

Thus each member of committee was assigned some specific work in order to completion of Magazine.

Meeting 3 was held on 24/12/2015 regarding finalization of Front Cover and Back Cover of Magazine. After fruitful discussion, it is decided that the Front Cover and Back Cover should be the painting created by one of the student Vishal B. Gurav.

Meeting 4 was held on 02/01/2015 regarding collection of various data which was needed for Magazine.

Following points were discussed:

- Admission Report
- Result Analysis
- Staff & Students Achievements
- Guest Lectures
- Photos

Meeting 5 was held on 13/01/2015 and following activities are assigned.

Sr. No.	Coordinator	Work
1	Prof. S. R. Kokane	photo of Management Committees
2	Prof. Kartik Krishnan	Messages

Meeting 6 was held on 22/01/2016 regarding finalization of Articles. Magazine committee checked various received articles and among those, some articles were finalized for Magazine.

Meeting 7 was held on 02/02/2016 regarding finalization of Photo Gallery. Magazine committee sorted various collected photos and sorted photos were arranged in proper sequence.

Meeting 8 was held on 15/02/2016 regarding finalization of Magazine for printing. Magazine committee checked and corrected data were arranged in proper format and rough draft is sent for printing.

Meeting 9 was held on 26/02/2016. Proof reading was done by all Magazine committee members and finalized copy with some changes was sent for final printing.

The outcome of all these meetings was our Magazine "Parvati 2015-2016". The Magazine was inaugurated on 10/03/2016.

6.3 Faculty Empowerment Strategies

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

Answer:

The following welfare schemes are available for teaching and non – teaching Staff of the institute:

- 6th pay implementation for eligible staff members.
- Provident Fund Scheme is applicable to all non teaching members and some of the teaching members
- Group Insurance facility is available for all employees.
- Gratuity scheme is provided for employees.
- Maternity leave is allowed to Ladies staff
- Employees can avail Medical leaves as and when required.
- Dress codes are provided to non teaching staff.
- Duty leaves are given to Teaching and non teaching - staff for attending workshops, Seminars and conferences etc.
- Conduction of health awareness programs.
- Regular induction of Fire safety and security workshop.

6.3.2 *Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years*

Answer: 5.59

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
0	12	5	0	0

File Description	Document
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Details of teachers provided with financial support to attend conferences, workshops etc. during the last five years

[View Document](#)

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Answer: 0.4

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	1	1

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document

6.3.4 Average percentage of teachers attending professional development programmes viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programme during the last five years

Answer: 33.03

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
23	32	14	8	7

File Description	Document
Details of teachers attending professional development programs during the last five years	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Answer:

It is a systematic method of determining the relative value of all jobs content, not on how well an individual performs the work. The staff must complete the Self-appraisal form after the completion of an academic year.

Parameters of Evaluation:

Each employee of the Institute is evaluated in a systematic manner on an annual basis. The Head of the Department leads the performance appraisals which are further reviewed by Principal and the Management. Areas to be evaluated include-

- General Appraisal: Quality of job accuracy, general intelligence, integrity & character, punctuality, relation with colleague/students continue in the present position.

- Number of National / International conferences attended
- Number of Paper Published in National/International Conferences
- Number of Seminars attended (National/International)
- Career Advancement program like PhD Admission
- QIP(Quality Improvement Programs) Grants
- Academic Appraisal: Areas to evaluate are control over class and discipline, proficiency in subject of specialization.
- Student Feed Back: Confidential student feedback shall be collected in per semester and reviewed by the Principal.
- Result Analysis: Result analysis of subject taught by the faculty.

Performance appraisal system of the non teaching staff:

- Self appraisal: self appraisal report is prepared depending upon the value added activities performed in institute during the tenure.

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Answer:

Anantrao Pawar College of Engineering & Research, Parvati, Pune appointed internal and external auditors. Generally the External audit is held in August and September in every year. The institute has a mechanism for internal and external audit as follows.

Mechanism for Internal Audit:

- The board of trustees of Anantrao Pawar College of Engineering & Research, Parvati, Pune, appoints internal auditors for conducting internal audits of its institutes.
- The team of one institute conducts audit for the other institute. The audit report is submitted to Principal and management.
- The Principal and accountant take care of doing compliance of the objections raised if any.

Internal Auditor	Year of Audit – with Count Number (Month)
Pravin Salunkhe & Associate, M.Com, Chartered Accountant, Office No. 404, 4th floor, Patil plaza, Mitra mandal chowk, Swargate, Pune-09	2016 – 17 - 01(April 2017)
	2015 – 16 - 01(April 2015 & May 2016)
	2014 – 15 - 02(Dec. 2015 & April 2015)
	2013 – 14 - 02(Dec. 2013 & April 2014)
	2012 – 13 - NIL

Mechanism for External Audit:

The statutory audit is conducted by registered Chartered Accountant firm.

External Auditor	Last Audit Year
Mr. K. B. Salunkhe & Co. B. Com (Hons.) FCA, B – 301, Bharat Bhavan, 1361, Shukrawar Peth, Behind sarswati mandir, Pune-411002	2016 – 17 - 01(September 2017)
	2015 – 16 - 01(August 2016)
	2014 – 15 - 01(September 2015)
	2013 – 14 - 01(July - August 2014)
	2012 – 13 - NIL

No minor and/or major objections have been raised in the internal and external audits.

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropers during the last five years (not covered in Criterion III)

Answer: 0

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropers year wise during the last five years (INR in lakhs)

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
Details of Funds / Grants received from non-government bodies during the last five years	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Answer:

Mobilization of Funds:

By taking permission of management by the principal of Anantrao Pawar College of Engineering and Research, Parvati, Pune. As there was surplus in case of drawing board according to SPPU syllabus and there was new requirement of computers in computer center and we were having old computers so above resources are mobilized to the following institutes for their necessity:

Sr. No.	Name of Mobilization Institution	Name of Received Institution/Department	Particulars	Quantity	Date
1	APCOER, PUNE	Anantrao Pawar College of Architecture, Parvati, Pune	Drawing Boards	40	13/02/2014
2	APCOER, PUNE	Sou. Laxmibai Baburao Salunkhe Primary School	Computers	4	21/12/2015

Optimal Utilization of Resources:

The institution has the policy to make available the infrastructure facilities every year to match the academic growth. At the same time the faculty and the students use them optimally.

- At department level, the laboratory facilities are made available to students as per their needs.
- Institute Library is kept open for extended hours for the students so as to utilize the reading room to its maximum.
- Resources like Tables, stools, racks, benches are manufactured at workshop in Mechanical Engineering Department and these resources are made available to various class rooms and laboratories of different departments.

Sr. No.	Utilized Resources	Quantity (approximate)
1	Laboratory Tables	50
2	Stools	300
3	Library Racks	20
4	Benches	374

- Technical Consultancy services are also provided via college's website which includes service like Water Quality testing, Soil Investigation, Testing of building materials (viz. Steel, bricks, stone and wood), Road Map Survey, Concrete Testing and quality and third party technical audits of Civil Engineering structures.. To conduct the survey, experiments and quality tests to conclude on results the required resources and laboratories are made available.

Sr. No.	Utilized Resources (Laboratories)	Services Provided
1	Environmental Laboratory	Water Quality testing
2	Geotechnical Laboratory	Soil Investigation
3	Testing of Material Laboratory	Testing of building materials, Concrete Testing and quality
4	Survey Laboratory	Road Map Survey

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

Answer:

The institute has formed IQAC and it has contributed to impart quality of education in respect of strategies, processes and overall development.

Following are the Examples driven by IQAC:

Example 1: Planning and delivering/monitoring for effective course delivery:

- To ensuring timely, efficient and progressive academic performance of student.
- To finalize Academic calendar of college by the principal and HOD's.
- Preparing Course plan and Course file of the subject by the respective subject teacher.
- Weekly monitoring the course delivery by the respective HOD's.
- HOD will take feedback from student regarding effective course delivery from student on time to time basis.
- Principal monitors effective course delivery of faculty through HOD.

Example 2: Research and Development Cell:

As an Emerging Research Institution in Pune City, Anantrao pawar college of engineering & research is becoming a unique community of Researchers who are conducting quality research. The seed in terms of thought of research is sowed in the mind of faculty and students by various means to cater the need of society through technological solution. The neutering of the research process in mind of faculty and student in done by means of participating in all the research activities of SPPU, Pune, UGC, AICTE and Ministries of Sate and Central Govt., who provide funds and awards. The all faculties are actively involved in the BCUD Research Grant Schemes of Savitribai Phule Pune University. Currently we are having 4 Projects ongoing and 35 are submitted under BCUD Research Grant Schemes, of Savitribai Phule Pune University.

Faculty members prepare students to break new ground in research and innovation, through scholarly contributions and challenging existing paradigms that will result in the improvement of technology. Since last 3 years the students of Anantrao pawar college of engineering & research are participating Avishkar [A novel interuniversity research project competition started by His Excellency, the Governor of Maharashtra] and brought the laurel to College by winning Avishkar-2017.

The project titled HEXACOPETR project is awarded **First Prize** at Inter-college Level, University level, State Level [DIPEX-2017], National Level [ANVESH-2017], received the design patent of the same and is appreciated in all the leading Newspapers like Indian Express, Pune Mirror, Sakal and many more. The Anantrao Pawar College of Engineering & Research teams having project "Implementation of Wearable Defense System for Women's Security using WSN" was shortlisted for the final round of "6th CSI In App National Student Project Awards 2017" is invited for their face-to-face presentation at Trivandrum, Kerala during 22nd and 23rd April 2017. The Faulty and students have filled the 4 patents in last year. With a great excellence in academics and innovations, Anantrao Pawar College of Engineering & Research gives the platform to the student's myriad opportunities to grow through various academic programs.

The Institute gives prime importance to the activities related to the Research, Innovation, IPR and PhD Work of all faculty members. The research environment of the institute is built by participation of faculties and students in various events seminars/workshops to enrich their knowledge.

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

Answer:

Example 1: Curriculum delivery by Faculty/Teacher:

This aspect of education is important and requires a great deal of attention. Both go hand in hand and to make them more effective and qualitative, it is necessary to make required facilities available to both teachers and students. To attain these goals, the function of IQAC is as follows:

- Development and application of quality benchmarks/parameters for the various academic and administrative activities.
- Facilitating the creation of a learner – centric environment conducive for quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process.
- Arrangement for feedback responses from students, parents on quality-related institutional processes.
- Development and maintenance of Institutional database through Content management system for the purpose of maintaining /enhancing the institutional quality.
- Promoting teachers along with students to do research and integrate it with teaching-learning for Quality enhancement.

Methodology:

Different methodology is used for curriculum delivery by Faculty are as follows:

- Academic calendar: helps to plan and execute academic activities throughout the semester.
- Load Distribution: Subject load is distributed among the faculties before commencement of the semester.
- Teaching Plan and Practical Schedule: Helps to complete course delivery content as per the schedule.
- Progressive Assessment Record: Regular monitoring of students performance by conducting Test and Seminars. Evaluation of Mini Projects and presentations in each semester.
- Remedial Lectures: To improve academic performance of slow learner students remedial lectures are arranged. Faculty will help the students to understand the concepts and help them for preparation for final examinations.
- Phone Calls to the Parents: Guardian faculty member observes daily attendance of each student and convey his/her absenteeism to parents/guardians. Faculty members convey academic performance and progress of the student to parents/guardians.
- Evaluation Process: Institute conducts unit Tests and Preliminary Examinations in addition to University Examinations considering academic calendar of Savitribai Phule Pune University. Display of online and theory examinations results on Institute notice board and website.

Example 2: Online feedback system for students and related corrective measures:

- Online feedback from students for curriculum design and delivery is collected through Content Management System – Moodle.
- Head of the Departments conveys the analysis of feedback to respective faculty members and corrective measures were taken for further improvements.

- Student centric teaching and laboratory plan
- Continues monitoring of students performance
- Improvement in Final Result of students

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Answer: 0

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
Any additional information	View Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document

6.5.4 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements
2. Academic Administrative Audit (AAA) and initiation of follow up action
3. Participation in NIRF
4. ISO Certification
5. NBA or any other quality audit

Answer: B. Any 3 of the above

File Description	Document
Details of Quality assurance initiatives of the institution	View Document

6.5.5 Incremental improvements made during the preceding five years (in case of first cycle)

Post accreditation quality initiatives (second and subsequent cycles)

Answer:

Promoting Faculty for Higher Education:

The institute believes that quality teaching comes out from in-depth knowledge and quality of research outcome. Accordingly, all necessary support is provided to faculty members to pursue higher studies, research and consultancy.

- The institute has a recognized PG research center under SPPU.

- Research and Development Cell has been constituted to monitor, excel and streamline research activities.

- The faculty of institute is actively involved in research activities through guidance to research scholars and PG students, funded research project, Pursuing higher education.

- To cultivate and promote research culture, the institute has established centers of excellence and research laboratories with necessary software and hardware facilities in all departments.

- The institute has collaboration with research laboratories, institutes and Industry for exchange of research facilities and experts. Training Placement Officer (TPO) of the institute coordinates all activities required for signing and execution of MoUs with industries and institutes.

Following faculty members are promoted for career advancement:

Sr. No.	Name of faculty	Year of Registration
1	Prof.Shelar A.B.	2012-13
2	Prof. Munde K.H.	2013-14
3	Prof. Kamble D.P.	2014-15
4	Prof.Gawande S.M.	2015-16
5	Prof.Kakde M.N.	2015-16
6	Prof. Raut S.S.	2015-16
7	Prof. Kondhalkar G.E.	2016-17
8	Prof. Gaikwad R.B.	2016-17
9	Prof. Hajare S.S.	2016-17
10	Prof. Lohar A. T.	2017-18

7.Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Answer: 20

7.1.1.1 Number of gender equity promotion programs organized by the institution year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
6	10	3	1	0

File Description	Document
List of gender equity promotion programs organized by the institution	View Document
Any additional information	View Document
Report of the event	View Document

7.1.2**1. Institution shows gender sensitivity in providing facilities such as:****1. Safety and Security****2. Counselling****3. Common Room**

Answer:

Safety and Security, Counseling, Common Room and Gender Equity**Safety and Security**

Along with 24 hours surveillance cameras, Security guards available on shift basis, movement register is maintained to keep a tab on the movements in & outside the institute and check on trespassing without I-cards. Different Committees like Anti ragging Committee and Squad, Internal Complaint Committee and Women Grievances and Grievance Redressal Committee, Hostel Squad and Committee are in place to take care of Gender Equity and Sensitivity. Institute conducts awareness sessions with the help of police department for the safety and security of students and women faculty To ensure safety within Institute premises, fire extinguishers are installed for emergency.

Counseling

The institute has counselor appointed who takes regular sessions and workshops of yoga and counseling about concentration and stress management etc. Apart from counselor, class teachers are appointed for academic coordination of the class and GFM is assigned for around 15-20 students who continue to be the mentor for the group of students by monitoring their academic records and Performance. They interact with the parents and counsel the students regularly via parent teacher meetings.

Common Room

1. Girl's common room : Room no 210, Area : 88.07 Sq. M
2. Boy's common room : Room no 221, Area : 88.07 Sq. M

Gender equity

Institute provides equal opportunity for all students to participate in various activities and processes which include administrative activities, co-curricular and extracurricular activities, sports, deputation to the

courses, and higher studies, appointments in committees, placements etc. without any discrimination (gender, caste, and religion).

There are 30% of girl students and 36.85% lady faculty in the institute, which shows that institute environment is absolutely non-discriminating based on gender. Gender biasing has been eradicated with good team work which helped in teaching- learning process. Institute organizes sessions on ethics, women health and hygiene, self-defense, Vidyarthini Arogya Prabodhini program and social activities to maintain conducive ambiance on campus among students.

Faculty members are nominated in various committees without any discrimination (gender, caste, religion). The institute has also established a 'Womens Grievance Cell' to sensitize the students and employees on gender issues, make them aware of the social, moral, and legal implication of gender in-discrimination, encourage value education upholding gender equality, and at the same time to deal with instances of sexual harassment on campus. The cell is committed to creating and maintaining an environment in which students, teachers and non-teaching faculty can work together in an atmosphere free of gender violence, sexual harassment, and gender discrimination.

File Description	Document
Any additional information	View Document

7.1.3 Alternate Energy initiatives such as:

1. Percentage of annual power requirement of the Institution met by the renewable energy sources

Answer: 0

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

Answer: 0

7.1.3.2 Total annual power requirement (in KWH)

Answer: 60103

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Answer: 33.7

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Answer: 8384

7.1.4.2 Annual lighting power requirement (in KWH)

Answer: 24876

File Description	Document

Details of lighting power requirements met through LED bulbs

[View Document](#)

7.1.5 Waste Management steps including:

- ***Solid waste management***
- ***Liquid waste management***
- ***E-waste management***

Answer:

SOLID WASTE MANAGEMENT

The solid waste generated in the institute premises by dry tree leaves, raw kitchen waste (from canteen) etc. has been treated to make compost fertilizer. We have prepared 6 dumping pits of 5 feet deep and 5 x 3.5 feet wide area where the waste is dumped on daily basis day by day. Each bore is assigned a day name plate where the solid waste is collected and dumped with another layer of soil along with water for the decomposition process and ensuring proper aeration by regularly turning the mixture. After complete decomposition of this material as compost fertilizer is use in our garden.

LIQUID WASTE MANAGEMENT

Water pipes are structurally sound provided with inspection eye at all junction & bents in the drainage in system. Sewage drains are provided with inspection chambers (IC) & manholes (MH) where a main collecting drain changes direction or gradient. There are seven numbers of ducts where pipe are installed with sufficient working space. In drainage system of building, we have provided two pipe systems in which the soil (cast) & waste pipe are distinct and separate. The soil pipes are connected to the drain direct and waste pipes through a trapped gully. All traps of all appliances are completely ventilated. Water Supply Pump & Pipes are inspected to be leakage free connections with safety valves. Drainage system is connected with municipal sewer line.

E-WASTE MANAGEMENT

Keeping in mind the global hazards of electronic waste, Institute is sincerely trying and putting our best foot forward to deal with any electronic waste that will be generated in future. Institute has collaborated with a renowned foundation called “SwACH”, for the proper disposal of e-waste. Students and staff are encouraged to deposit the e-waste generated at a specific location in every department, dedicated for collection of e-waste. The CDs which are no more needed are utilized by students for decorative purpose during various college events.

7.1.6 Rain water harvesting structures and utilization in the campus

Answer:

Anantrao Pawar College of engineering and research is located at South-Western region of Parvati, Pune, state of Maharashtra in India. The geographical campus area of our college is around 68 Acres which is located at Parvati hills where ample of trees are planted, this prevents soil erosion. As per the topography direction of runoff, we have maintained 5 natural ponds in campus which will help to recharge ground water naturally. Rain water will be stored in the selected ponds as per their capacity, and will simultaneously recharge the ground water table, in turn conserve the rain water. These natural ponds will help to conserve rain water effectively and use it efficiently during summer season. Output from these natural ponds will results in ground water recharge as well as water conservation. This is a aspect towards an initiate for conservation of rain water.

We have also implemented ‘Sustainable Urban Drainage System (SUDS)’ in the campus premises, in these the discharge water from buildings and the surrounding open areas affects the nearby water bodies and helps natural recharging of ground water. Sustainable Urban Drainage System is used for managing urban run-off from paved building areas in a sustainable manner. These systems are based on underground pipe networks which remove water from building sites. Permeable paving run-off is allowed to percolate through a porous paving surface to reduce the need for surface water drains. We have installed Infiltration trenches which are stone-filled reservoirs in which storm water run-off is directed, and from there the water gradually infiltrates into the ground. We have provided these infiltration trenches with a perforated pipe which carries flow in the trenches. This enables the storage, filtering and some infiltration of water passing from the source to the discharge point. This system is designed and developed to successfully incorporate both infiltration and filter systems.

File Description	Document
Any additional information	View Document

7.1.7 Green Practices

- **Students, staff using**
 - a) **Bicycles**
 - b) **Public Transport**
 - c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Answer:

Anantrao Pawar College of Engineering and Research is enriched with a lush green campus of around 68 acres. The institute makes special efforts to engage in environmental awareness among the students via Tree Plantation Programmes. Institute firmly believes in “Green India, Clean India” which leads to environmental awareness and action. The institute has undergone a Green Audit towards survey of landscaping with trees and Plants. The institute has not given permission to install any electromagnetic towers in the premises in order to maintain the radiation less campus.

To reduce the load on our ecological footprint, we reduced the usage of plastic in institute/canteen premises by promoting “Say no to Plastic” and also follow a paperless office by using an organizational mailing system for official and departmental communication. A number of Green and Clean Initiatives have been undertaken under NSS to clean the campus premises promoting “Swachh Bharat”.

To maintain an ecological balance by marching towards carbon neutrality, we promote use of public transport. The institute has availed students’ concessions from Pune Municipal Transport, State Transport and Indian Railways. Students fill the concession form and avail the benefits during daily and vacation travel for students. Cycle stands are also installed for the students using Bicycles for commutation thereby contributing to carbon-less campus.

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Answer: 0

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year wise during the last five years(INR in lakhs)

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
Details of expenditure on green initiatives and waste management during the last five years	View Document

7.1.9 Differently abled (Divyangjan) Friendlines Resources available in the institution:

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

Answer: C. At least 4 of the above

File Description	Document
Resources available in the institution for Divyangjan	View Document

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Answer: 2

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
1	0	1	0	0

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Answer: 3

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year wise during the last five years

Answer:

2016-17 2015-16 2014-15 2013-14 2012-13
2 0 1 0 0

File Description	Document
Details of initiatives taken to engage with local community during the last five years	View Document

7.1.12

Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Answer: Yes

File Description	Document
Any additional information	View Document

7.1.13 Display of core values in the institution and on its website

Answer: Yes

File Description	Document
Any additional information	View Document

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

Answer: Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document
Any additional information	View Document

7.1.15 The institution offers a course on Human Values and professional ethics

Answer: Yes

File Description	Document
Any additional information	View Document

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions

Answer: Yes

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Answer: 7

File Description	Document
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Any additional information	View Document
List of activities conducted for promotion of universal values	View Document

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Answer:

India is a land of multi-ethnicity where people of different languages and cultures live together with peace and harmony. India is worldwide known for its cultural diversity and colorful festivals. We have 3 national festivals such as Gandhi Jayanti, the Independence Day and the Republic Day.

1. Gandhi Jayanti is celebrated to commemorate the birth anniversary of the Father of the Nation, Mahatma Gandhi. Every year, this auspicious occasion is celebrated on 2nd October. With great zeal and enthusiasm, we pay homage and tributes to Mahatma Gandhi on this day. Various cultural programmes showcasing Mahatma Gandhi's life and struggle for independence are organized in the college to remember the legacy of Mahatma Gandhi.

2. Independence Day is celebrated to mark the independence of India. India became independent on August 15, 1947, after the British left the country. Since then, 15th August is celebrated as the Independence Day. On this day, in the Institution various events including flag-hoisting and march-past are organized to commemorate the day of freedom.

3. Republic Day is among the three national festivals of India. This auspicious day is celebrated on 26th January to commemorate the adoption of constitution. Like the Independence Day, flag hoisting ceremony and cultural programmes are organized in the Institute on Republic Day.

4. Ambedkar Jayanti is an annual festival observed on 14th April to commemorate the memory of Dr. Babasaheb Ambedkar in the institute. Students deliver informative speech on the life history of Dr. Babasaheb Ambedkar. Important incidents from his life are narrated by students for inculcating good values among them.

5. National Youth Day was celebrated in the institute on 12th January on the birth anniversary of Swami Vivekananda. The objective of celebrating youth day in the institute aims to promote ways to engage the youth in becoming more actively involved in making positive contributions.

6. We also pay homage and tribute to many a freedom fighters and social reformers on occasion of their birth/death anniversary.

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Answer:

Financial Transparency

The Finance and Accounts Department of the Institute is engaged in providing the services pertaining to Finance and maintenance of accounts of Teaching and Non-Teaching units along with academic/examination fees of the student and other expenditure towards the academic prospects. At the end of fiscal year, accounts department under goes a financial audit so as to have transparency in the expenses.

Academic Transparency

The overall academics is conducted as per the rules and regulations laid by Directorate of Technical Education, Maharashtra State, Mumbai and Savitribai Phule Pune University (SPPU), Pune. All the lectures and practicals are conducted according to the curricula and academic calendar of Savitribai Phule Pune University. The Institute conducts all the examinations as per schedule notified by the Savitribai Phule Pune University by displaying them on notice boards. The academic performance of the students is regularly monitored and displayed on the departmental notice boards in terms of their attendance and preliminary test results conducted before the university examination.

Administration Transparency

The administrative unit being important part of the institute, it is responsible for the admission procedure, supervision and maintenance of the official records. The entire process from starting from admission till the successful completion of academic years and handing over of his/her leaving certificate of every student is well documented and followed according to the rules and regulation stated by the statutory bodies. The administration data is all maintained on an ERP system called Vriddhi. Administration section also does assist in services for students such as form filling, Handing over of hall tickets, Results and other documents on request.

Auxiliary Function Transparency

Institute has an active library system full-fledged with a number of books, journals and e-resources purchased in accordance with updated syllabus of all branches. The resources issuance and allocation is well maintained and documented.

The sports department too maintains its transparency by keeping its selection procedure unbiased. The rules and dates for selection procedure are displayed well in advance for all Inter-college, zonal and national level.

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Answer:

Best practice - I

Title : Community Service through quality testing of material used in Civil engineering structure and third Party Audits

Objective

The prime objective behind the practice is to engage in and be relevant to community by providing technical services. Besides education, we employ economically feasible, technically viable, advanced design and testing solutions in quick turnaround time which will be recognized by its quality.

The Context

To have an insight of the new and updated government policies a regular ground level exposure is required and the policies will have to be reviewed regularly to ensure that they are in line with current legislation and best practice.

The Practice

The college receives letter towards specific services from various agencies like Municipal councils, PWD, Irrigation Department, Forest Department etc. Reports and testing charges bill is submitted to the respective agency for payment. Thereby proving all third party technical audits of Civil Engineering Services thereby gaining healthy Industry Institute Interaction.

Evidence of Success

The success of the practices can be observed by the regular incoming new service requests, payments and the work completion certificates received from the respective agencies.

Problem Encountered and Resources Required.

Tool and techniques like Total Station, UTM, Triaxial testing machine, Impact Testing machine, Core Cutter, NDT, Rebound hammer testing are incorporated. Along with the tools and Testing, the major resource required is the skilled labor and technicians which are very essential while carrying out the practice. The agencies pay the consultancy charges very late to the institute.

Best practice - II

Title : Social Coupling and service through NSS

Objective of the Practices

Provoking students to understand their community and relation between them and help solve their problems keeping in mind a sense of social and civic responsibility and thereby acquiring leadership qualities and democratic attitude.

The Context

There are many sections of community which needs the participation of students and youth which leads to close interaction between the community and in-turn develops leadership qualities among the youth. Environmental Consciousness, Disaster management, Cleanliness, Citizenship rights and Duties, Women education and awareness campaigns on health and sanitary conditions are just a few to enlist.

The Practice

Institute organizes a 7 day camp every year to engage with community in various respects via "Prabhat Pheri" on various themes like "Andhashraddha Nirmulan, Voting Awareness, Save girl child, Save trees, Hygiene and Cleanliness.

The events like Swacch Bharat Abhiyan, Gram Sarvekshan, Tree plantation, Study of Village history, Street Plays on subjects of various social awareness acts are conducted.

Evidence of Success

The said practice is carried out in villages viz. Parinche, Ranjane, Degaon and Alandi in nearby vicinity of Pune region. The success can be measured by the recognition letter duly signed by the Sarpanch and Gram Sevak of the respective village.

Problem Encountered and Resources Required.

To carry out the practice successfully 25 students along with 5 staff members have a residential planning including their lodging and boarding, to and fro traveling to the planned location every year.

File Description	Document
Any additional information	View Document

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Answer:

The ABMSP's Anantrao Pawar College of Engineering and Research at Parvati, Pune distinguishes itself from peer institutions by offering an affordable, highly personalized, student centered quality education to diverse students. It was established in 2012 comprised of students, faculty, and staff who possess differing attributes based on race, ethnicity, gender, sexual orientation, disability status, age, religion, and other characteristics. Diversity grounds intellectual pursuits provides us with opportunities for discovery and ways to integrate all individuals and groups into the larger community, respecting and valuing their uniqueness while simultaneously advancing the Institutes historical tradition.

Anantrao Pawar College of Engineering and Research was named after keeping in mind the research outcomes and the broader mission by its visionaries. The prime objective of the institute is to sow the seeds of research among the graduate and post graduate students along with faculty members to publish their work in reputed Conferences, Symposiums and International Journals. The studentst who undergo the syllabus of Engineering for four years have to come up with an innovative idea at the end of the curriculum which is expected out of research as their final year project. The post graduate students too have to go through the same process as well. The faculty members who are full time engaged in teaching also urge to come up with their findings, experiments and show their competencies and research potential to encouragement in research domains to other faculties and students as well.

The Undergraduate and Post-Graduate Students are assigned a guide towards their project ideas and various domains. The students are asked to publish a survey paper after the completion of their literature survey. In the later section towards their experimentation/ analysis and Conclusion, they are expected to publish a Research Findings paper or Result paper in reputed International Journals.

In accordance with faculty, every faculty member publishes their research findings in various Journals and Conferences throughout the Year. A National Conference on technical revolution is arranged every year to promote research in the Student- Teacher community.

Every student has at-least one research paper on his/her name at the of the Course in reputed Journal. The Students have bagged many prizes at National and Zonal Levels with their project ideas in project idea competitions like 'AVISHKAR' and 'DIPEX'. The Students have got recognized from various media sources. They have also been encouraged to file patents and as a result a number of patents are published by students.

Every faculty has led their research findings towards their own PhD projects and published various papers in international Journals and Conferences. A number of patents are also filed by the staff member and got recognized in various newspapers. Also a special issue of the faculty research papers is Published since 2016 under the name 'IJRESTs'. A number a research proposals by faculty members have got research grants from Savitribai Phule Pune University.

File Description	Document
Any additional information	View Document

Extended Profile

Programme

Number of courses offered by the institution across all programs during the last five years

Answer: 7

Number of self-financed Programmes offered by college

Answer: 7

Number of new programmes introduced in the college during the last five years

Answer: 2

Student

Number of students year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
880	1401	732	541	141

Number of seats earmarked for reserved category as per GOI/State Govt rule year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
70	139	139	139	120

Number of outgoing / final year students year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
266	177	30	99999	99999

Total number of outgoing / final year students

Answer: 676

Academic

Number of teachers year wise during the last five years**Answer:**

2016-17	2015-16	2014-15	2013-14	2012-13
76	60	63	36	20

Number of full time teachers year wise during the last five years**Answer:**

2016-17	2015-16	2014-15	2013-14	2012-13
71	60	63	36	20

Number of sanctioned posts year wise during the last five years**Answer:**

2016-17	2015-16	2014-15	2013-14	2012-13
76	88	68	44	20

Total experience of full-time teachers**Answer:** 334***Number of teachers recognized as guides during the last five years*****Answer:** 7***Number of full time teachers worked in the institution during the last 5 years*****Answer:** 140**Institution*****Total number of classrooms and seminar halls*****Answer:** 21***Total Expenditure excluding salary year wise during the last five years (INR in Lakhs)*****Answer:**

2016-17	2015-16	2014-15	2013-14	2012-13
372.9	287.5	221.58	183.16	83.20

Number of computers**Answer:** 466***Unit cost of education including the salary component(INR in Lakhs)*****Answer:** 0.87420***Unit cost of education excluding the salary component(INR in Lakhs)*****Answer:** 0.42376**Conclusion**

Additional Information :

- Institute has functional MoUs with institutes like College of Engineering, Pune, ICT Academy and Industries like Zensar Technologies, Ashok Constructions.
- Institute provides placement assistance to graduates from previous batches as well.
- Institute arranges industrial visits and field trips so as to give a gist of real time scenarios of what they are learning.
- Two of our faculties selected in government sector at a post of Executive Engineer and Deputy Engineer.
- Institute got approval to run five courses for skill development each with the capacity of 24 students under Pradhan Mantri Kaushal Vikas Yojana (PMKVY).
- Ten faculty members promoted for PhD.
- Faculties and students filed their patents.
- Parent society has started initiative for employable and entrepreneurial Skill development scheme by starting Rajarshi Shahu Academy.

Concluding Remarks:

Visionary leaders of Akhil Bharatiya Maratha Shikshan Parishad established institute with the thought “Bahujan Hitay, Bahujan Sukhaya”. Institute is walking hand in hand with their visionary thoughts towards the pinnacle of quality technical education, research, social responsibilities, and technological revolution on the path of academics.