Yearly Status Report - 2019-2020

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 own campus	**Yes**
Phone no/Alternate Phone no.	**07264-242063**
Mobile no.	**9860729013**
Registered Email	**annprincipal55@gmail.com**
Alternate Email	**arunnanhai@gmail.com**
Address	**Sakegaon Rd**
City/Town	**Chikhli**
State/UT	**Maharashtra**
Pincode	**443201**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Semi-urban**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**V.D. Gurudasani**
Phone no/Alternate Phone no.	**07264242063**
Mobile no.	**9890724048**
Registered Email	**vijay_gurudasani@yahoo.com**
Alternate Email	**gurudasanivijay@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.aecc.ac.in/anuradha/IQAC/IQAR_report_2018-19.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.aecc.ac.in/anuradha/calender/calender19-20.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**2.12**	**2018**	**26-Sep-2018**	**25-Sep-2023**

6. Date of Establishment of IQAC	**20-Jul-2016**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Faculty induction program	**21-Dec-2019 3**	**45**
National conference on	**16-Feb-2020**	**250**

green technology and science for sustainable development.	1	
Workshop on e learnig	08-Jun-2020 5	100

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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	NA	Nil	2020 00	0

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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**4**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

1) Various social activities during pandemic to strengthen the institute society bond. 2) Workshop on elearning – managing the online classes and creating the econtent. 3) National conference on green technology and science for sustainable development. 4) Faculty induction programme.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes

To conduct alumni meet.	Alumni interacted with students and staff . Had discussion on latest trends and practices in manufacturing and service sector.
To organize various social activity during current pandemic and to ask students to voluntarily participate.	Social values and social ethics inculcated in student to make them responsible citizens of the country.
To give wider media publicity to various activities organized in the institute	Strengthened the bonds with local people, helping in mutual benefit .
To invite local eminent persons from different fields in various events / programs .	Many local eminent persons visited the institute . interacted with students and encouraged the students.
To conduct the online workshop on e learning	Staff learned how to use various online tools for conducting the online classes in current pandemic.
To conduct the National conference on green technology and science for sustainable development.	Students and staff learned green techniques.Developed Ecofriendly approach in innonation among staff and students .
To conduct the faculty induction program	Improvement in social , technical and professional attitude in faculty.
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	15-Jan-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	The institution has a partial management information system. Institute has adopted the concept of paperless office partially, most of notices and information is circulated among students and staff via email and whats app groups. Bulk SMS and whatapp groups are used to quick dissemination of information to the student, staff, and other stack holders.

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

As the Institute is affiliated to Sant Gadge Baba Amravati University (SGBAU), Amravati, it acclimatizes the syllabus prescribed by the university, which is updated by experts of Boards of Studies at the University. For this, the meeting is organized by BOS members to get suggestions from faculties of different colleges affiliated with the university. At the institute level, before the commencement of the session, the dean academics prepares the Academic Calendar for academic, internal assessment, and promotion of universal values. Time table is prepared by the concerned committee and distributed. At the department level for completion of the syllabus beside which every faculty prepares a teaching plan and laboratory manual. Institute promotes the use of ICT for effective content delivery. The institute has implemented classroom teaching through smart classes only. Every class is equipped with LCD projector, PC, internet connectivity, interactive board, and sound system. The faculty member prepares their teaching material which consists of PPT presentation, audios, and videos. The question bank is provided to every student after completion of the unit. The students are given academic diaries for each semester at the department which consists of Time table, syllabus, course outcomes, teaching plan, list of experiments, actual teaching days details, name of teacher guardian, self academic performance chart, sample university question paper etc. As per the schedule of the academic calendar and timetable, the theory and practical classes are conducted. 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. After the test, valued answer sheets are made available to students for any discrepancy observed in valuation. Faculty discuss about expected answers of questions asked in the test paper. Results are displayed and students with poor results are identified to conduct improvement tests. The student performance in unit tests and his/her percentage of attendance is conveyed to parents by letter. Students are also given assignments for each subject consisting of questions of university standards to build up the logical and analytical thinking capability of students. The practicals are performed and checked regularly. At the end of semester, the feedbacks of students are taken to evaluate the teaching quality of staff. 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 are conducted for some subjects as per the need. The internal assessment of the theory course is done based on the performance in unit tests and for the Lab course, the assessment is done based on performance in practical classes and viva-voce. The external assessment for both theory and Lab courses is carried by the university at the end of the semester. The internal assessment marks are submitted to the university as per their schedule. The university has an online evaluation system for theory papers so the institute follows the same.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
DTPP program:	Nil	05/03/2020	30	Employability	Designing skills

Design training in MASTERCAM					
DTPP program: Design training in CREO	Nil	05/02/2020	30	Employability	Designing skills
DTPP program: Design training in AUTOCAD	Nil	15/07/2019	30	Employability	Designing skills
DTPP program: Design training in ANSYS	Nil	15/09/2019	30	Employability	Designing skills
DTPP program: Design training in SOLIDWORK	Nil	05/01/2020	30	Employability	Designing skills
DTPP program: Design training in CATIA	Nil	15/08/2019	30	Employability	Designing skills

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	Nil	Nill
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Mechanical Engineering	10/06/2019
BE	Computer Science and Engineering	10/06/2019
BE	Information Technology	10/06/2019
BE	Electronics and telecomm Engg	10/06/2019
BTech	Chemical Engineering	10/06/2019
ME	Comp Science and Engineering	16/08/2019
ME	Mech Engg. (CAD CAM)	16/08/2019
Mtech	Chemical Engineering	16/08/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year		
	Certificate	Diploma Course
Number of Students	96	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Communication Skill 5KS06,5IT04,5XT06,5CH06	10/06/2019	110
Communication Skill 6ME06,6TX06	10/06/2019	43
Environment Stusies	10/06/2019	153
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Chemical Engineering	24
BE	Electronics and telecommunication	34
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

Feedback on the curriculum is sought from alumni. teachers. parents and employers. Opinions on Various aspects of the syllabus like its content its relevance, its importance, and applications in industry are obtained from these stakeholders. Feedback is analyzed. Its report is made. Institute is affiliated to SGB Amaravati university. The curriculum is designed/modified by the board of study (BOS), a body constituted by the university. The gist of the feedback analysis is shared with a member of the board of study, Feedback on teaching skills and various extracurricular activities is sought from students. It is analyzed. Its report is discussed at IQAC.Appropriate actions/ steps are taken base on feedback.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled

ME	Mech. Engineering, CAD/CAM	18	Nill	Nill
ME	Computer science and engineering	24	1	1
Mtech	Chemical Engineering	18	1	1
BTech	Cemical Engineering	45	8	8
BE	Mech. Engineering	120	21	21
BE	Ind electronics and telecommunications teleco	60	12	12
BE	Information Te	60	34	34
BE	Computer science and engineering	60	53	53
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	728	8	93	10	10

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
103	103	12	29	1	5
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Institute has implemented mentoring system aimed to inculcate discipline, punctuality and to build confidence and motivation among the students. One mentor is appointed for the batch of 15 students. Mentor counsel the respective student, solves their academic and personal problems. Mentor monitors student's regularity and discipline. He keeps parents of students informed about the performance and regularity of their ward. Each mentor meets the students associated with them at least once a week. Record of all mentoring activities is maintained. Mentor also maintains the students information including his strengths and weakness guide him in choosing the right career path. Mentors also monitor his student from being affected by ragging on the campus

and off the campus.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
728	103	1:7

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
98	103	Nill	8	8

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Nill	Nill	Nill

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
Mtech	CE	Year	31/10/2020	30/11/2020
ME	RMEF	Year	31/10/2020	30/11/2020
ME	MCC	Year	31/10/2020	30/11/2020
BTech	CH	Semester	31/10/2020	09/11/2020
BE	ME	Semester	31/10/2020	09/11/2020
BE	IT	Semester	31/10/2020	09/11/2020
BE	KS	Semester	31/10/2020	09/11/2020
BE	XT	Semester	01/11/2020	09/11/2020

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Reforms in Continuous Internal Evaluation(CIE) system at the institutional level Institute follows an internal evaluation procedure as per the norms of Sant Gadge Baba Amravati University. One of the major components of internal tests (each of 30 marks) are conducted during each semester to evaluate the subject knowledge of the students. The internal assessment (college 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. Laboratory activities are very important in engineering education. 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. Periodic evaluation of project and seminar is based on structure and volume of work, depth of knowledge, the method adopted, creativity, literature research, documentation, etc. Students are required to deliver the seminar (presentation) on their project work at the end of the semester. Their performance is evaluated by a committee constituted at the department level. Various criteria like creativity, comprehensiveness, presentation effectiveness, ability to answer questions are evaluated during the presentation. Continuous evaluation of students is monitored by the class in charge/ guardian teacher. Performance of the students if not found satisfactory, is reported to their parents/guardians.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Once the academic calendar for the academic session is prepared, it is circulated among all HODs and respective activity incharges/coordinators. HOD of each department gives the copy to all staff to follow accordingly. The commencement date of the academic session is mentioned in the academic calendar. The departmental timetable in charge prepares the timetable for class and practical work and displays it on the notice board. Departmental level activities like guest lectures, workshops are planned in such a way that they will not hamper the regularity of classes. HOD takes the review of the completion of the syllabus before the conduction of the first and second unit tests. After completion of each unit, staff members give the assignments and check and discuss them regularly. Unit test in charge at department level checks the feasible dates according to the academic timetable for conduction of test. The deadline is given to every staff to submit his/her question paper to the respective test coordinator. Upon receiving all papers, the test is conducted for 3 to 4 days. After the evaluating answer sheets, it is shown to students for any discrepancy in evaluation. Staff members are asked to submit the results within a deadline as mentioned in the academic calendar. The status of the above procedure is strictly checked by HOD. As per the academic calendar, the sports coordinator arranges the sport in a given schedule with details of it. The schedule and responsibilities are conveyed to staff and students for better performance. The Cultural in charge keeps track of cultural festivals and seeks advice from the principal about planning. The responsibilities are assigned and conveyed through notice and all staff follows it. In case of the birth anniversary, The principal then asks NSS coordinator to arrange the program for the same. The coordinator conveys the date and time to all departments. On the scheduled date, a celebration program is carried out and detail is published in paper or on social media like whatsApp etc. Separate notice about holidays is issued well before by the office. For every program, a notice is circulated in the classroom and on the notice board for information to students and staff. All these activities related to internal evaluations are strictly followed as per the Schedule /deadlines mentioned in the academic calendar.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://www.aecc.ac.in/anuradha/IQAC/download/1.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
RMEF	ME	Computer Science and Engineering	1	1	100
MCC	ME	Mechanical Engg. (CAD/CAM)	1	1	100
CE	Mtech	Chemical Engineering	4	4	100
KS	BE	Computer science and engineering	54	54	100
IT	BE	Information Tech	27	26	96.3
XT	BE	Electronics & Telecommunication Engineering	34	34	100
ME	BE	Mechanical Engineering	95	95	100
CH	BTech	Chemical Engineering	24	24	100
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://aecc.ac.in/anuradha/IQAC/SSS%20scanned.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Total	00	NA	0	0
View File				

3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Seminar on national innovation and start up policy	Chemical Engineering	15/10/2019

P C assembling and trouble shooting workshop and competition	Computer science and engineering	16/09/2019
Lan gaming competition and workshop on computer networking for lan gaming.	Compu.ter science and engineering	16/09/2019
Workshop on drone technology	Electronics and telecommunication.	02/02/2020
LAN and TPM manufacturing system	Mechanical Engineering	29/05/2020

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Nil	Nil	Nil	Nill	NA

View File

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nil	Nil	NA	NA	Nill

View File

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Nil	Nill

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Chemical Engineering	4	2.21
International	Information Technology	7	7.2
National	Information Tech	2	5
International	Chemistry	4	5.34
International	Other	1	3.8

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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Computer Science and engineering	9

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Batch and packed bed techniques for adsorptive aqueous phase removal of selected p henoxyacet ic acid herbicide using sugar industry waste ash	Dr. S.K.Deokar	Internat ional Journal of Chemical Reactor En gineering	2020	1	Department of Chemical E ngineering Anuradha E ngineering College, Chikhli, Buldana 443 201, India	1
Studies on the removal of Brilliant Green dye using low cost agric ultural waste	Dr. S.K.Deokar	Indian Journal of Chemical Technology	2020	2	Department of Chemical E ngineering Anuradha E ngineering College, Chikhli, Buldana 443 201, India	1
Groundnut plant ash: Characteri sation and adsorption efficacy study for removal of paraquat dichloride	Dr. S.K.Deokar	Indian Journal of Chemical Technology	2020	1	Department of Chemical E ngineering Anuradha E ngineering College, Chikhli, Buldana 443 201, India	1

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication

Batch and packed bed techniques for adsorptive aqueous phase removal of selected phenoxyacetic acid herbicide using	Dr. S.K.Deokar	International Journal of Chemical Reactor Engineering	Nill	7	1	Department of Chemical Engineering Anuradha Engineering College, Chikhli
Studies on the removal of Brilliant Green dye using low cost agricultural waste	Dr. S.K.Deokar	Indian Journal of Chemical Technology	Nill	7	2	Department of Chemical Engineering Anuradha Engineering College, Chikhli
Groundnut plant ash: Characterisation and adsorption efficacy study for removal of paraquat dichloride	Dr. S.K.Deokar	Indian Journal of Chemical Technology	2020	7	1	Department of Chemical Engineering Anuradha Engineering College, Chikhli
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	4	80	8	3
Presented papers	2	18	Nill	8
View File				

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Camp on veternary health,	NSS/ Veterinary officer	2	120
Cleanliness and	NSS/ Medical	2	120

health, lecture	officer rural hospital		
Pranayam and Meditation	NSS	2	120
Awareness on Alcohol Addiction	Citizens of adopted village,	2	120
Guidance to the farmers regarding advanced agricultural techniques	Agriculture office, agriculture department , state Government	2	120
Eye Check Up Camp	Eye specialist Doctors and peoples from adopted village	2	120
Tree Plantation	Institute/NSS	20	100
Blood Donation Camp	Buldhana Urban Blood Bank	10	25
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Cultural, National Youth festival	Cultural, National Youth festival	National institute of culture and education	10
View File			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swach Bharat	Collage students at Campus	Swach bharat abhiyan	2	150
Gender Issue	NSS unit at Adopted village	Beti Bachao Beti Padhao Abhiyan	2	120
Social awareness on cleanliness through street play	NSS unit at Adopted village	Swachh Bharat	2	120
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration

Nil	NA	NA	00

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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Institute -Industry interaction	Industrial visit and interaction	D park software solutions and consultancy	27/06/2020	27/06/2020	students/s taff
Institute -Industry interaction	Industrial visit and interaction	Ashish Agro , MIDC, Chikhli.	15/06/2020	15/06/2020	students/s taff
Institute -Industry interaction	Industrial visit and ineraction	Anand Agro Industries, Chikhli	15/06/2020	15/06/2020	students/s taff
Institute -Industry interaction	Project work	Advance Micro Devices, Akola	01/01/2020	01/03/2020	students/s taff
Institute -Industry interaction	Project work	Xtreme Engineering Equipment Pvt. Ltd. ,Pune	01/01/2020	01/03/2020	students/s taff

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Xtreme Engineering Equipment Pvt. Ltd., Pune	05/08/2019	1. Vocational Training to the students. 2. Visit of Faculty to Industry/Factory. 3. Placement facility to the students as it will be possible. 4. Joint workshops and seminars participated by speakers from Industry and Institute.	15

		5.sponsorship		
Parth's Digitech media Solutions, Buldhana	20/09/2019	Students Training, Testing, Students Projects		22
SWATIX TECHNOLOGIES PVT. LTD. Chikhli	24/08/2019	Students Training, Testing, Students Projects		27
D park software solutions and consultancy	11/06/2019	Faculty interactions, industrial training, guest lecture,research and development		54
MicrospectraSoftware technologies PVT LTD	15/06/2019	Skill development, FDP, Guest lecture		54
Anand Agro Industries, D-6,MIDC,Chikhli	14/07/2019	? Testing facilities available at AEC. ? Training/Lectures to Staff/Non-staff by Faculties ? Updates of technical/research works in the relevant fields.		24
Ashish Agro , MIDC,Chikhli.	09/09/2019	? Testing facilities available at AEC. ? Training/Lectures to Staff/Non-staff by Faculties ? Updates of technical/research works in the relevant fields.		24
Advance Micro Devices, Akola	02/07/2019	1. Vocational Training to the students. 2. Visit of Faculty to Industry/Factory. 3. Placement facility to the students as it will be possible. 4. Joint workshops and seminars participated by speakers from Industry and Institute. 5.sponsorship		17
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
12	17.34

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing

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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Digi-Soft lib	Partially	5.5.0.0	2005

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	19917	4309396	Nill	Nill	19917	4309396
Reference Books	8249	2596254	Nill	Nill	8249	2596254
e-Books	787	Nill	Nill	Nill	787	Nill
Journals	61	117370	Nill	Nill	61	117370
CD & Video	54	Nill	Nill	Nill	54	Nill
Library Automation	1	30000	Nill	Nill	1	30000

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. K. H. Walse	Development of	Open Edx	01/07/2019

complete MOOCs in 4 quadrants (4 credit course) for the Course of Database System 6KS02	www.moocshub.com		
Dr. K. H. Walse	Development of complete MOOCs in 4 quadrants (4 credit course) for the Course of creating own website using google site	Open Edx www.moocshub.com	01/07/2020
All teachers,	Course wise module	open courseware , google classroom.	Nill

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	480	340	480	20	50	10	50	60	10
Added	0	0	0	0	0	0	0	0	0
Total	480	340	480	20	50	10	50	60	10

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

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60 MBPS/ GBPS

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4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Lecture capture system and video conferencing hall, sound proof room with all recording facility.	https://aecc.ac.in/anuradha/IQAC/media-centre.php

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
17.55	13.96	117	88.08

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Maintenance policies and procedures Maintenance of laboratories Minor repairs • Minor repairs and maintenance are carried out at the department level with the help of lab assistance. If needed, the help of technical persons from other departments/workshops is sought. The bill generated for any expenditure is processed and forwarded through principal/ HoD to the account section for final

payments. Major repairs • HoD applies to the principal. After approval from the principal, quotations from outside agencies/vendors are sought by the store incharge. The comparative statement is prepared by HoD/ Store in charge. The budget is estimated based on selected quotations. Its sanction is sought from management/principal. Order is placed, work is carried out. The final bill is processed for payment. Maintenance of computers Minor repairs For minor hardware repairs / replacement of system devices /repairing the system software crash/ network repair etc, • HoD orally inform to head of the computer department. HoD computer, depute the technical persons from his department to rectify the problems. All computer repairs activities are recorded in the register maintained in the computer department. Expenditure incurred for minor purchases required for repairing is submitted through the principal to account section for the payment. Major repairs All Major repairs are carried out through HoD computer deptt as per the procedure established. Maintenance of classrooms Repair of classroom furniture is carried out by the workshop department on oral / written request from HoD. • Maintenance of ICT/ smart class equipment, like LCD projector, speakers, etc is undertaken by EXTC department. All minor problems are solved immediately by technical persons from the EXTC department. • Civil maintenance is headed by the civil engineer (maintenance) For minor civil works like repair of the road, doors windows, plumbing, painting, etc following procedure is adopted. Proposal of any civil work requirement is submitted by HoD or concerned in-charge of a facility to the principal for its approval Approved proposal is sent to civil engineer (maintenance) officer for estimation of budget. After sanction budget from principal/chairman, the civil engineer (maintenance) appoints labour/contractor/agency to complete the work. Bill is generated and processed through the concerned authorities and forwarded through the Principal for final payment. • Electrical maintenance Electrical maintenance work is headed by the electrical engineering deptt. It consists of faculty, electrical assistants, and attendants. All electrical repairing and maintenance works are forwarded to electrical engg deptt through the principal. Minor problems are solved immediately by the persons from electrical 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 facility Indoor stadium is jet washed and vacuum cleaned frequently to remove dust. The playgrounds are kept cleaned by sweepers and external agencies appointed for campus cleaning

https://www.aecc.ac.in/anuradha/IQAC/download/policy%20and%20procedure%20for%20%20maintenance.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Tuition Fees Scholarship	28	560000
Financial Support from Other Sources			
a) National	Scholarship and freeship through various schemes of Maharashtra government	639	26056675
b)International	Nil	Nill	0

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Seminar on Graphology	09/09/2019	75	Mrs. Sayali Dharashivkar
Virtual interacting session with Adoor gopalkrishnan (Padmabhushan)	09/10/2020	169	SPIC MACAY organization
Personal counseling to girl students on female health. (Capacity enhancement).	16/08/2019	149	Dr. Bharati Gurudasani, Chikhli
Learning English with audio visual aid.(language lab)	10/06/2019	251	AEC language lab
Yoga training	21/06/2019	45	Local fitness club, Chikhli
Student mentoring	10/06/2019	728	In house faculty
Design Training Program for Mechanical Engineering Students	22/07/2019	16	Indo Vidarbha Tool Room, Akola
Skill Development Workshop	21/01/2020	50	Sant GadgeBaba Amravati University Amravati

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2020	Gate forum, (team of staff to train the students for Gate and other competitive exms	234	Nill	2	Nill
2019	-One to one	Nill	234	Nill	82

	counselling session by career counseling team				

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nill	Nill	Nill

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
L.G.Balkrishnan Broth. Ltd Jalna	85	40	Multi Organics Pvt. Ltd., Chandrapur,TCS Pune, and other 26 organizations	42	42

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	1	BE	Computer Science and engineering	Anuradha Engineering College, Chikhli	ME
2020	1	BE	Mechanical Engineering	COEP Pune	MTech
2020	1	BE	Electronics and Telecommunication	GECA, Aurangabad	ME Electronics and Telecommunication
2020	1	BE	Information Tech	VJTI, Mumbai	MTech

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	2

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Ashwamedh Sport festival, Cricket, Kabbadi, KhoKho,Volley ball ,foot ball for boys and Girls	Intra College	680
Various athletics events under Ashwamedh	Intra college	216
Dance competions (Annual social gathering Anuspark)	Intra college	50
Music and singing in annual social festival(Anupsark)	Intra college	20
Competition on national traditions	Intra college	98
Singing competition in annual Ganesh festival	Intra college	20
Eco friendly Ganesh Idol Making competition	Intra college	19
Rangoli and craft competition	Intra college	29
Solo and group dance competition	Intra college	109
Ecofriendly colors making competition	Intra college	24

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Nil	National	Nill	Nill	NA	NA

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

- The institute has a students' council constituted as per the Maharashtra university act, 1994. The student's council is formed every year after the notification from the university. Members of the student council are selected as per guidelines set by the university. This student council looks into various matters such as annual college gatherings, sports, and cultural activities, student's grievances, academies grievances, etc. They also help in the smooth conduction of different activities organized by the college. Other than this, the council is also involved in programs like the Ganesh festival, Teachers Day, technical festivals celebration in the institute, etc. Members of

the Student Council are contributing to the maintenance of discipline among the students in general and during college functions. • Apart from this, there is an adequate representation of students in various committees and cells like the anti-ragging committee, student's grievance, academic grievance, Social Welfare (BC/SC/ST), Canteen Committee, etc. The presence of the student council and student's representation in various committees/cells helps in developing the sense of responsibility, belongingness, leadership qualities, team sprint among the students.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

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. In Alumni Meet feedback is collected to enrich the curriculum. Alumni also visit the Institute and used this visit as an opportunity for sharing their valuable experiences with juniors. They provide guidance related to institute enhancement, lab development, industry-oriented project work, training, and visits.

5.4.2 – No. of enrolled Alumni:

3882

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni meet. Guest lectures. Strudents - alumni interaction programms Details of alumni meet. The alumni meet was organized on 15th Feb. 2020 in Anuradha Engg. College, Chikhli with the following objectives • Alumni interaction with students and staff • Conveying institute updates to alumni • Getting feedback from alumni Total 213 alumni were present in the event Some of the distinguished alumni who shared their experiences and guided the students of the institute were, • Mr. Aniruddha Sakalkar, Programe Manager (IndusTelecom, Pune) • Mr. Swapnil Deshmukh, Deputy. Director (Industrial Safety Health, Ahmednagar) • Mr. Balu Bhusari, Professor (D.Y. Patil College of Engineering, Mumbai) • Mr. Devidas Patil, Manager (Capgemini, Pune), • Mr. Sunil Pawar, Vice-President (Barclays software, Pune) • Mr. Pradip Hudekar, CEO (Sahaj Software consultancy, Pune) • Mr. Ganesh Wagh, Manager (Fiat India Automobile Ltd., Pune), etc

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

• Most of the procedures, mechanisms of the institute ensure the decentralized

governance system. Every stakeholder at all levels has an opportunity to contribute their innovative ideas resulting in improved processes and high-quality outcomes. • Decentralization at students level • Institute organizes annual social festivals and other various social and sports festivals every year. All activities of these events are organized by students only, with minimum interference of staff. Institute appoints only one staff as in charge to supervise and guide the students. Al activities right from inviting the guest to conducting the various events of programs are managed by students only. this procedure, providing the opportunity for students to learn social and professional ethics. Given below are some major programs where only students were involved in conducting the program. • Anuspark 2020 • Ashwamedh 2020 • Ganesh festival • Alumni meet. • Institute has adopted the participative management system. Opinions of each employee are considered while deciding the various policy. In deciding the academic activities opinion of all faculties is sought. • Because of covid pandemic, while deciding on the policy to be adopted to complete the pending academic activities, the opinion of all faculty was sought. The team comprising the faculty from each department was constituted to find the best way to complete the pending portion of the syllabus. The strategy was planned on how to complete the lab work. Also, the procedure for internal assessment of students in the current lockdown situation was framed. Hence, with the participation of all faculties, the challenge to complete the academic activities in a lockdown situation was tackled with success.

6.1.2 – Does the institution have a Management Information System (MIS)?
Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	Admissions to this institute are carried out through a centralized admission process (CAP). by DTE Maharashtra govt. Students get admission to this institute based on their merit in the test conducted by DTE. Thus full transparency is ensured in the admission process. The Institute is recognized as Facilitation Center for the professional course admissions under DTE, Maharashtra. Seminars are conducted by the institute for aspiring students to understand them about the process of admission through CAP
Industry Interaction / Collaboration	Institute has dedicated training and placement cell that fetch the collaborative interaction with industry for training and placement of students. Institute has signed MOU with local industry and is connected to various others industries through industrial visits and industrial training. Technical talks are arranged by the persons working in the industry. Institute has expressed its willingness for a mentee, under the margdarshan scheme of AICTE.

Human Resource Management	The management always encourages faculty to update their knowledge by attending workshops/ STTPs and seminars. The faculty induction programs are carried out to widen their vision. . All staff including non-teaching are motivated to pursue their higher studies. Institute has recruited an adequate number of faculty and other supporting staff. In case of non-availability of regular staff, Adhoc staff or part-time staff is appointed.
Library, ICT and Physical Infrastructure / Instrumentation	The library of the institute has the sufficient number of books. These books comprise reference books, text books for UG and PG,. The campus is wifi enabled. Institute has all required infrastructure facilities as per norm of AICTE.
Research and Development	Institute has a comprehensive strategic plan for research. Institute always promote the research culture among students and faculty. Institute has university-approved laboratories to pursue the research leading to Ph.D. degree. Students are always motivated for research. Students can pursue their mini projects and major project on current emerging areas of technology. Mini projects and the major project carried out by students are exhibited on science day every year. The experts from indusry, alumni and distinguished local persons are invited to evaluate the projects and to encourage and inspire the students.
Examination and Evaluation	Semester end examination is conducted by SGB Amaravati university, to which this college is affiliated. Radical changes have been made by the university in the exam system. Internal assessment is done through a internal exam and assignment as per norms set by university. Internal evaluation of seminars and projects is conducted through a committee set up by HOD. Dean. Academic monitors the internal assessment. The staff offers their services in examination and evaluation activities conducted by the university. The institute hosts university exams. Institute is provided with all facilities necessary to conduct the examination effectively.
Teaching and Learning	Institute has adopted students' centric approach in the teaching and

	learning process. Based on students abilities and interests, knowledge is imparted through PPT presentations, animations, group discussions, seminars, quizzes The process is monitored by the dean, academic. Feedback given by students is analyzed. Corrective actions are taken for improvement. Also to impart non-curricular skills, the institute offers a wide range of activities and programs. Students participate in these activities as per their ability and interest.
Curriculum Development	Curriculum design and development is decided by affiliating university i.e SGB Amaravati University. Institute seeks feedback from alumni faculty and other stake holder on the curriculum regularly. The feedback report and the any suggestions made by these stake holders are shared with curriculum development authorities of university, thus helping them in updating the curriculum to meet the current trends in industry. Implementation of curriculum is monitored by dean, academic.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Planning and Development	Partial automation is there. Complete automation of all processes is proposed In view of current covid 19 pandemic, online classes are arranged through various online tools like zoom, google meet, google classroom, Webex etc
Administration	Paperless communication is always encouraged in the institute. Notices and circulars are communicated through email and whatsapp. Security of campus is monitored through CCTV. Information about the institute, departments required by various statutory bodies is updated on the institute website. Information on various current activities, conferences, events, and departmental activities is regularly updated on the website. Also communicated to concerned through email and whats app groups. Utmost transparency is maintained in institute administration.
Finance and Accounts	Institute has been using various software to maintain the financial accounts and records. Students are

	allowed to pay fees online.
Student Admission and Support	Admissions to this institute are carried out through a centralized admission process (CAP), by DTE Maharashtra govt. Students get admission to this institute based on their merit in the test conducted by DTE. All this admission process is computerized and online. Institute act as facilitation enter/ reporting center in online admission process conducted by DTE.
Examination	Semester end examination is conducted by SGB university. Institute has adopted online transactions for all exam-related processes like registration of students, generation of hall tickets etc. Webcams have been installed to monitor the conduction of exams. Evaluation of the answer script is conducted online. An online evaluation center has been set up in the institute.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Nil	Nil	Nil	Nill
No file uploaded.				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Staff induction program	Staff induction program	21/12/2019	23/12/2019	35	14
2020	Workshop on e-learning – managing the online classes and creating the e-	Nill	08/06/2020	12/06/2020	35	Nill

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Systematic Innovation Through Triz	1	15/05/2019	17/05/2020	3
Tools and Techniques for Efficient and Effective Teaching Learning	1	06/07/2020	10/07/2020	5
MatlabFor All	1	04/06/2020	08/06/2020	5
Recent Advances in Smart Manufacturing Technologies	1	16/06/2020	19/06/2020	4
Bio-Energy: Technology and Transition	1	18/05/2020	22/05/2020	5
Renewable Energy and Utilization	6	26/05/2020	30/05/2020	5
. FDP on G-Suite and Allied tools in education, teaching e-content development	6	26/06/2020	04/07/2020	9
FDP on Java by SVKM Dhule02	2	30/04/2020	14/05/2020	15
STTP on Recent trends in Data Science Information security by RAIT Nerul	2	22/06/2020	26/06/2020	5
FDP on Data Processing Data Visiualization organised by PCE Nagpur	2	26/05/2020	30/05/2020	5
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
41	103	62	62

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• loan upto 200000, to staff at lesser interest through college credit coop society, • Rent free accommodation to staff, • Transport facility, Financial assistant in emergent medical situation, Discount in tuition fees to the wards of the employees of this institute, • Recreation facilities, • Flexible working hour for female staff, • Co operative food and grocery store, • Staff tour partially sponsored by management. • Free 24 X 7 wifi.	• loan upto 200000, to staff at lesser interest through college credit coop society, • Rent free accommodation to staff, • Transport facility, Financial assistant in emergent medical situation, Discount in tuition fees to the wards of the employees of this institute, • Recreation facilities, • Flexible working hour for female staff, • Co operative food and grocery store, • Staff tour partially sponsored by management. • Free 24 X 7 wifi.	• Free wifi to all students, • Scholarship and other financial assistant to poor and meritorious students, • Extended library working hours during exam period, • Distribution of textbooks through library book bank, • Bus facility at lower cost, • Payment of fees in installments.

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Both external and internal financial audits are carried out. The external financial audit is carried out every year through a local auditing agency. It ensures total compliance with statutory requirements and obligations.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nil	0	Nil
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nill	Yes	Dean, Academic
Administrative	No	Nill	Yes	Committee constituted under administrative

					dean

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Institute does not have a formal registered teacher parent association. Activities that organized in relations to teacher and parent are • Parent meets at department level. • Parent meet at institute level • SMS alerts/ letters to students parents about student attendance, examination, results • Feedback from parent is sought, analyzed, corrective actions are taken accordingly.

6.5.3 – Development programmes for support staff (at least three)

• Training on fire and safety. • Training program on excel • Staff induction program

6.5.4 – Post Accreditation initiative(s) (mention at least three)

• Work shop on online teaching and creating the e content was conducted • Online teaching was initiated due to lockdown. • Pre cautionary measures against covid 19 in the campus. • Conduction of online internal examination during lockdown • Encouraging and insisting the students to join free online courses available on various academic website during the lockdown. • Faculties are encouraged to achieve a higher level of attainment of course outcomes. • It was decided to apply for NBA in the next session. • For all-round development of students, activities of various clubs and NSS were energized to a greater extent.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	No
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Faculty induction program	21/12/2019	21/12/2019	23/12/2019	45
2020	National conference on green technology and science for sustainable development.	16/02/2020	16/02/2020	16/02/2020	250
2020	Workshop on e learning and developing e content	08/06/2020	08/06/2020	12/06/2020	100
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
One day workshop on discovering yourself	01/08/2019	01/08/2019	25	15
Various event based on theme save girl child in social annual festival Anuspark	13/02/2019	14/02/2019	40	10

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Nil

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Rest Rooms	Yes	2
Scribes for examination	Yes	Nill

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2020	1	1	18/01/2020	1	To conduct MOCK MH-CET test (a common entrance test for admission to professional course.)	Created the competitive environment for students of remote rural area to perform well and hence, to get better opportunities in professional education.	10

2020	1	1	28/01/2020	2	To conduct MOCK MH-CET test (a common entrance test for admission to professional course.)	Created the competitive environment for students of remote rural area to perform well and hence, to get better opportunities in professional education.	10
2020	1	1	19/02/2020	1	To create awareness on importance of technical education in career development.	Lack of interest of rural students in technical education.	5
2020	1	1	28/01/2020	1	To inform about various government / non government scholarship schemes in HE for socially and economically backward students.	Higher education for socio economically backward students.	5

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of conduct for student faculty and administrative staff	01/06/2019	Circular on code of conduct for students is distributed every year to students at beginning of session.
Safety protocols during covid pandemic for staff	13/03/2020	Includes precautionary measures in context of

		current covid pandemic.
and students		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
International YOGA Day, Yoga practice and training	21/06/2019	21/06/2019	53
Kargil Vijas Divas	26/07/2019	26/07/2019	260
Tree plantation from 1st yr Student	06/08/2019	06/08/2019	98
Independence Day Celebration	15/08/2019	15/08/2019	169
Dahihandi festival 2019	23/08/2019	23/08/2019	220
Ganesh festival celebration	02/09/2019	04/09/2019	269
Teachers Day Celebration	05/09/2019	05/09/2019	600
NSS Camp Ranaantri	20/12/2019	28/12/2019	98
Republic day Celebration	26/01/2020	26/01/2020	149
Marathi Bhasha Gaurav Din	28/02/2020	28/02/2020	145

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

• Most of incandescent light bulb, tube light are replaced by LED bulbs • Plantation of more than 100 trees in campus and area surrounding the campus. • Adoptation of tree by first year students to take care of tree during their stay at the institute. • Beautiful campus garden with variety of plants. • Appeal to students to use always reusable plastic bottles and bags. • Rainwater harvesting in the campus. • Installation of water pots for birds on trees. • Efforts toward making birds friendly and small animals like squirrel, rabbit etc friendly campus. • Proper waste management, sorting of waste for proper disposal. • More use of digital technology, minimum use of paper.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best practice 1 (2019-20) Institute is well aware of its social responsibility. Various programs and practices are organized every year for the social cause. This year the practice of providing the service to society was quite different. Title of practice: Workshop on e- learning – managing the online classes and creating the e- content. Context: Current pandemic compelled all teaching process through online mode. The current pandemic suddenly shifted the teaching process from conventional blackboard teaching to online teaching. Most of the teachers from various schools/colleges in this region (particularly rural) were not aware of how to create teaching content for teaching in online mode. Objectives: To train the interested teachers of various schools and colleges so that they will be able to design e-content and deliver the lecture through

various online teaching tools. Process: Institute has been practicing the e-learning process for a long time. All classrooms are equipped with the infrastructure required for smart classes. Since the institute has adopted this process, all faculty of the institute are well trained in creating the e-content using various tools, (graphics ,animation, use of audio , videos etc). The institute decided to disseminate the skill of its staff for the social cause by arranging the one-week workshop free of cost for the teachers. Impact of practice: Around 100 faculty from various schools and colleges participated in the workshop, got trained in designing the e-content, and using the various means for online teaching. Resources required:- Trained staff of our institute. Best practice 2 (2019-20) Title of practice: faculty development program Our institute organizes a faculty development program every year. This year faculty training program was organized on 21, 22 and 23 th of Dec. 2019 Context: In rapid industrial development. The demand of multidimensional faculties with knowledge of recent advancements in the industry. Objectives: It was organized with the following objectives. • To acquaint the staff with the latest trends and development in the industry • To visit the premier institute, have interaction and discussion with its staff on latest developments in curriculum and teaching-learning process. • To promote psychological and physical well-being through various adventurous activities. • To train the faculty on environmental education. • To widen the vision. Description : Staff visited various industries and premier institutes. This includes Sahyadri farms, a company involved in processing and marketing agricultural products. Mr. Pritesh kare, manager of the firm, interacted with staff and explained their business model. He explained how their business was sustained in adverse conditions and how the small farmers of the region are getting the right value of their agriculture produce even in adverse market conditions. All staff understood the various food processing operations and were acquainted with state of art food processing machinery and equipments. The premier institute to which staff visited was MITs Bhujbal knowledge city, institute of engineering. All staff interacted with the faculty of visiting institute, shared their views/knowledge on recent curriculum development and innovative teaching-learning methods. All staff took participated in various adventurous activities. These included paragliding, Rope way ride, Zipline ride, trekking, biking, and horse riding. Experienced the feeling of thrill and excitement, resulting in coming out from fear, increasing the level of courage, and improved self-confidence. Impact of the practice:- Every participant widened their vision on the environment and social aspects. The program resulted in a positive impact on the personal and professional lives of all participants, which in turn improved the quality of teaching.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

https://www.aecc.ac.in/anuradha/IQAC/two%20best%20practice%20%20scanned%20%202020 19-20.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Institutional Distinctiveness One of the most important aspects of the institutes vision and mission is to develop in the students a sense of moral duties and responsibilities toward society through various social activities. Technical skills are not enough, technocrats with good social values and with a sense of responsibility toward society are also important. Social values, ethics, and also professional ethics are inculcated in students through various social activities. In the current covid 19 pandemic institute find an opportunity to inculcate the social values in students and train the students

in professional ethics. Various social programs were organized by the institute and the social organization (PRMSS) to which the institute belongs. Many students and staff participated in these programs. Social Programs/activities which were arranged during pandemic days are as follows • Program on Awareness of covid 19, various safety protocols to be followed during a pandemic for local public • Distribution of mask, sanitizer to needy people, distribution of face shield to the frontline workers. • Manufacturing (formulation) of sanitizer/ disinfectant. Its free distribution to poor and needy people who can not afford to buy. • Assembling the automatic sanitizer dispenser and providing it at free of cost or very low cost to various institutes, schools, and various organizations. • Offering the various voluntary services to covid center set up by the government in the campus. Students and teachers of this institute actively participated in these activities. Here students learned human values like respect, kindness, helping the needy, love, compassion, etc They get associated with society and learned social values and ethics. As teachers are role models of students, the students get inspired quickly by noticing what teachers do. Such remarkable performance distinctive to inculcating the social values in students makes AEC most recognizable institute in its region.

Provide the weblink of the institution
https://www.aecc.ac.in/anuradha/IQAC/Institutional%20Distinctiveness%202019-20%20final1.pdf

8.Future Plans of Actions for Next Academic Year

• To increase the number of placements • Utilization of services of alumni in research funding, start-up, incubation, etc. • To increase the number of faculty having Ph.D. qualification • To increase research publication by encouraging to staff and students • To achieve high standards in research. • More tree plantations, and further development in the landscape in the campus to nurture the students' connection with the environment. • To improve industry-institute relationships. • To initiate more robust steps for students training in reputed organizations. • To get accreditation by NBA for eligible UG/PG courses. • Improving the quality of admitting students, through various counseling and career guidance session.