



YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	ANURADHA ENGINEERING COLLEGE, CHIKHLI
• Name of the Head of the institution	Arun Narayanrao Nanhai
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	07264-242063
• Mobile no	9860729013
• Registered e-mail	annprincipal55@gmail.com
• Alternate e-mail	arunnanhai@gmail.com
• Address	Sakegaon Rd
• City/Town	Chikhli
• State/UT	Maharashtra
• Pin Code	443201
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Semi-Urban

• Financial Status	Self-financing				
• Name of the Affiliating University	Sant Gadge Baba Amaravati University ,Amaravati				
• Name of the IQAC Coordinator	Dr. P.S.Gawande				
• Phone No.	9422883793				
• Alternate phone No.					
• Mobile	9422883793				
• IQAC e-mail address	psgawande2007@gamil.com				
• Alternate Email address	vijay_gurudasani@yahoo.com				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://aecc.ac.in/anuradha/IOAC/AQAR_report_2019-20.pdf				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://aecc.ac.in/anuradha/calendar/calender20-21.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.12	2018	26/09/2018	25/09/2023
6.Date of Establishment of IQAC			20/07/2016		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Nil	Nil	Nil	Nil	Nil	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			View File		

9.No. of IQAC meetings held during the year	4	
<ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> • If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> • If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
<ul style="list-style-type: none"> • Because of the current pandemic, compelling the online learning, robust changes with several innovative techniques in the teaching-learning process were made. • As a social responsibility and to strengthen the institute-society bonds, numerous social activities were organized by the institute during the second wave of covid. • To enhance the greenery in campus, making the campus more comforting and healthier for the students, the decision to plant 1000 trees in the campus was successfully implemented. 		
12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year		

Plan of Action	Achievements/Outcomes
International alumni meet	Interaction of students and staff with alumni holding top positions abroad. Students and staff understood the current trends and practices being adopted worldwide. Students get acquainted with the scope for higher study and professional development in various countries.
Webinars and guest lectures	Numerous online webinars and guest lecturers of eminent persons from the industry were arranged. Enhanced knowledge of students and staff. Strengthened the industry-institute bonds
Social activities in second wave of covid.	Strengthened bond with local society. Inculcated the social values and social ethics in the students.
Numerous online extracurricular activities	Enhanced self-confidence in the student. All-round development of students.
Parent meets	Several online meetings with parents to sort out their concerns regarding the future of their ward's career in the current pandemic. Making them comfortable in the current pandemic situation. Discussed the issues that students face in online learning. Shared the student's progress with parent.
13. Whether the AQAR was placed before statutory body?	No
<ul style="list-style-type: none"> Name of the statutory body 	

Name	Date of meeting(s)
Nil	Nil

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2020-21	15/02/2022

15. Multidisciplinary / interdisciplinary

Being an affiliated institute, course structure and the contents (Course curriculum) are designed by the affiliating university SGBAU, the university yet to implement the Multidisciplinary/interdisciplinary approach fully. However, in order to provide the holistic academic growth among the students all streams have been given a facility of open elective through which the students of one branch can opt the course from another branch. Classes for Add-on courses are being conducted on-line/off-line so that students of all streams can choose their preferred multi-disciplinary subjects. Students are also encouraged to register for the same. Affiliating university is in a process to implement NEP 2020. It is essential to equip students with the skills required in the 21st century, and multidisciplinary/interdisciplinary education is one way to achieve this. While the implementation of this approach in education may require more clarity in the future, the institute is open to change and ready to implement it. This approach will undoubtedly enable students to develop a broad range of skills and become well-rounded individuals.

16. Academic bank of credits (ABC):

As per the directions of affiliating university and also the directions of UGC, institute has proposed to implement ABC for all incoming students from the academic year 2022-23.

17. Skill development:

Institution is providing Value-based education through NSS scheme. Institute has NSS unit of 150 capacity to inculcate positivity amongst the learner that include the development of humanistic, ethical, Constitutional, and universal human values of truth (satya), righteous conduct (dharma), peace (shanti), love (prem), nonviolence (ahimsa), scientific temper, citizenship values, and also life-skills etc.

Institute focuses on all round development of the students. Equal attention is given to various co curricular activities to make them socially responsible citizens. The issues like environment pollution, professional ethics are included into the syllabus designed by the university. These issues are also covered in various co curricular activities that are organized by the institute throughout the year.

Gender issues

Various programs are organized through NSS to create awareness about save girl child and legal rights of woman. Themes on these issues are included in annual social events.

Environment and sustainability:-

Institute believes that young minds should be sensitized about environment problems and concerns. The debates, quizzes and competitions on the topics related to environments are included in the various social and technical events organized by the institute. The lectures on newer eco friendly techniques are organized frequently by experts.

Human values and professional ethics

Students get the chance to learn Human values and professional ethics through celebration of Birth anniversaries of great personalities, organization of blood donation camps cleanliness awareness campaign are organized under NSS activities. Students learn professional ethics through participation in various non curricular activities, through field projects, industrial visits etc, organized throughout the year.

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

Institute ensures appropriate integration of Indian knowledge system by following the CBCS scheme set up by Parent University. we insist students to under go MooCs courses on Values and ethic to instill ethical and moral values in the students.

The use of regional languages like marathi and Hindi for communication between faculty members and technical assistants and students from those communities is a fantastic way to ensure effective communication and understanding. This helps in creating an inclusive environment and making education accessible to students

who may not be fluent in English.

The provision of various committee activities that contribute to sensitizing students to cross-cutting issues like Gender, Environmental Sustainability, Human Values, and Professional Ethics is also a great initiative. It helps in developing creative and divergent competencies in the students and making them aware of the real-world problems.

The inclusion of subjects like Professional Ethics, Social Science, Environmental Studies etc. in the curriculum is a fantastic way to inculcate a sense of national integration, culture, and civic sense among the student community. It helps in making students aware of their responsibilities towards the environment, society, and the nation.

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

The adoption of a variety of approaches in teaching and learning processes like lectures, seminars, tutorials/workshop/practical and project-based learning, fieldwork, technology-enabled learning, internships, and apprenticeships, and research work is commendable. It helps in providing students with a well-rounded learning experience and preparing them for the real-world challenges.

stress is given to train First/Second/Third/ Final -year students of all branches for enhancement of professional skills in emerging areas of technologies through seminars and guest lectures. It helps students to acquire skills that are relevant to the industry and prepares them to take on professional assignments after graduation.

Course Outcomes (COs) are aligned with the Program Outcome / Program Specific Outcome / Program Education Objective (PO-PSO-PEO) philosophy and outcome evaluation is conducted course-wise as well as at the program level. It helps in ensuring that the students are achieving the desired outcomes and are prepared for their professional careers.

20.Distance education/online education:

During Covid pandemic, institute arranged to conduct online classes effectively. It's commendable that the faculty members were able to provide e-contents for all subjects in all semesters and that both faculties and students were able to experience the online teaching and evaluation process through different software.

The institute's efforts to make available all e-content materials prepared by faculty members to all students through online mode to meet future challenges is also a great initiative. It helps in ensuring that students have access to quality educational resources, irrespective of their physical location.

The conduct of whole semester examinations digitally by the parent University till the end of the 2021-22 academic year is also a positive step towards ensuring continuity in education during the pandemic. The institution is well prepared in this regard and is able to adapt to the changing circumstances.

The provision of hybrid mode (online/offline) for graduate and post graduate students to pursue their regular classes is also admirable. It helps in ensuring that students have the flexibility to choose the mode of learning that best suits their needs.

Extended Profile**1.Programme**

1.1 8

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

File Description	Documents
Data Template	View File

2.Student

2.1 107

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 167

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

File Description	Documents
Data Template	View File

2.3 245

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 103

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 98

Number of sanctioned posts during the year

Extended Profile	
1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	8
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	107
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	167
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	245
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	103
File Description	Documents
Data Template	View File

3.2	98
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	39
Total number of Classrooms and Seminar halls	
4.2	27261799
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	330
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Institute is affiliated to Sant Gadge Baba Amravati University (SGBAU), Amravati, it acclimatizes the syllabus prescribed by the university. Institute strictly follows academic calendar prepared by Dean academics in line with the academic calendar of SGBAU. The internal and external evaluation of students for theory and practical is as per the guidelines given by SGBAU. At the institute level, time table is prepared and displaced at the department level well before the commencement of classes. Faculty prepares a teaching plan and laboratory manual. Institute promotes the use of ICT. The students are given academic diaries which consists of Time table, syllabus, course outcomes, teaching plan, list of experiments, teaching days etc, Before the commencement of unit test one and two, the HOD takes the review of syllabus completion so as to conduct the test in time schedule. The practicals are performed and checked regularly. The course progress report is sought by HOD to ensure its completion. The HOD submits the syllabus completion report to Dean Academics along with the action

plan to complete the remaining syllabus if any. The remedial classes and improvement tests are conducted for some subjects as per the need. during this year due to pandemic all academic activities were carried out online mode.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://aecc.ac.in/anuradha/calender/calender20-21.pdf

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

Academic calendar is prepared, and circulated among the concerned. The time table of theory, practicals, unit tests, remedial classes, improvement test etc, as mentioned in academic calendar are displayed at department level as well as online on social mediawell in advance. Activities like guest lectures, workshops are planned in such a way that they will not hamper the regularity of classes. Assignment is given after the completion of each unit. HOD takes the review of the completion of the syllabus before the conduction of the first and second unit test. The result of unit test is displayed within the three days after completion tests. Result of tests is discussed with the students. The status of the above procedure is checked by HOD. The internal evaluation of students is based on the test performance and the attendance as per the norms laid down by SGBAU. All these activities related to internal evaluations are strictly followed as per the Schedule /deadlines mentioned in academic calendar. Due to covid restriction all these academic activities for whole session 2020-21 were carried out online.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://aecc.ac.in/anuradha/calender/calender20-21.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating A. All of the above

University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

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

1.2 - Academic Flexibility

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

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

8

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

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

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

0

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

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

0

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

1.3 - Curriculum Enrichment

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

Institute focuses on all round development of the students. Equal attention is given to various co curricular activities to make them socially responsible citizens. The issues like environment pollution, professional ethics are included into the syllabus designed by the university. These issues are also covered in various co curricular activities that are organized by the institute throughout the year.

Gender issues

Various programs are organized through NSS to create awareness about save girl child and legal rights of woman. Themes on these issues are included in annual social events.

Environment and sustainability:-

Institute believes that young minds should be sensitized about environment problems and concerns. The debates, quizzes and competitions on the topics related to environments are included in the various social and technical events organized by the institute. The lectures on newer eco friendly techniques are

organized frequently by experts.

Human values and professional ethics

Students get the chance to learn Human values and professional ethics through celebration of Birth anniversaries of great personalities, organization of blood donation camps cleanliness awareness campaign are organized under NSS activities. Students learn professional ethics through participation in various non curricular activities, through field projects, industrial visits etc, organized throughout the year.

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

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

8

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

243

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

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
Students
Teachers
Employers
Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://www.aecc.ac.in/anuradha/IQAC/activities20.php
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	View File

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

B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.aecc.ac.in/anuradha/IQAC/activities20.php

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

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

126

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

Based on academic performance students are identified as advanced and slow learners. For slow learners remedial classes are conducted, they are further given a chance to appear for improvement test. Special attention is given towards them during tutorial classes also during the practical conduction. For advanced learners projects are allotted or the choice is given to them to select the project work based on recent technology or on the topic of their interest so that they can utilize their advanced learning ability.

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

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

Number of Students	Number of Teachers
815	103

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Problem solving methodologies:

Tutorial classes are organized for the subjects having mathematical base, as per university teaching schemes min 2 hr /week are assigned for tutorial. Teacher provides problems to the students and pay individual attention to students thereby enhancing the problem solving ability of students.

Experimental learning:

Most of the part of experimental learning is covered through mini project, major project, industrial training & industry visit. It helps the students to acquire the deep knowledge through active exploration of real world challenge and problems. Students are given full freedom to choose the topic for the projects based on their interest and skill. Also, the students can take industrial training in particular field according to their area of interest.

Participative learning:

Participative learning is implemented in the institute through following means:

Group discussion, Quizzes

Mini Projects and major projects

Seminars

Industry visits/ Industrial trainings

Laboratory experimental work.

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

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

The institute has updated ICT infrastructure for students. Teaching learning g process is enhanced with the effective usage of ICT . All classrooms of institute are ICT enabled. Each classroom is equipped with multimedia teaching aids , like LCD projector, computer with wired internet connections and sound system. Teachingmodules of various subjects have been developed by faculty of this institute are available for the students. All campus is Wi Fi enabled,students can also access to teaching modules developed by NPTEL. Moocs , Swayam etc, via Wi Fi connection.

It is only due to the use of ICT , institute is able to conduct the academic activities in online mode in current pandemic. Online classes are conducted with using the various online teaching tools like google classroom, google meet, zoom. Teachmint etc.

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

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

2.3.3.1 - Number of mentors

103

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

2.4 - Teacher Profile and Quality

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

98

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

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

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

10

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

727

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

2.5 - Evaluation Process and Reforms

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

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

Institute follows an internal evaluation procedure as per the norms of SantGadge Baba Amravati University. One of the major components of internal assessment is unit tests. Two tests are conducted during each semester to evaluate the subject knowledge of the students. The internal assessment of students is based on these unit tests and the attendance of students during the semester. Apart from unit tests, student's performance is also evaluated on basis of assignments, quizzes, discussions in class, and oral exams.

. There is a continuous internal evaluation of the laboratory work of students during the semester. Laboratory work performance is evaluated by the teacher. The performance of students is graded in terms of knowledge acquired, understanding developed, abilities, and skills gained in each practical class. Internal marks are awarded on basis of grading in all practical classes.

Evaluation of seminar and project works is based on the student performance on the work assigned by the guide. A progress report is sought periodically from the students and its progress is evaluated by a committee constituted at the department level. Regular evaluation of project and seminar is based on structure and volume of work, depth of knowledge, creativity, literature research, documentation, etc. Due to covid pandemic all activities were conducted online.

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

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

The college conducts two unit test and one improvement test in each semester. The answer paper of unit test is evaluated by the respective subject teacher. These evaluated answer paper then discussed in the class immediately after the unit test by respective subject teacher with proper explanation what is the question and what was the probable, required answer of particular question.

Evaluated answer sheets are shown to students, and students are asked for any discrepancy/ grievance in evaluation. In case of discrepancy it is rectified immediately with proper explanation. Marks are displayed within three days of completion of examination. The above practice is followed for all unit test and improvement test.

If the student is still not satisfied with their marks, then he can report his problem to the examination related grievances cell of the department. This cell is headed by the head of the department which includes unit test in charge of the department and teacher guardian of the student as a member. No grievance is received during this academic year.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

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

AECC is affiliated to SGBAU Amravati. Course outcome of every subject of all programs is mentioned in the syllabus. The teacher as well as the students are aware with the CO of every subject. Program outcome is available on the institute website, at the same time it is displayed in every department at prominent places.

Institute apprises about POs, PSOs, and COs, and other academic details to the fresh batch of students of respective academic programs. Each Course Outcome is mapped to Program Outcomes in terms of relevance.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://aecc.ac.in/anuradha/IOAC/download/1.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Method of measuring the attainment of COs and level of attainment of COs at the institute are as follows:

Respective teacher defines the target attainment level for subsequent semester / year.

1. Select a Course to find it's attainment by Students performance through University Examinations results.

2. Find out number of students appeared for University Examinations

3. Find Average Marks of all the students appeared in that subject.

a. If Appeared Students = X and

b. Total Marks Scored by all students = Y then,

c Average Marks = Y/X

4. Course Outcome attainment through University Examinations is determined using following

guidelines given in NBA manual (June 2015) Department uses the convention as below:

a. Attainment level 1 : If the 60% of students scoring more than average percentage of marks.

b. Attainment level 2 : If the 70% of students scoring more than average percentage of marks.

c. Attainment level 3 : If the 80% of students scoring more than average percentage of marks.

The justification is given by the respective subject teachers for setting the attainment level.

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

2.6.3 - Pass percentage of Students during the year

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

248

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

<https://aecc.ac.in/anuradha/IOAC/formats.php>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research

projects / endowments in the institution during the year (INR in Lakhs)

00

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

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

2

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

0

File Description	Documents
List of research projects and funding details (Data Template)	No File Uploaded
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem**3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and**

transfer of knowledge

Anuradha Engineering College has R & D Cell for promoting faculty for exploring talent and bridging the gap of knowledge. With the help from company who have signed the MOU, the staff members are acquainted with the current trends and various innovative ideas to be implemented for research .

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

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

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

0

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

3.3 - Research Publications and Awards

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

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

10

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

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

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

18

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

0

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

3.4 - Extension Activities

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

AECC pays equal attention on the character building of students. Institute organizes several events in the campus and nearby region and is actively involved in various projects and activities.

Regular talks and seminars are conducted throughout the year of renowned personality, inviting people in the field of social issues and community services from Governmental and non-Governmental organizations. The following are our regular major events and projects:

Distribution of sanitizer to needy and poor peoples of society during pandemic.

Distribution of sanitizer dispenser machines

"Swatch Bharat Abhiyaan

cleanliness week in campus and nearby area for the society

various competitions such as poster making, speech and essay writing for the nearby school student for making them aware about importance of cleanliness.

"SwachattaRally", in adopted

"BetibChavBetipDhao", "dowry system", "gender equality", etc.

Social awareness through "Kirtan", "Bharud", road shows, door to door counselling and street plays (pathanaty) at nearby region for community. The other programs like protest and literacy

program on farmer suicide

The health check up camp

Through all these activities students gets a chance to learn and understand social issues and their solutions, which helps in their holistic development.

these are our regular activities, due to covid restriction we could not conduct these activities. However, few activities were carried out in online mode.

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

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

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

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	No File Uploaded
e-copy of the award letters	No File Uploaded

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

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

8

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

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

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

150

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

3.5 - Collaboration

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

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

0

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

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

9

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The basic infrastructure required for teaching-learning is available in all departments and it is in line with the norms of AICTE. It includes class rooms, tutorial rooms, laboratories, seminar hall, departmental library, rest/common rooms and others. All the class rooms are equipped with LCD projector, computer system and audio visual aids. The infrastructural facilities are being added from time to time to keep in pace with the requirements of increased intake. All departments have adequate computing facility both in terms of hardware and software. All the computer systems available are with latest configuration and campus is enabled with WI FI. The CCTV facility is provided at important locations of the building.

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

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

Institute has separate department of physical education and sports, which look after the sports activities. Department has state of art indoor stadium. Following are the sports facilities at indoor stadium:

Badminton: There are three wooden badminton courts size 20 x 44 as per International Standard. Near about 20 to 70 students use these courts at a time.

Table Tennis boards: Six Table Tennis boards are available in indoor stadium 20 to 40 students use these facilities.

Carom: Three Carom Boards available for students in the stadium, 20 to 30 students use these facilities.

Chess: Adequate numbers of chess board are available for students to play Chess in their free time.

badminton tabletennis, gymnasium,yoga etc.

Outdoor sports facilities are also available which includes:

Cricket pitch, Football field, hockey field, kabaddi field,kho-kho field, Volley ball court, basketball court etc

Cultural:

Stage ramp and amphitheatre for various cultural activities.

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

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

38

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

637296

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

The Central Library makes use Digital Library Software "Digi-Softlib Secure" which is an integrated multiuser library management system that supports all in-house operations of the Library. With the help of this software, library is partially automated. The library is automated in the year 2005 with version 5.0.0.0. Since 2012 the software is upgraded with Digital Library software 5.5.0.0. All the books are bar-coded, which helps easy access for lending books, very fast. Similarly smart Identity Card, with bar code, helps the library users to check their library account. Books accessioning in the software helps to check availability, through OPAC (Online Public Access Catalogue)

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

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

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

0

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

0

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

The institution always adheres to update the facility needed to improve the technology among its

environment and the students need to have a better knowledge of the ongoing and booming technology around them. For this, institutes update its IT facility in terms of internet facility to students and staffs. The bottom line here is that paying attention to the various issues impacting system hardware is fundamentally important to ensuring that all the systems works efficiently in the way its required Those applications depend upon this infrastructure in order to keep the students to connect with outside world

In year 2012-13 we have 10Mbps line and it get updated in 2014-15

by 12Mbps and in year 2015-16 due to increase in consumption of data we increase it upto 16Mbps and in 2016-17 we finally upgrade to 20Mbps line. An institute always trying to have more bandwidth plan suitable for students and staff for any work The updating of that connectivity goes from lesser bandwidth to higher bandwidth (Starting from 256Kbps to 20Mbps line). Now (2020-21) the institute has independent bandwidth leased line of about 70 Mbps.. By virtue of which the student are able to have a good WIFI facility onto their devices

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

4.3.2 - Number of Computers

330

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

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

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

4435465

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

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

Maintenance policies and procedures

Maintenance of laboratories

Procedure for Minor repairs

Minor repairs and maintenance is carried out at department level/ concerned authority with the help of lab assistance. If needed, help of technical persons from other departments/ workshop is sought. The bill generated for any expenditure is processed and forwarded through principal/ HoD to account section for final payments.

Major repairs

HoD submits the application to principal. After approval from principal, quotations from outside agency/vendors is sought by store in-charge. Comparative statement is prepared by HoD/ Store in charge Budget is estimated based selected quotation. Its sanction is sought from management/principal. Order is placed, work is carried out. Final bill is processed for payment.

Maintenance of computers

Minor repairs

As per the procedure of minor repair complaint is forwarded to HoD computer & is taken care by HoD computer department

Major repairs

All Major repairs are carried out through HoD computer as per procedure established.

Maintenance of classrooms

Repair of classroom furniture is carried out by workshop department on oral / written request from HoD. Maintenance of ICT/ smart class equipment, like LCD projector, speakers etc is undertaken by EXTC department.

Civil maintenance

Civil maintenance is headed by civil engineer (maintenance) the complaints for maintainance received from different departments are handled as per the procedure of minor and major repair.

Electrical maintenance

Electrical maintenance work is taken care by HoDelectrical engineering deptt.

Maintenance of library

Book jacketing, repair, rebinding of damaged books are carried out by library staffs appointed for said purpose. Paste control is made frequently to keep insects, termites away from the books.

Fire extinguishers are inspected frequently to ensure protection from fire.

Maintenance of sport facilities

Indoor stadium is jet washed and vacuum cleaned frequently to remove dust. The playgrounds are kept cleaned by sweepers and external agency appointed for campus cleaning. Sport pitches are cleaned and rejuvenated regularly.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://aecc.ac.in/anuradha/IQAC/download/policy%20and%20procedure%20for%20%20maintenace.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

726

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

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

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

64

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

419

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

419

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	No File Uploaded
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

67

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

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

5.2.2.1 - Number of outgoing student progression to higher education

3

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

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

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

3

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

5.3 - Student Participation and Activities

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

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

0

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

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

The institute always encourages the students to play leading role in various curricular and extracurricular activities. Considering the significant role of students in all these activities, students

are selected as members of various committees constituted for organizing the various activities and programs. The involvement of students in these committees creates better understanding between the administration and the students and also engages them in learning the leadership qualities and administration procedures. The institute also has a students' council constituted as per the Maharashtra university act, 2016. Student's council is formed in every year after the notification from the university. Members of student's council are selected as per guidelines set by university. Also there is student representation in committees like anti ragging committee, Vishakha committee. All technical , cultural and social festivals are organized by students themselves by constituting the committees for various events . Due to pandemic during whole academic year all academic activities were carried out in online mode.

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

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

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

0

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

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development

of the institution through financial and/or other support services

The Institution has formed an Alumni Association in 2006 and registered under Charity Commissioner of Buldana with the name "Anuradha Engineering Mahavidyalay Maji Viidyarthi Association, Chikhli". The registration number of the association is MAH/383/2006. This association is well supervised by a Professor In Charge along with respective departmental coordinators. The association organizes meetings and has regular formal and informal interactions. The association helps refresh the memories of the Institute, and form a network of Alumni. All students passing out of AEC are members of the Alumni association. The association has eleven members on its registered body. Alumni meet ANUBANDHA event is being organized to come together and share the ideas of alumni. Alumni have provided some good suggestions and constructive criticism during alumni meet.

An International Alumni Meet Anubandha 2021 was organized on online mode on 04/04/2021.

Some alumni guided the students on various days during the academic year 2020-21, whose details are as follows:

Name

Webinar Topic

Date

Dr. Chandrakant Bothe

Introduction to AI

16-04-2021

Mr. Akshay Rudraksha

Cross Platform Development with Flutter

26-04-2021

Mr. Ajay Sharma

Product Life cycle

30-04-2021

Mr. Umesh Hade

Introduction to VLSI

23-05-2021

Mr. Pravin K. Padghan

Recent trends in Food Technology

30-05-2021

Mr. Mangesh Pimprikar

Latest Trends in Web Development

13-06-2021

Mr. Sanket Mahajan

Software Testing & Latest Trends

14-06-2021

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

5.4.2 - Alumni contribution during the year (INR in Lakhs) E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision of the Institute:

To make AEC the best in terms of excellence in education, research, service to the industry and society

Mission of the Institute:

To provide a globally competent quality technical education through student-centric teaching learning process.

To promote research, creativity, innovation and industry oriented entrepreneurial activities.

To develop in the students a sense of moral duties and responsibilities toward society through various social activities.

The PRMSS's management committee members, members of the governing body and local managing committee, includes Principal, Deans, Heads of Departments and staff representative, They are actively involved in ensuring organization's development, and implementation of decisions and continuous improvement in order to achieve the institute vision, mission and continuous improvement in the teaching-learning process of the institute. The faculty members are at the key position of the organizational hierarchy and are main members of the academic process. The implementation of the plans and policies are done at this level. The needs and other day-to-day matters are handled by the principal. A much clearer policy making mechanism is seen at this level. Any further requirements needing higher level of inputs and directions are dealt at the management level, in consultation with the principal and faculty members.

File Description	Documents
Paste link for additional information	https://www.aecc.ac.in/anuradha/IQAC/download/2.pdf
Upload any additional information	No File Uploaded

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

The role of management is participative with collective decision

making involving Principal, Deans, HoDs, Examination coordinators, Registrar etc.

In case of training & placement, every department is has departmental T&P staff coordinators and their respective student coordinators to get the job done in a systematic and scheduled manner, he is responsible for the complete data of the students of first to final year in a specific T&P format. Decentralizing the cell unites and strengthens the bond among the departments.it also helps in concentrating on specific departmental issues and/or subjects to priority as suggested by the departmental coordinators. Technical training and companies to be called for the campus interview are meticulously discussed, finalized and brought to success only by decentralizing the cell. The placement activity is primarily managed by the placement committee headed by the T&P cell with the help of the management and other committee members which includes faculties and students from various departments.

The Institute has developed a well-defined decentralized system in tune with university guidelines for conducting the Internal Assessments. The end semester examination (external assessment) is conducted bu university, leaving no scope for decentrilization for faculty.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institute strategic plan includes wider exposure to students to latest trends in technologies so the student can be groomed well.

Due to current pandemic , most of the professionals in field of engineering have ample of time, as work from home has been implemented in various organization across the world. Also due to online classes students are available 24 hours Institute decided to grab this opportunity by arranging the online guest lecturers of the experts/ alumni working abroad , Hence, to get the students acquainted with latest technological trends and practices that are

being implemented globally. Plan was chalk out in IQAC meeting held on 15/11/2020. Several webinars and guest lecture of various notable experts/ professionals were arranged and carried out in online mode. Some of these are as follows.

Webinar software testing, Latest trends in web development, Guest lecture, recent trends in food technology and many more.

for the benefit of society during the second wave of covid, institute distributed sanitizer, sanitizer dispensing machine to various organization. Also, institute assisted in arranging the oxygen cylinders and contributed in setting up of oxygen generation plant for the hospitals in near by region.

tree plantation is carried out in phases.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	View File

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

Organogram of institute is given below .

Organogram has been found very effective and efficient. Number of employees , and their cadre is as per AICTE norms (Statutory body to control the institute)

All the policies framed and the s procedures set up for various activities are effectively implemented.

File Description	Documents
Paste link for additional information	https://aecc.ac.in/anuradha/IQAC/download/3.pdf
Link to Organogram of the institution webpage	Nil
Upload any additional information	View File

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Considering employees as most valuable assets following facilities are offered by institute:

Staff quarters

Institute offers rent-free and maintenance free accommodation for teaching and non teaching staff in the campus with modern amenities.

Transport facilities

Institute is providing pickup and drop facilities to their students and staff free of cost.

Financial assistant in emergent medical situations to the employee

and their immediate family members to bear the expenses arising from sudden hospitalization or unplanned surgery.

Discount in tuition fees

Institute offers the discount in tuition fees to the wards of the employees of this institute.

Recreation facilities

Institute cares about physical and mental health of the employee thus always promote the healthy work environment. Staffs are allowed to spend last working hours in playground / indoor stadium/gym for various recreation activities.

Flexible working time to some extent for female employees based on their personal needs.

Celebration of major festivals along with family members.

Co operative food and grocery store run by society in the campus. Employees can purchase grocery and daily essential items at any time on credit without interest and other charges of credits. This facility helps employees in saving time and trouble of carrying the cash. All these measures boost up the moral and motivation of the employees thereby increasing the efficiency of employees.

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

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

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

00

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	No File Uploaded

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

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

0

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

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

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

11

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

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

Self-appraisal: The faculty submits PBAS form at the end of every academic year.

Student feedback on teaching: Every semester the students give feedback about their courseteachers.

Staff Appraisal by the Head of the Department: At the end of every academic year, report of the contributions of the staff members in college activities and their performance is reported by the Head of the Department.

Performance appraisal system designed for institute for teaching staff consists of the following components/ procedures:

1. Self-appraisal: The faculty submits PBAS form at the end of every academic year.
2. Student feedback on teaching
3. Staff Appraisal by the Head of the Department:

The Performance Based Appraisal Scheme (PBAS) report and the student feedback are analyzed by the HoD. Based on the student feedback, the HoD gives suggestions for improvement in teaching, if required.

Staff Appraisal by the Head of the Department is reviewed by the Director and HRD committee.

Staff members' performance is discussed and opportunities are created to improve the same.

.Performance appraisal system designed for institute for non teaching staff consists of the following components/ procedures:

1. Self-appraisal:
2. Faculty feedback on performance of non teaching staff:
3. Staff Appraisal by the Head of the Department: On basis of these two report and HODs own views , HOD prepares the staff appraisal report of each non teaching staff.

Staff Appraisal by the Head of the Department is reviewed by the Director and HRD committee.

Staff members' performance is discussed and opportunities are created to improve the same.

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

6.4 - Financial Management and Resource Mobilization

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

Planning and Budgetary Control are effectively monitored in the institution. Institute prepares the budget in accordance with the budget required by the departments. Budget is presented before the LMC and approved. LMC acts as the recommendatory body for development proposals, approving body for recurring and non-recurring expenditure. Regular External final audit at the end of financial year is done by external agency . Audit report is submitted to charity commissioner office of the district, income tax office and other authorities, from time to time.

Internal Financial Audit:

Internal financial audit is the continuous process and is quarterly done by Accounts department of the Institute. The Accounting software, 'Tally' and ERP Software are used to manage the entries of day to day transactions.

External Financial Audit:

Financial audits are conducted by the nominated chartered accountant at the end of every financial year. It ensures total compliance with statutory requirements and obligations.

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

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

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

0

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

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

Management committee and trustee of college are regularly conducting meetings for mobilization and optimal utilization of funds. This received amount utilized towards the students benefits, staff salary and other planning and development facilities of the institute. The expenditure audit is carried out annually from the chartered accountant. Carrying out a financial resource mobilization strategy includes the following steps: identifying potential sources of funds, actively soliciting pledges, following up on pledges to obtain funds, depositing these funds, and recording the transactions and any restrictions on their use. The process is generally governed by legal agreements at various stages.

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

6.5 - Internal Quality Assurance System

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

1) In session 2020-21 due to covid pandemic, all academic activities were carried out online. Students were having ample free time as all extracurricular activities were halted. At the same time, most of the online learning platforms were offering free access to their services. To grab this opportunity students were asked to register the any one or two free courses of their choice and get its completion certificate. This novel idea was mooted in IQAC meeting. This helped the students to build expertise and develop additional skills and abilities in the area of their choice.

2) In session 2020-21 due to covid pandemic, all academic activities were carried out online. Students were having ample free time as all extracurricular activities were halted. At the same time due to evolving of work from home culture everywhere, numerous experts from various fields were available to interact online with the students. So for the students, guest lecturers of experts from various fields were arranged robustly. Thus making the students' learning more interesting and helping the students to develop multiple skills.

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

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

Institute has adopted the smart class learning system. All classrooms are equipped which the infrastructure required for a smart learning system. Also, due to covid pandemic, the compulsion

in online education made developing the teaching content more efficient. The structure of the teaching-learning process was reviewed. Numerous teaching modules were modified and new modules were developed by staff to make online teaching more effective. Also, the modules for online practicals (virtual practicals) were developed and delivered effectively. This helped in keeping the experimental learning on track during the covid pandemic.

All boards in classrooms were replaced by newer smart (interactive boards). This made a quick, seamless interaction with students and made the streaming of lectures more secure and speedy.

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

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

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Institute always promotes gender equality. Both male and female students are treated equally and have equal access to all resources. Various measures are undertaken by the institute to feel the female student and employee convenient. Institute has a provision of girl's common room where girls students can sit, rest, go for recreation, they can have an informal discussion with fellow students. Separate isolated cabins are provided for female staff.

Separate sanitation facilities are provided for female students at various locations of the institute building.

For the prevention of sexual harassment, there is vishaka committee. The contact number of members of the committee are displayed in the girl's common room. Institute is provided with CCTV security systems at various locations in the campus for continuous surveillance.

Due to covid pandemic, all activities related to gender equity and sensitization were carried out online. Lectures were conducted for female students against sexual harassment and their rights. Online counseling was provided by female staff and female medical consultants for the female students.

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Nil

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

D. Any 1 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

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

Waste Management

Solid Waste Management (SWM):

Solid waste is collected in dustbins at various locations in the campus. Dustbins are emptied periodically. Food waste and other biodegradable organic waste like paper, woods are dumped into compost pit. Manure generated is used in the garden.

Liquid Waste Management (LWM)

The college's liquid waste includes Waste water from the drinking water area is drained toward the garden. 2. Liquid waste from the laboratories of Chemistry and Chem. Engg contains mostly non-hazardous chemicals at concentrations well below the permissible limits. This low concentration is maintained by performing the experiment at reduced concentrations. 3. Urinal outlets are drained toward compost pits.

Biomedical waste management:

No biomedical waste gets produced in the institute.

E-Waste management (EWM)

The college E-Waste includes Scrap PC, damaged wirings, scrap ICs, batteries etc. E-waste is collected from all departments once a year. Their final testing is done, the damaged components are replaced and the systems are tried to repair. If they are beyond repair then its usable components are reused where ever necessary. This method has reduced our e-waste. The e-waste which is beyond repair is sent for recycling.

Waste recycling system:

Solid waste is segregated. Plastic waste and other recyclable waste are sold for recycling.

Hazardous chemicals and radioactive waste management:

No radioactive material is used in the institute. Very less amount of waste containing hazardous chemicals is produced it is dumped in a separate pits.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus D. Any 1 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: A. Any 4 or All of the above

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

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

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

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

B. Any 3 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

D. Any 1 of the above

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

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e.,

tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The institute aims to provide quality education in engineering to all strata of society.

On the socio-economic front, scholarship is provided to socially and economically backward students through various government and non-government agency . In year 2020-21 scholarship amounting around Rs 1,18,96,213.00 was provided to various students of the institute.

National festivals are celebrated to spread the message of harmony among the students.

On the cultural front, the various cultural activities are organized in the Institute, events like tradition day, related to various traditions occurring across the all over India is celebrated. Acquainting the students with cultural diversity in India. Thus emphasizing on unity in diversity.

Hindi day, and Mother tongue day are celebrated for inclusiveness on the linguistic front.

Student uniform which is made compulsory, identifies equally to all students. Also, students feel themselves equal in all these aspects.

Due to restrictions in covid , some of the activities were organized online.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	No File Uploaded

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

Induction programme for 1 st year students is carried at the beginning of session. Topics like students constitutional obligation , their rights, duties are included in the programme.

Students are allowed to participate in various charity activities organized by parent organization PRMSS, making them aware about social responsibilities, social ethics and human values. Various activities like Swacchata abhiyan, prohibition of liquor, save water, tree plantations are carried out through NSS, making them a responsible citizens of India. National Days, constitution days are enthusiastically celebrated.

Most of the programs are coordinated by the student, hence, they get the opportunity to learn the professional ethics.

The activities that carried out online during pandemic like voluntary services of staff and students in arranging the oxygen, to set up oxygen plant, providing the service of staff in the maintenance of oxygen plant in the covid hospital setup by parent organization of the institute.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	Nil
Any other relevant information	Nil

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

4. Annual awareness programmes on Code of Conduct are organized

B. Any 3 of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

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

Following, national and international commemorative days, events and festivals, were organized during 2020-21 independence day, Gandhi Jayanti Republic day, yoga day, Dr Babasaheb Ambedkar Jayanti these days were celebrated with all norms laid by Government in context with current pandemic.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Best practice 1

Title of practice: Meet of alumni working abroad (International alumni meet).

The objective of practice:- To interact students and staff with eminent alumni working abroad, getting the staff and students exposure to current trends and practices in various countries.

The context: students should be acquainted with the latest trend

and practices that are being implemented in the industry.

Practice:- The alumni meet is conducted every year for the purpose stated above. This time, on an international alumni meet was organized online due to covid restrictions, around 200 alumni participated in the meet. Evidence of success:- Students acquired knowledge and got inspiration, which resulted in improved placements.

The problem encountered and resources required:- The main constraint observed in organizing the alumni meet for international alumni was their inability to come together online due to different time zones. The meet was organized with existing resources.

Best practice 2

Title of practice: To arrange a large number of guest lectures/talks of eminent professionals.

The objective of practice:- To interact students and staff with eminent professionals working in a reputed organization.

The context: Current pandemic posed restrictions in practical learning. To overcome this it was decided to arrange guest lectures, expert talks, professionals, robustly.

This helping the students to get exposure to the real world, getting more knowledge, hence achieving more professional development.

Practice:- During the session minimum two guest lectures/expert talks every week were arranged.

Evidence of success :- Students acquired knowledge, got inspiration, getting more confidence which resulted in improved placements.

The problem encountered and resources required

Resources/existing resources

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

One of the missions of the institute is 'To develop in the students a sense of moral duties and responsibilities toward society through various social activities.

Anuradhaengineeringcollege is run by a social organization, (PRMSS). Apart from education institutes, the organization PRMSS undertakes various socialactivities under the banner AnuradhaMission. Studentsandstaff from this institute participate voluntarily in these activities and offer their services. Hence, students get a sense of socialresponsibility.

In session 20-21, all academic activitieswereconductedonline. India was confronting with a severe second wave of the covid pandemic. The Covid care center was set up in campus. This region was facing a scarcity of oxygen. To cater to the need for oxygen, this institute along with various local organizations contributed together to set up of oxygenplant. The staff and students of the institute offered their services in the erection and commissioning of the oxygen plant and also ensured its smooth operations for the continuousproduction of oxygen with its maximum capacity. The cylinderswhich werelying unused in varioushospitals due to minordamage were repaired at the institute and weremade usable. Such remarkable performance of the institute during the covidpandemic distinctive to inculcating social values in students makes AEC the most recognizable institute in its region.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Institute is affiliated to Sant Gadge Baba Amravati University (SGBAU), Amravati, it acclimatizes the syllabus prescribed by the university. Institute strictly follows academic calendar prepared by Dean academics in line with the academic calendar of SGBAU. The internal and external evaluation of students for theory and practical is as per the guidelines given by SGBAU. At the institute level, time table is prepared and displayed at the department level well before the commencement of classes. Faculty prepares a teaching plan and laboratory manual. Institute promotes the use of ICT. The students are given academic diaries which consists of Time table, syllabus, course outcomes, teaching plan, list of experiments, teaching days etc, Before the commencement of unit test one and two, the HOD takes the review of syllabus completion so as to conduct the test in time schedule. The practicals are performed and checked regularly. The course progress report is sought by HOD to ensure its completion. The HOD submits the syllabus completion report to Dean Academics along with the action plan to complete the remaining syllabus if any. The remedial classes and improvement tests are conducted for some subjects as per the need. during this year due to pandemic all academic activities were carried out online mode.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://aecc.ac.in/anuradha/calender/calender20-21.pdf

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

Academic calendar is prepared, and circulated among the concerned. The time table of theory, practicals, unit tests, remedial classes, improvement test etc, as mentioned in academic calendar are displayed at department level as well as

online on social mediawell in advance. Activities like guest lectures, workshops are planned in such a way that they will not hamper the regularity of classes. Assignment is given after the completion of each unit. HOD takes the review of the completion of the syllabus before the conduction of the first and second unit test. The result of unit test is displayed within the three days after completion tests. Result of tests is discussed with the students. The status of the above procedure is checked by HOD. The internal evaluation of students is based on the test performance and the attendance as per the norms laid down by SGBAU. All these activities related to internal evaluations are strictly followed as per the Schedule /deadlines mentioned in academic calendar. Due to covid restriction all these academic activities for whole session 2020-21 were carried out online.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://aecc.ac.in/anuradha/calendar/calendar20-21.pdf

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

A. All of the above

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

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented**1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented**

8

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

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

0

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

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

0

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

1.3 - Curriculum Enrichment

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

Institute focuses on all round development of the students. Equal attention is given to various co curricular activities to make them socially responsible citizens. The issues like environment pollution, professional ethics are included into the syllabus designed by the university. These issues are also covered in various co curricular activities that are organized by the institute throughout the year.

Gender issues

Various programs are organized through NSS to create awareness about save girl child and legal rights of woman. Themes on these issues are included in annual social events.

Environment and sustainability:-

Institute believes that young minds should be sensitized about environment problems and concerns. The debates, quizzes and competitions on the topics related to environments are included in the various social and technical events organized by the institute. The lectures on newer eco friendly techniques are organized frequently by experts.

Human values and professional ethics

Students get the chance to learn Human values and professional ethics through celebration of Birth anniversaries of great personalities, organization of blood donation camps cleanliness awareness campaign are organized under NSS activities. Students learn professional ethics through participation in various non curricular activities, through field projects, industrial visits etc, organized throughout the year.

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

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

8

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

243

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

1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
Students Teachers Employers Alumni**

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://www.aecc.ac.in/anuradha/IOAC/activities20.php
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	View File

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

B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.aecc.ac.in/anuradha/IOAC/activities20.php

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

102

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

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

126

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

Based on academic performance students are identified as advanced and slow learners. For slow learners remedial classes are conducted, they are further given a chance to appear for improvement test. Special attention is given towards them during tutorial classes also during the practical conduction. For advanced learners projects are allotted or the choice is given to them to select the project work based on recent technology or on the topic of their interest so that they can utilize their advanced learning ability.

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

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

Number of Students	Number of Teachers
815	103

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Problem solving methodologies:

Tutorial classes are organized for the subjects having mathematical base, as per university teaching schemes min 2 hr /week are assigned for tutorial. Teacher provides problems to

the students and pay individual attention to students thereby enhancing the problem solving ability of students.

Experimental learning:

Most of the part of experimental learning is covered through mini project, major project, industrial training & industry visit. It helps the students to acquire the deep knowledge through active exploration of real world challenge and problems. Students are given full freedom to choose the topic for the projects based on their interest and skill. Also, the students can take industrial training in particular field according to their area of interest.

Participative learning:

Participative learning is implemented in the institute through following means:

Group discussion, Quizzes

Mini Projects and major projects

Seminars

Industry visits/ Industrial trainings

Laboratory experimental work.

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

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

The institute has updated ICT infrastructure for students. Teaching learning process is enhanced with the effective usage of ICT. All classrooms of institute are ICT enabled. Each classroom is equipped with multimedia teaching aids, like LCD projector, computer with wired internet connections and sound system. Teaching modules of various subjects have been developed by faculty of this institute are available for the

students. All campus is Wi Fi enabled, students can also access to teaching modules developed by NPTEL. Moocs , Swayam etc, via Wi Fi connection.

It is only due to the use of ICT , institute is able to conduct the academic activities in online mode in current pandemic. Online classes are conducted with using the various online teaching tools like google classroom, google meet, zoom. Teachmint etc.

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

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

2.3.3.1 - Number of mentors

103

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

2.4 - Teacher Profile and Quality

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

98

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

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

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

10

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

727

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

2.5 - Evaluation Process and Reforms

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

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

Institute follows an internal evaluation procedure as per the norms of SantGadge Baba Amravati University. One of the major components of internal assessment is unit tests.Two tests are conducted during each semester to evaluate thesubject knowledge of the students. The internal assessment of students is based on these unit tests and the attendance of students duringthe semester. Apart from unit tests, student's performance is also evaluated onbasis of assignments, quizzes, discussions in class, and oral exams.

. There is a continuousinternal evaluation of the laboratory work of students during the semester.Laboratory work performance is evaluated by the teacher. The performance ofstudents is graded in terms of knowledge acquired, understanding developed, abilities, and skills gained in each practical class. Internal marks areawarded on basis of grading in all practical classes.

Evaluation of seminar andproject works is based on the student performance on the work assigned by theguide. A progress report is sought periodically from the students and itsprogress is evaluated by a committee constituted at the department level.Regular evaluation of project and seminar is based on structure and volume of work, depth of knowledge, creativity, literature research,documentation, etc. Due to covid pandemic all activities were conducted online.

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

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

The college conducts two unit test and one improvement test in each semester. The answer paper of unit test is evaluated by the respectivesubject teacher. These evaluated answer paper then discussed in the class immediately after the unit test byrespective subject teacher with proper explanation what is the question and what was the probable, required answer of particular question.

Evaluated answer sheets are shown to students, and students are asked for any discrepancy/ grievance in evaluation. In case of discrepancy it is rectified immediately with proper explanation. Marks are displayed within three days of completion of examination. The above practice is followed for all unit test and improvement test.

If the student is still not satisfied with their marks, then he can report his problem to the examination related grievances cell of the department. This cell is headed by the head of the department which includes unit test in charge of the department and teacher guardian of the student as a member. No grievance is received during this academic year.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

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

AECC is affiliated to SGBAU Amravati. Course outcome of every subject of all programs is mentioned in the syllabus. The teacher as well as the students are aware with the CO of every subject. Program outcome is available on the institute website, at the same time it is displayed in every department at prominent places. Institute apprises about POs, PSOs, and COs, and other academic details to the fresh batch of students of respective academic programs. Each Course Outcome is mapped to Program Outcomes in terms of relevance.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://aecc.ac.in/anuradha/IQAC/download/1.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Method of measuring the attainment of COs and level of attainment of COs at the institute are as follows:

Respective teacher defines the target attainment level for subsequent semester / year.

1. Select a Course to find it's attainment by Students performance through University Examinations results.

2. Find out number of students appeared for University Examinations

3. Find Average Marks of all the students appeared in that subject.

a. If Appeared Students = X and

b. Total Marks Scored by all students = Y then,

c Average Marks = Y/X

4. Course Outcome attainment through University Examinations is determined using following

guidelines given in NBA manual (June 2015) Department uses the convention as below:

a. Attainment level 1 : If the 60% of students scoring more than average percentage of marks.

b. Attainment level 2 : If the 70% of students scoring more than average percentage of marks.

c. Attainment level 3 : If the 80% of students scoring more than average percentage of marks.

The justification is given by the respective subject teachers for setting the attainment level.

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

2.6.3 - Pass percentage of Students during the year

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

248

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

<https://aecc.ac.in/anuradha/IOAC/formats.php>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

00

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

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

3.1.2.1 - Number of teachers recognized as research guides

2

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

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

0

File Description	Documents
List of research projects and funding details (Data Template)	No File Uploaded
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

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

Anuradha Engineering College has R & D Cell for promoting faculty for exploring talent and bridging the gap of knowledge. With the help from company who have signed the MOU, the staff members are acquainted with the current trends and various innovative ideas to be implemented for research .

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

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

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

0

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

3.3 - Research Publications and Awards

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

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

10

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year**3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year**

18

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year**3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year**

0

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

3.4 - Extension Activities

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

AECC pays equal attention on the character building of students. Institute organizes several events in the campus and nearby region and is actively involved in various projects and activities. Regular talks and seminars are conducted throughout the year of renowned personality, inviting people in the field of social issues and community services from Governmental and non-Governmental organizations. The following are our regular major events and projects:

Distribution of sanitizer to needy and poor peoples of society during pandemic.

Distribution of sanitizer dispenser machines

"Swatch Bharat Abhiyaan

cleanliness week in campus and nearby area for the society

various competitions such as poster making, speech and essay writing for the nearby school student for making them aware about importance of cleanliness.

"SwachattaRally", in adopted

"BetibchavBetipdhao", "dowry system", "gender equality", etc.

Social awareness through "Kirtan", "Bharud", road shows, door to door counselling and street plays (pathanaty) at nearby region for community. The other programs like protest and literacy

program on farmer suicide

The health check up camp

Through all these activities students get a chance to learn and understand social issues and their solutions, which helps in their holistic development.

these are our regular activities, due to covid restriction we could not conduct these activities. However, few activities were carried out in online mode.

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

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

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

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	No File Uploaded
e-copy of the award letters	No File Uploaded

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

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

8

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

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

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

150

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

3.5 - Collaboration**3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year****3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year**

0

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

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

9

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

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities**

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

The basic infrastructure required for teaching-learning is available in all departments and it is in line with the norms of AICTE. It includes class rooms, tutorial rooms, laboratories,

seminar hall, departmental library, rest/common rooms and others. All the class rooms are equipped with LCD projector, computer system and audio visual aids. The infrastructural facilities are being added from time to time to keep in pace with the requirements of increased intake. All departments have adequate computing facility both in terms of hardware and software. All the computer systems available are with latest configuration and campus is enabled with WI FI. The CCTV facility is provided at important locations of the building.

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

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

Institute has separate department of physical education and sports, which look after the sports activities. Department has state of art indoor stadium. Following are the sports facilities at indoor stadium:

Badminton: There are three wooden badminton courts size 20 x 44 as per International Standard. Near about 20 to 70 students use these courts at a time.

Table Tennis boards: Six Table Tennis boards are available in indoor stadium 20 to 40 students use these facilities.

Carom: Three Carom Boards available for students in the stadium, 20 to 30 students use these facilities.

Chess: Adequate numbers of chess board are available for students to play Chess in their free time.

badminton table tennis, gymnasium, yoga etc.

Outdoor sports facilities are also available which includes:

Cricket pitch, Football field, hockey field, kabaddi field, kho-kho field, Volley ball court, basketball court etc

Cultural:

Stage ramp and amphitheatre for various cultural activities.

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

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

38

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

637296

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

The Central Library makes use Digital Library Software "Digi-

Softlib Secure" which is an integrated multiuser library management system that supports all in-house operations of the Library. With the help of this software, library is partially automated. The library is automated in the year 2005 with version 5.0.0.0. Since 2012 the software is upgraded with Digital Library software 5.5.0.0. All the books are bar-coded, which helps easy access for lending books, very fast. Similarly smart Identity Card, with bar code, helps the library users to check their library account. Books accessioning in the software helps to check availability, through OPAC (Online Public Access Catalogue)

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

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

D. Any 1 of the above

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

0

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

0

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

The institution always adheres to update the facility needed to improve the technology among its

environment and the students need to have a better knowledge of the ongoing and booming technology around them. For this, institutes update its IT facility in terms of internet facility to students and staffs. The bottom line here is that paying attention to the various issues impacting system hardware is fundamentally important to ensuring that all the systems works efficiently in the way its required Those applications depend upon this infrastructure in order to keep the students to connect with outside world

In year 2012-13 we have 10Mbps line and it get updated in 2014-15 by 12Mbps and in year 2015-16 due to increase in consumption of data we increase it upto 16Mbps and in 2016-17 we finally upgrade to 20Mbps line. An institute always trying to have more bandwidth plan suitable for students and staff for any work The updating of that connectivity goes from lesser bandwidth to higher bandwidth (Starting from 256Kbps to 20Mbps line). Now (2020-21) the institute has independent bandwidth

leased line of about 70 Mbps.. By virtue of which the student are able to have a good WIFI facility onto their devices

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

4.3.2 - Number of Computers

330

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

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

4435465

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

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

Maintenance policies and procedures

Maintenance of laboratories

Procedure for Minor repairs

Minor repairs and maintenance is carried out at department level/ concerned authority with the help of lab assistance. If needed, help of technical persons from other departments/ workshop is sought. The bill generated for any expenditure is processed and forwarded through principal/ HoD to account section for final payments.

Major repairs

HoD submits the application to principal. After approval from principal, quotations from outside agency/vendors is sought by store in-charge. Comparative statement is prepared by HoD/ Store in charge Budget is estimated based selected quotation. Its sanction is sought from management/principal. Order is placed, work is carried out. Final bill is processed for payment.

Maintenance of computers

Minor repairs

As per the procedure of minor repair complaint is forwarded to HoD computer & is taken care by HoD computer department

Major repairs

All Major repairs are carried out through HoD computer as per procedure established.

Maintenance of classrooms

Repair of classroom furniture is carried out by workshop department on oral / written request from HoD. Maintenance of ICT/ smart class equipment, like LCD projector, speakers etc is undertaken by EXTC department.

Civil maintenance

Civil maintenance is headed by civil engineer (maintenance) the complaints for maintainance received from different departments are handled as per the procedure of minor and major repair.

Electrical maintenance

Electrical maintenance work is taken care by HoDelectrical engineering deptt.

Maintenance of library

Book jacketing, repair, rebinding of damaged books are carried out by library staffs appointed for said purpose. Paste control is made frequently to keep insects, termites away from the books.

Fire extinguishers are inspected frequently to ensure protection from fire.

Maintenance of sport facilities

Indoor stadium is jet washed and vacuum cleaned frequently to remove dust. The playgrounds are kept cleaned by sweepers and external agency appointed for campus cleaning. Sport pitches are cleaned and rejuvenated regularly.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://aecc.ac.in/anuradha/IOAC/download/policy%20and%20procedure%20for%20%20main%20tenance.pdf

STUDENT SUPPORT AND PROGRESSION	
5.1 - Student Support	
5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year	
5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year	
726	
File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File
5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year	
5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year	
64	
File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File
5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and	A. All of the above

hygiene) ICT/computing skills	
File Description	Documents
Link to Institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File
5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
419	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
419	
File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File
5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	No File Uploaded
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

67

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

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

5.2.2.1 - Number of outgoing student progression to higher education

3

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

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

government examinations)

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

3

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

5.3 - Student Participation and Activities

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

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

0

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

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

The institute always encourages the students to play leading role in various curricular and extracurricular activities.

Considering the significant role of students in all these activities, students are selected as members of various committees constituted for organizing the various activities and programs. The involvement of students in these committees creates better understanding between the administration and the students and also engages them in learning the leadership qualities and administration procedures. The institute also has a students' council constituted as per the Maharashtra university act, 2016. Student's council is formed in every year after the notification from the university. Members of student's council are selected as per guidelines set by university. Also there is student representation in committees like anti ragging committee, Vishakha committee. All technical , cultural and social festivals are organized by students themselves by constituting the committees for various events . Due to pandemic during whole academic year all academic activities were carried out in online mode.

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

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

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

0

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

5.4 - Alumni Engagement

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

The Institution has formed an Alumni Association in 2006 and registered under Charity Commissioner of Buldana with the name "Anuradha Engineering Mahavidyalay Maji Viidyarthi Association, Chikhli". The registration number of the association is MAH/383/2006. This association is well supervised by a Professor In Charge along with respective departmental coordinators. The association organizes meetings and has regular formal and informal interactions. The association helps refresh the memories of the Institute, and form a network of Alumni. All students passing out of AEC are members of the Alumni association. The association has eleven members on its registered body. Alumni meet ANUBANDHA event is being organized to come together and share the ideas of alumni. Alumni have provided some good suggestions and constructive criticism during alumni meet.

An International Alumni Meet Anubandha 2021 was organized on on line mode on 04/04/2021.

Some alumni guided the students on various days during the academic year 2020-21, whose details are as follows:

Name

Webinar Topic

Date

Dr. Chandrakant Bothe

Introduction to AI

16-04-2021

Mr. Akshay Rudraksha

Cross Platform Development with Flutter

26-04-2021

Mr. Ajay Sharma

Product Life cycle

30-04-2021

Mr. Umesh Hade

Introduction to VLSI

23-05-2021

Mr. Pravin K. Padghan

Recent trends in Food Technology

30-05-2021

Mr. Mangesh Pimprikar

Latest Trends in Web Development

13-06-2021

Mr. Sanket Mahajan

Software Testing & Latest Trends

14-06-2021

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

5.4.2 - Alumni contribution during the year (INR in Lakhs) E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision of the Institute:

To make AEC the best in terms of excellence in education, research, service to the industry and society

Mission of the Institute:

To provide a globally competent quality technical education through student-centric teaching learning process.

To promote research, creativity, innovation and industry oriented entrepreneurial activities.

To develop in the students a sense of moral duties and responsibilities toward society through various social activities.

The PRMSS's management committee members, members of the governing body and local managing committee, includes Principal, Deans, Heads of Departments and staff representative, They are actively involved in ensuring organization's development, and implementation of decisions and continuous improvement in order to achieve the institute vision, mission and continuous improvement in the teaching-learning process of the institute. The faculty members are at the key position of the organizational hierarchy and are main members of the academic process. The implementation of the plans and policies are done at this level. The needs and other day-to-day matters are handled by the principal. A much clearer policy making mechanism is seen at this level. Any further requirements needing higher level of inputs and directions are dealt at the management level, in consultation with the principal and faculty members.

File Description	Documents
Paste link for additional information	https://www.aecc.ac.in/anuradha/IQAC/download/2.pdf
Upload any additional information	No File Uploaded

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

The role of management is participative with collective decision making involving Principal, Deans, HoDs, Examination coordinators, Registrar etc.

In case of training & placement, every department is has departmental T&P staff coordinators and their respective student coordinators to get the job done in a systematic and scheduled manner, he is responsible for the complete data of the students of first to final year in a specific T&P format. Decentralizing the cell unites and strengthens the bond among the departments.it also helps in concentrating on specific departmental issues and/or subjects to priority as suggested by the departmental coordinators. Technical training and companies to be called for the campus interview are meticulously discussed, finalized and brought to success only by decentralizing the cell. The placement activity is primarily managed by the placement committee headed by the T&P cell with the help of the management and other committee members which includes faculties and students from various departments.

The Institute has developed a well-defined decentralized system in tune with university guidelines for conducting the Internal Assessments. The end semester examination (external assessment) is conducted bu university, leaving no scope for decentrilization for faculty.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institute strategic plan includes wider exposure to students to latest trends in technologies so the student can be groomed well.

Due to current pandemic , most of the professionals in field of engineering have ample of time, as work from home has been implemented in various organization across the world. Also due

to online classes students are available 24 hours Institute decided to grab this opportunity by arranging the online guest lecturers of the experts/ alumni working abroad , Hence, to get the students acquainted with latest technological trends and practices that are being implemented globally. Plan was chalk out in IQAC meeting held on 15/11/2020. Several webinars and guest lecture of various notable experts/ professionals were arranged and carried out in online mode. Some of these are as follows.

Webinar software testing, Latest trends in web development, Guest lecture, recent trends in food technology and many more.

for the benifit of socity during the second wave of covid, institute distributed senitizer, senitizer dispensing machine to various organization. Also, institute assisted in arranging the oxygen cylinders and contributed in setting up of oxygen generation plant for the hospitals in near by region.

tree plantation is carried out in phases.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	View File

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

Organograme of institute is given below .

Organogram has been found very effective and efficient. Number of employees , and their cadre is as per AICTE norms (Statutory body to control the institute)

All the policies framed and the s procedures set up for various activities are effectively implemented.

File Description	Documents
Paste link for additional information	https://aecc.ac.in/anuradha/IOAC/download/3.pdf
Link to Organogram of the institution webpage	Nil
Upload any additional information	View File

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Considering employees as most valuable assets following facilities are offered by institute:

Staff quarters

Institute offers rent-free and maintenance free accommodation for teaching and non teaching staff in the campus with modern amenities.

Transport facilities

Institute is providing pickup and drop facilities to their students and staff free of cost.

Financial assistant in emergent medical situations to the

employee and their immediate family members to bear the expenses arising from sudden hospitalization or unplanned surgery.

Discount in tuition fees

Institute offers the discount in tuition fees to the wards of the employees of this institute.

Recreation facilities

Institute cares about physical and mental health of the employee thus always promote the healthy work environment. Staffs are allowed to spend last working hours in playground /indoor stadium/gym for various recreation activities.

Flexible working time to some extent for female employees based on their personal needs.

Celebration of major festivals along with family members.

Co operative food and grocery store run by society in the campus. Employees can purchase grocery and daily essential items at any time on credit without interest and other charges of credits. This facility helps employees in saving time and trouble of carrying the cash. All these measures boost up the moral and motivation of the employees thereby increasing the efficiency of employees.

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

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

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

00

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	No File Uploaded

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

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

0

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

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

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

11

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

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

Self-appraisal: The faculty submits PBAS form at the end of every academic year.

Student feedback on teaching: Every semester the students give feedback about their courseteachers.

Staff Appraisal by the Head of the Department: At the end of every academic year, report of the contributions of the staff members in college activities and their performance is reported by the Head of the Department.

Performance appraisal system designed for institute for teaching staff consists of the following components/ procedures:

1. Self-appraisal: The faculty submits PBAS form at the end of every academic year.
2. Student feedback on teaching
3. Staff Appraisal by the Head of the Department:

The Performance Based Appraisal Scheme (PBAS) report and the student feedback are analyzed by the HoD. Based on the student feedback, the HoD gives suggestions for improvement in teaching, if required.

Staff Appraisal by the Head of the Department is reviewed by the Director and HRD committee.

Staff members' performance is discussed and opportunities are

created to improve the same.

.Performance appraisal system designed for institute for non teaching staff consists of the following components/ procedures:

1. Self-appraisal:
2. Faculty feedback on performance of non teaching staff:
3. Staff Appraisal by the Head of the Department: On basis of these two report and HODs own views , HOD prepares the staff appraisal report of each non teaching staff.

Staff Appraisal by the Head of the Department is reviewed by the Director and HRD committee.

Staff members' performance is discussed and opportunities are created to improve the same.

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

6.4 - Financial Management and Resource Mobilization

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

Planning and Budgetary Control are effectively monitored in the institution. Institute prepares the budget in accordance with the budget required by the departments. Budget is presented before the LMC and approved. LMC acts as the recommendatory body for development proposals, approving body for recurring and non-recurring expenditure. Regular External final audit at the end of financial year is done by external agency . Audit report is submitted to charity commissioner office of the district, income tax office and other authorities, from time to time.

Internal Financial Audit:

Internal financial audit is the continuous process and is quarterly done by Accounts department of the Institute. The Accounting software, 'Tally' and ERP Software are used to

manage the entries of day to day transactions.

External Financial Audit:

Financial audits are conducted by the nominated chartered accountant at the end of every financial year. It ensures total compliance with statutory requirements and obligations.

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

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

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

0

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

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

Management committee and trustee of college are regularly conducting meetings for mobilization and optimal utilization of funds. This received amount utilized towards the students benefits, staff salary and other planning and development facilities of the institute. The expenditure audit is carried out annually from the chartered accountant. Carrying out a financial resource mobilization strategy includes the following steps: identifying potential sources of funds, actively soliciting pledges, following up on pledges to obtain funds, depositing these funds, and recording the transactions and any restrictions on their use. The process is generally governed by

legal agreements at various stages.

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

6.5 - Internal Quality Assurance System

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

1) In session 2020-21 due to covid pandemic, all academic activities were carried out online. Students were having ample free time as all extracurricular activities were halted. At the same time, most of the online learning platforms were offering free access to their services. To grab this opportunity students were asked to register the any one or two free courses of their choice and get its completion certificate. This novel idea was mooted in IQAC meeting. This helped the students to build expertise and develop additional skills and abilities in the area of their choice.

2) In session 2020-21 due to covid pandemic, all academic activities were carried out online. Students were having ample free time as all extracurricular activities were halted. At the same time due to evolving of work from home culture everywhere, numerous experts from various fields were available to interact online with the students. So for the students, guest lecturers of experts from various fields were arranged robustly. Thus making the students' learning more interesting and helping the students to develop multiple skills.

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

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

Institute has adopted the smart class learning system. All

classrooms are equipped with the infrastructure required for a smart learning system. Also, due to covid pandemic, the compulsion in online education made developing the teaching content more efficient. The structure of the teaching-learning process was reviewed. Numerous teaching modules were modified and new modules were developed by staff to make online teaching more effective. Also, the modules for online practicals (virtual practicals) were developed and delivered effectively. This helped in keeping the experimental learning on track during the covid pandemic.

All boards in classrooms were replaced by newer smart (interactive boards). This made a quick, seamless interaction with students and made the streaming of lectures more secure and speedy.

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

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

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Institute always promotes gender equality. Both male and female students are treated equally and have equal access to all resources. Various measures are undertaken by the institute to feel the female student and employee convenient. Institute has a provision of girl's common room where girls students can sit, rest, go for recreation, they can have an informal discussion with fellow students. Separate isolated cabins are provided for female staff.

Separate sanitation facilities are provided for female students at various locations of the institute building.

For the prevention of sexual harassment, there is vishaka committee. The contact number of members of the committee are displayed in the girl's common room. Institute is provided with CCTV security systems at various locations in the campus for continuous surveillance.

Due to covid pandemic, all activities related to gender equity and sensitization were carried out online. Lectures were conducted for female students against sexual harassment and their rights. Online counseling was provided by female staff and female medical consultants for the female students.

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Nil

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

D. Any 1 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

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

Waste Management

Solid Waste Management (SWM):

Solid waste is collected in dustbins at various locations in the campus. Dustbins are emptied periodically. Food waste and other biodegradable organic waste like paper, woods are dumped into compost pit. Manure generated is used in the garden.

Liquid Waste Management (LWM)

The college's liquid waste includes Waste water from the drinking water area is drained toward the garden. 2. Liquid waste from the laboratories of Chemistry and Chem. Engg contains mostly non-hazardous chemicals at concentrations well below the permissible limits. This low concentration is

maintained by performing the experiment at reduced concentrations. 3. Urinal outlets are drained toward compost pits.

Biomedical waste management:

No biomedical waste gets produced in the institute.

E-Waste management (EWM)

The college E-Waste includes Scrap PC, damaged wirings, scrap ICs, batteries etc. E-waste is collected from all departments once a year. Their final testing is done, the damaged components are replaced and the systems are tried to repair. If they are beyond repair then its usable components are reused where ever necessary. This method has reduced our e-waste. The e-waste which is beyond repair is sent for recycling.

Waste recycling system:

Solid waste is segregated. Plastic waste and other recyclable waste are sold for recycling.

Hazardous chemicals and radioactive waste management:

No radioactive material is used in the institute. Very less amount of waste containing hazardous chemicals is produced it is dumped in a separate pits.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	View File

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

D. Any 1 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

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

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

B. Any 3 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

D. Any 1 of the above

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

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The institute aims to provide quality education in engineering to all strata of society.

On the socio-economic front, scholarship is provided to

socially and economically backward students through various government and non-government agency . In year 2020-21 scholarship amounting around Rs 1,18,96,213.00 was provided to various students of the institute.

National festivals are celebrated to spread the message of harmony

among the students.

On the cultural front, the various cultural activities are organized in the Institute, events like tradition day, related to various traditions occurring across the all over India is celebrated. Acquainting the students with cultural diversity in India. Thus emphasizing on unity in diversity.

Hindi day, and Mother tongue day are celebrated for inclusiveness on the linguistic front.

Student uniform which is made compulsory, identifies equally to all students. Also, students feel themselves equal in all these aspects.

Due to restrictions in covid , some of the activities were organized online.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	No File Uploaded

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

Induction programme for 1 st year students is carried at the beginning of session. Topics like students constitutional obligation , their rights, duties are included in the programme. Students are allowed to participate in various charity activities organized by parent organization PRMSS, making them aware about social responsibilities ,social ethics and human values. Various activities like Swacchata abhiyan, prohibition of liquor, save water, tree plantations are carried out through NSS, making them a responsible citizens of India.

National Days , constitution days are enthusiastically celebrated .

Most of the programs are coordinated by the student ,hence, they get the opportunity to learn the professional ethics.

The activities that carried out online during pandemic like voluntary services of staff and students in arranging the oxygen, to set up oxygen plant, providing the service of staff in the maintenance of oxygen plant in the covid hospital setup by parent organization of the institute.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	Nil
Any other relevant information	Nil

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

B. Any 3 of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

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

Following, national and international commemorative days, events and festivals, were organized during 2020-21 independence day, Gandhi Jayanti Republic day, yoga day, Dr Babasaheb Ambedkar Jayanti these days were celebrated with all norms laid by Government in context with current pandemic.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Best practice1

Title of practice: Meet of alumni working abroad (International alumni meet).

The objective of practice:- To interact students and staff with eminent alumni working abroad, getting the staff and students exposure to current trends and practices in various countries.

The context: students should be acquainted with the latest trend and practices that are being implemented in the industry.

Practice:- The alumni meet is conducted every year for the purpose stated above. This time, on an international alumni meet was organized online due to covid restrictions, around 200 alumni participated in the meet. **Evidence of success:-** Students acquired knowledge and got inspiration, which resulted in improved placements.

The problem encountered and resources required:- The main constraint observed in organizing the alumni meet for international alumni was their inability to come together

online due to different time zones. The meet was organized with existing resources.

Best practice2

Titleofpractice: To arrange a large number of guest lectures/talks of eminent professionals.

Theobjectiveofpractice:- To interact students and staff with eminent professionals working in a reputed organization.

Thecontext: Current pandemic posed restrictions in practical learning. To overcome this it was decided to arrange guest lectures, expert talks, professionals, robustly.

This/helping/thestudents/to get exposure to the real world, getting more knowledge, hence achieving more professional development.

Practice:- During the session minimum/two/guestlectures/expert talks every week were arranged.

Evidenceofsuccess :- Students acquired knowledge, got inspiration, getting more confidence which resulted in improved placements.

The problemencounteredandresources required

Resources/existing resources

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

One of the missions of the institute is 'To develop in the students a sense of moral duties and responsibilities toward society through various social activities.

Anuradhaengineeringcollege is run by a social organization, (PRMSS). Apart from education institutes, the organization PRMSS undertakes various socialactivities under the banner AnuradhaMission. Studentsandstaff from this institute participate voluntarily in these activities and offer their services. Hence, students get a sense of socialresponsibility.

In session 20-21, all academic activitieswereconductedonline. India was confronting with a severe second wave of the covid pandemic. The Covid care center was set up in campus. This region was facing a scarcity of oxygen. To cater to the need for oxygen, this institute along with various local organizations contributed together to set up of oxygenplant. The staff and students of the institute offered their services in the erection and commissioning of the oxygen plant and also ensured its smooth operations for the continuousproduction of oxygen with its maximum capacity. The cylinderswhich werelying unused in varioushospitals due to minordamage were repaired at the institute and weremade usable. Such remarkable performance of the institute during the covidpandemic distinctive to inculcating social values in students makes AEC the most recognizable institute in its region.

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

7.3.2 - Plan of action for the next academic year

- To get accreditation by NAAC (2nd cycle)
- To start the new course (branch)
- To increase the number of placements to 60 %
- GATE forum: To make it more efficient by initiating more robust steps, with a target of at least 10 % of students should get qualified.
- EDC : To make it more efficient by organizing numerous activities to develop the students' entrepreneurship qualities.
- To increase the number of faculty having Ph.D. qualifications.
- Improving the quality of admitting students, through various counseling and career guidance session.
- To get AEC rated by the national board of accreditation (NBA) thereby achieving the quality of education to the

international level.

- Working with various professional bodies to enhance the professional skills and development of students.