



Yearly Status Report - 2016-2017

Part A

Data of the Institution

1. Name of the Institution		AMC ENGINEERING COLLEGE
Name of the head of the Institution		Dr. T N Sreenivasa
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08027828655
Mobile no.		9902044111
Registered Email		principal@amceducation.in
Alternate Email		principal@amcec.edu.in
Address		18th K.M. Bannerghatta Main Road, Bengaluru -560083
City/Town		BENGALURU
State/UT		Karnataka
Pincode		560083

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Urban
Financial Status	Self financed
Name of the IQAC co-ordinator/Director	Dr. A K Murthy
Phone no/Alternate Phone no.	08027828655
Mobile no.	9902576902
Registered Email	dean.academics@amceducation.in
Alternate Email	akmu55@gmail.com

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	https://amcec.edu.in/wp-content/uploads/2022/07/AMCE-2015-16-ReSubmitted.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://amcec.edu.in/wp-content/uploads/2022/03/1.-Institution-academic-calendar-2016-17.pdf

5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B++	2.77	2016	02-Dec-2016	01-Dec-2021

6. Date of Establishment of IQAC	09-Sep-2014
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries

IQAC		
FDP on Energy Auditing	13-Feb-2017 1	22
FDP on Power System Transient Analysis Using Mi-Power	24-Jan-2017 2	25
FDP on Social Versus Personal Ethics	10-Apr-2016 1	15
FDP on Introduction To Mat Lab	21-Jan-2016 1	34
FDP on Recent Advances In Ultra High Voltage Transmission , IISC Extension	17-Sep-2016 1	19
FDP on First International Conference RTPES 2016	04-Apr-2016 1	13
FDP on Transmission Line Vibration And Control Strategies	08-Apr-2015 1	28
FDP on Advanced IC Engine	27-Jul-2016 1	25
FDP on OOPS's with JAVA	23-Jan-2017 3	35
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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
Computer Science and Engineering	Shopping By Blind People Detection Of Interaction In Ambient Assisted Living Environment Using RFID	KSCST	2016 365	0.05
Electronics and Communication Engineering	Automation of Robot for Pedicle Screw Fixation	KSCST	2016 365	0.06
Mechanical Engineering	Design of bird scaring machine using wind power	KSCST	2016 365	0.07
Mechanical Engineering	Automated prosthetic leg	KSCST	2016 365	0.08
Mechanical	Design and	KSCST	2016	0.06

Engineering	analysis of wing root fitting made by B4C reinforced aerospace alloy AA2014		365	
Mechanical Engineering	Production and quality testing of briquette fuels from Simarouba and Jatropha seed shell by mixing seed cake.	KSCST	2016 365	0.11
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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 :	3
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)	
The main activity being formulation of plan of action and ensuring the execution of all activities.	
Improved the Graduation Results.	
Enhanced employability by implementing personality development programs, Value added certificate courses & pre-placement training program for the students.	
Career Guidance and Placement Cell strengthened.	
Upgraded library by subscription to e-journals.	
View File	

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
Improve the academic results and Placement	Graduation rate of 70 (Appx.)
Conduct National Level Seminars/ Conferences / Workshops / FDP by all Departments.	Conducted by all the departments
Energize the activities of all the clubs in the college.	All the departments clubs are conducting events periodically.
Paper Publication (By Faculty members)	More papers were published by the faculties in reputed Journals.
Initiate social responsibility activity	Our college NSS unit is organizing Blood Donation Camp, Swatch Bharath, Yoga Day, Plantation, Road Safety Awareness, Meditation Programme, Disabled Day, Health Checkup, Self Defence for women, Fire Brigade Demonstration, First Aid training Programme.
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Governing Council	19-Aug-2017

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

2017

Date of Submission

26-Feb-2017

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

CAMPUS AUTOMATION AMCEC is fully automated using DHI Software automation system which facilitates the processes followed by the college in its entirety and enables them to be streamlined. DHI uses the most reliable way of uniquely

identifying students through website. DHI software is very useful in AMC for daily attendance, we can keep a systematic record of students details, mark sheet, attendance and defaulters list. The DHI enables the easy way of maintaining class attendance with fewer efforts. The system also generates a brief report of attendance from the database according to subjectwise or datewise as required. A defaulter list can be generated through system. Staff and HOD has the option to take a print of the reports and defaulter list thus generated. The Alumni Association of AMCEC is an association of graduates of former students. Through this alumni association, the college is linked with its entire alumni community. Alumni events keep alumni connected to the college and each other.

CONTINUOUS IMPROVEMENT OF THE EXAMINATION SYSTEM FOR THE STUDENTS

To measure the effectiveness of the understanding of the curriculum, the institute is conducting periodic internal tests. A centralized examination body conducts this unit test thrice in a span of one semester. The duration of one such internal test is about 1 hour 15 minutes each. The faculty handling these subjects prepares 2 sets of question papers for each subject and hands over the same to the exam cell. The examination cell will pick one question paper at random and is given on the day of internal test. Invigilation, scheme of valuation etc., is strictly as per the norms established by the VTU. Each question in the question paper is mapped to a course and program objective as per the guide lines of Blooms Taxonomy. A student centric learning platform called "Quicklrn" has been provided by the AMCEC. This learning software helps the students to firm up the lessons learnt in the class rooms. The platform uses a digitized teaching and learning process, allowing technology utilization in the learning activities. These learning activities help to measure effectiveness of learning for individual student, and identify advanced and slow learners. The teachers can plan tutorial and remedial for individual students, based on these student learning insights. Students

contribute to the efficient functioning of IQAC The Students are providing feedback on the teaching learning process regularly. The students organize various departmental festivals that inculcate in them the College quality policy Building a harmonious work culture and motivating everybody to contribute the best.

Part B

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

AMC Engineering College (AMCEC) affiliated to Visvesvaraya Technological University (VTU), Belagavi Karnataka is a non-autonomous college. All the academic programs of AMCEC follows the curriculum which are designed and developed by VTU. The curriculum prepared by the university is done in consultation with the academicians and technical experts selected from industry, keeping in view the requirements of both the industry and society. Although the technical contents are developed by the University, course outcomes (CO) of the academic programs are correlated to the vision, mission of our institution and Program Educational Objectives (PEO). To fulfil the demands of the competitive market for employability both at national and international level, each CO of our programs are mapped to the program outcomes (PO) defined by the National Board of Accreditation at appropriate levels of blooms taxonomy related to Knowledge & Understanding, Application & Analysis and Evaluation & Creativity / Critical thinking. CO is also mapped to the program specific outcome (PSO) designed and developed in consultation with stake holders of AMCEC which includes experts from both academic and industry. Calendar of event is prepared advance along with timetable for each course / internal assessment /other academic activities. Based on the best suited teaching-learning style identified for each CO, every topic of the syllabus is restructured for session wise delivery, called as lesson plan. Instruction materials / laboratory manuals are provided for each course. Effectiveness of student learning or cognitive level is indicated by assessment system. Each CO is assessed based on more than one process which includes direct assessment and indirect assessments. Direct assessment includes continuous internal assessment (CIE) conducted by the department and semester end examination (SEE) conducted by the University Theory and practical courses. Indirect assessment includes course exit survey of theory and practical's seminars, workshops, industrial visits, internships, projects which gives ample exposure to real time professional environment. All the activities are defined with CO and are mapped to PO/PSO. CIE includes internal assessment tests (CIA) and assignments. Question papers are designed in such a way that student is tested for the different cognitive levels of learning following the guidelines of Blooms Taxonomy and are mapped to CO/PO/PSO. Application of Blooms Taxonomy system has enabled the teachers to set examination papers that are well balanced, testing the different cognitive skills without a tilt towards a tough or easy paper perception. Direct assessment includes 30% CIA, 10% assignment and 60% SEE. Based on the outcome of assessment, remedial measures are devised to increase the level of attainment of learning or to find out the strengths and shortfalls of the learning taken place. Necessary changes are made in Teaching-Learning Process to fill the gap in regard to each course. Attainment of Program Education Objectives are

assessed between 3 to 5 years of graduation for every batch of students and suitable changes are proposed in delivery methodology for the program and undertake the reformation in entire curriculum implementation process.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
Electrical Safety	Nil	08/12/2016	5	Employability	Skill development
Fundamentals of Internet of Things (IoT)	Nil	06/12/2017	6	Employability	Skill development
Pre-Placement Training	Nil	08/01/2016	6	Employability	Skill development
GST Training	Nil	19/09/2016	6	Employability	Skill development
Android	Nil	09/09/2017	5	Employability	Skill development
SQL AND PLSQL Programming	Nil	02/06/2016	9	Employability	Skill development
HTML5	Nil	08/05/2016	9	Employability	Skill development
PCB Design and Fabrication	Nil	04/01/2017	30	Employability	Skill development
Design Analysis using CAD/CAE	Nil	30/07/2016	9	Employability	Skill development
Cype Software (Civil)	Nil	16/08/2016	5	Employability	Skill development
SMP	Nil	19/07/2016	5	Entrepreneurship	Skill development

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	Nil	Nil
No file uploaded.		

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	Computer Science and	03/08/2015

	Engineering	
BE	Information Science & Engineering	03/08/2015
BE	Electronics and Communication Engineering	03/08/2015
BE	Mechanical Engineering	03/08/2015
BE	Electrical and Electronics Engineering	03/08/2015
BE	Civil Engineering	03/08/2015
Mtech	Computer Science Engineering	03/08/2015
Mtech	Computer Network Engineering	03/08/2015
Mtech	Digital Electronics and Communication	03/08/2015
Mtech	VLSI and Embedded Systems	03/08/2015
Mtech	Machine Design	03/08/2015
Mtech	Power System Engineering	03/08/2015
MBA	Master of Business Administration	03/08/2015
MCA	Master of Computer Application	03/08/2015

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	1116	0

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
Pre Placement Training	08/03/2015	688
SQL PLSQL Programming	02/06/2016	60
HTML5	08/05/2016	50
W/Shop on Microanalysis of Finance	06/07/2016	57
Arm controller and it's application	21/04/2017	30
Raspberry PI	20/04/2017	35
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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
BE	Electronics and Communication Engineering	43

BE	Information Science Engineering	19
BE	Electrical and Electronics Engineering	9
BE	Civil	10
BE	Mechanical	44
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
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
<p>The Institution obtains Feedback from the students at the end of each semester. The students are encouraged to give Feedback on Curriculum, facilities, Teaching-Learning etc. This effective Feedback and their views are put forward on behalf of the college committee. Later, the inputs are taken from the Industry in order to help the students requirements in employability. When the University invites representatives from the college during the reformation of the curriculum and syllabus, these views are shared in front of the University curriculum committee, which would help to bring changes in the Syllabus. This feedback is also shared between the faculty concerned in curriculum delivery. Based on the facultys experience, a proposed set of actions are prepared for the future course revision. The feedback is also obtained from the faculties, Employers, Alumni and parents regarding the quality of the program and other facilities. The obtained feedback and the action taken report is documented and the same will be shared among the concerned Stakeholders.</p>

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
BE	CSE	240	209	209
BE	ISE	120	109	109
BE	ECE	180	171	171
BE	ME	240	268	268
BE	EEE	60	71	71
BE	CIVIL	60	94	94
Mtech	CSE	36	3	3
Mtech	CNE	18	2	2
Mtech	DEC	25	1	1

Mtech	VLSI	18	2	2
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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
2016	2958	202	251	114	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	Number of smart classrooms	E-resources and techniques used
375	375	11	62	4	14

[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)

? Course Instructor counsels the slow learners and encourage them by providing class notes, reading materials and solved university question papers to avoid the risk of drop out. ? Special classes are arranged for the difficult theory courses which are in the ongoing semester. ? Remedial classes for the students who had not cleared university examination in the difficult theory courses are conducted. ? For lateral entry students the extra classes are conducted for mathematics subject. ? Intensive communication skills and personality development programs are conducted. ? Personal professional mentoring is done along with their parents. ? Additional sessions are held exclusively to motivate the students by the mentors/faculty members handling courses/HOD/Principal. ? The deprived students (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc.) are given utmost importance, so that such students feel comfortable to perform to their potential. ? Mentors interact with the parents on issues related to academics, and progress of students. ? The awareness about competitive exams are given to Students and they are motivated to prepare for competitive exams such as GATE, CAT, GRE and TOEFL. ? Inter-personal skills of the students are improved with the help of several club activities.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2999	375	1 : 8

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
375	375	34	34	42

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	Designation	Name of the award, fellowship, received from

	state level, national level, international level		Government or recognized bodies
2016	Dr. Girisha C	Professor	Project of the Year from KSCST, Karnataka Government.
2016	Madhu Mohan R	Professor	Project of the Year from KSCST, Karnataka Government.
2016	Mr Ananthanagu	Assistant Professor	Bronze partner faculty from INFOSYS
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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	M. Tech Digital Electronics and Communi	4 Sem	07/07/2017	11/10/2017
Mtech	M. Tech VLSI Design Embedded Systems	4 Sem	27/07/2017	11/10/2017
Mtech	M. Tech Power System Engineering (EEE)	4 Sem	27/07/2017	05/01/2018
Mtech	M. Tech Machine Design (Mechanical)	4 Sem	27/07/2017	13/10/2017
BE	Civil Engineering	8 Sem	13/06/2017	01/08/2017
BE	Electrical and Electronics Engineering	8 Sem	13/06/2017	01/08/2017
BE	Mechanical Engineering	8 Sem	13/06/2017	01/08/2018
BE	Electronics and Communications Engineering	8 Sem	13/06/2017	01/08/2017
BE	Information Science Engineering	8 Sem	13/06/2017	01/08/2017
BE	Computer	8 Sem	13/06/2017	01/08/2017

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

Internal Examinations Guidelines are provided to the students regarding rules regulations with respect to internal examinations before the start of the internal examinations. IA tests are planned in advance for theory as well as for practical and is mentioned in calendar of events provided to the students. IA examinations are conducted by the department who carry out examination work for both internal and University exams. If a student has any grievances, he/she can approach the examination committee seeking for redressal and the same is addressed by the committee. Principal HODs with coordinators discuss about the grievance and action will be initiated. The grievance is addressed within 2 to 3 days. Attendance Performance of the student is monitored regularly. Theory IA tests question paper is prepared as per the prescribed format in two sets based on the course outcomes. Program Assessment Committee (PAC) scrutinize the question paper and one question paper is selected for the conduction of IA test. All the modules mentioned in the syllabus are covered uniformly in three IA tests. Scheme is prepared for question paper which has appeared for the test and is discussed in brief with students after each test. Answer booklets are evaluated based on the scheme. Practical exams are conducted in line with university exams, marks distribution is based on write-up, conduction and viva. IA marks are updated in Institution Learning Management System. Marks are also updated in log books. Slow learners are Identified and special tutorial classes are conducted for them.

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

- At the start of each academic year, the university publishes an Academic Calendar that includes the semester start and end dates, the start and end of practical examinations, the start and end of Theory examinations, and a list of holidays.
- The Institute follows the Universitys Academic Calendar.
- One month prior to the start of the semester, the Institute develops its own schedule of events in accordance with the University calendar of events, with the participation of all department HODs and various coordinators.
- The Institutes calendar of events includes three IA test dates, an internship date, a seminar date, a project viva voce date, an intercollegiate and intercollegiate fest, an alumni meet, Parent-Teacher meetings, Graduation day, First Year Inauguration Day, Womens Day, and Teachers Day, among other things.
- Each department creates its own calendar of activities, including dates for seminars, proctor meetings, industrial visits, IA tests, project reviews, conferences, workshops, and department meetings, among other things, in order to stay on track.
- All stakeholders are informed via the college website, department blog, and mobile app.
- Throughout the semester, the Calendar of Events is closely adhered to.
- Each faculty prepares a detailed lesson plan/teaching approach that is tailored to the curriculum before the semester begins.
- The content, learning aids, and methodology, faculty approach, and course outcomes are all included in the lesson plan. The topic and total lectures for completing the curriculum are often highlighted in the lesson plan.
- All Saturdays are used for Co-Curricular events to cover topics not included in the syllabus.
- In case of any unforeseen holidays, bandh's the change of examination date is finalized, and the students are intimated regarding the same.

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://amcec.edu.in/wp-content/uploads/2022/03/po_psopeco-2016-17.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
CSE	BE	Computer Science Engineering	115	106	92%
ISE	BE	Information Science Engineering	77	74	97%
ECE	BE	Electronics and Communication Engineering	106	100	93%
ME	BE	Mechanical Engineering	183	174	95%
EEE	BE	Electrical and Electronics Engineering	49	45	92%
CVE	BE	Civil Engineering	45	43	95%
CSE	Mtech	Computer Science Engineering	5	5	100%
CN	Mtech	Information Science Engineering	10	10	100%
DEC	Mtech	Electronics and Communication Engineering	2	2	100%
VLSI	Mtech	PG-VLSI Design and Embedded systems	7	7	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://amcec.edu.in/wp-content/uploads/2022/03/2.7.1_16-17.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
Minor Projects	365	KSCST	0.64	0.64
Minor Projects	365	Technilab Instruments	1.3	1.3

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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 "Industrial Design"	Mechanical Engineering Department	08/10/2016
Seminar on "Entrepreneurial skills"	Mechanical Engineering Department	09/06/2016
Seminar on "CAE Applications in New product development across various domains"	Mechanical Engineering Department	26/09/2016
Seminar on How to get patents and Research funds	ECE Department	24/01/2016
National Seminar for Research Scholars 2017	Civil Department	16/03/2017

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
Automated Prosthetic leg	Students: Mr. Venkatesh, Mr. Purushothama, Ms. Anusha, Mr. Abhilasha Faculty: Dr. Madhu Mohan, Dr. Girisha C	KSCST	12/08/2017	Project of the Year

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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
INCUBE - DIR	Design and development of prosthetic add on	KSCST - IISc	Prosthetic Add On	Technology	01/08/2016
INCUBE -	Automation	KSCST -	Prosthetic	Technology	01/03/2017

DIR	of prosthetic limb	IISc	Limb		
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
1	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	0

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	Electronics and Communications Engineering	5	0.42
International	Mechanical Engineering	3	3.95
International	Computer Science Engineering	4	0.64
International	Electrical and Electronics Engineering	1	5.72
International	Master of Business Administration	1	2.32
International	Chemistry	6	3.71
International	Physics	3	0.33
International	Electronics and Communications Engineering	1	7.52

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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
Mechanical Engineering	3
Computer Science Engineering	14
MBA	1
Chemistry	2
Information Science Engineering	16
Computer Science Engineering	22
Mechanical Engineering	10

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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
Synthesis and antimicrobial evaluation of substituted fluorquinolones under conventional and microwave irradiation conditions	V.Veeranna, M.V.V. Varaprasad	European Journal of Chemistry	2017	8	AMC Engineering College	3
A Tool for analyzing the UML diagrams using UMLS ECCheck 3.0 and Detecting Vulnerabilities	B R Prasad Babu	International Journal of Engineering Research	2017	5	AMC Engineering College	2
Electromagnetic pulse welding for joining of Aluminum tube to uncoated and copper coated Steel rod	K. Shanthala, T.N. Sreenivasa Hitesh Choudhury	The Journal of CPRI	2017	13.1	Department of Mechanical Engineering, AMC Engineering College, B.G . Road, Bangalore-560083, India	3
View File						

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
Electromagnetic pulse welding	K. Shanthala, T.N. Sreenivasa	The Journal of CPRI	2017	4	3	Department of Mechanical

for joining of Aluminum tube to uncoated and copper coated Steel rod	Hitesh Choudhury					Engineering, AMC Engineering College, B.G. Road, Bangalore-560083, India
Analysis of the Joining Process for Dissimilar Tubular-Rod structures by high speed Electro Magnetic Pulse Force	Shanthala K, T.N. Sreenivasa, Hitesh Choudhury Shantharam Dond	Published in IEEE Xplore Online	2017	4	2	Department of Mechanical Engineering, AMC Engineering College, B.G. Road, Bangalore-560083, India
Mechanical Behavior of Al6061-Al2O3 and Al6061-Graphite Composites	Madeva Nagaral, Shivananda B K, V Auradi, K I Parashivamurth S A Kpri	Materials Today: Proceedings, Elsevier	2017	20	2	Associate Professor, Dept. Of Mech. Engg., Siddaganga Institute of Technology, Tumkur, Karnataka
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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	12	3	0	0
Presented papers	45	58	0	0
Resource persons	0	3	0	0
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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

Swachh Bharath Abhiyan	AMCEC ECE 09/05/2016	5	200
Tree Plantation	AMCEC EEE 12/7/2016	5	260
Tree Plantation	AMCEC EEE 25 - 26/08/2016	8	210
Road Safety Awareness	AMCEC EEE 27/09/2016	6	298
Swachh Bharath Abhiyan	AMCEC ECE 09/05/2016	28	204
Yoga Day	AMCEC ECE 21/06/2016	28	249
View File			

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
Blood Donation	Certificate of Appreciation	Lions Club of Sheshadripuram, Bangalore	100
Swachh Bharat Abhiyan	Certificate of Appreciation	Sri Veeranjanya Handicap Welfare Association, Bangalore	400
Blood Donation	Certificate of Appreciation	Lions Club of Sheshadripuram, Bangalore	200
Donation to the Trust	Donation	Ashwini Angadi Trust®, Bangalore	80
World Disabled Day	Certificate of Appreciation	Sri Veeranjanya Handicap Welfare Association, Bangalore	200
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 activities	Number of students participated in such activities
Ayudha Pooja	AMCEC CSE 08/10	celebrating pooja	80	220
Kannada Rajostava	AMCEC CSE 01/11	flag hosting	60	240
Campus Cleaning	AMCEC CSE 04/11	awareness	10	240
Blood donation	AMCEC ECE 05/05	awareness	20	260
International	AMCEC ECE	awareness	20	240

yoga day	21/06			
Independance day	AMCEC EEE 15/08	flag hosting	50	250
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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
Student exchange	71	AMC Engineering College	365
Faculty exchange	223	AMC Engineering College	365
Student exchange	50	AMC Engineering College	365
Student exchange	80	AMC Engineering College	365
Student exchange	55	AMC Engineering College	365
Technology Transfer, RD	14	Naffa Innovations	365
Technology Transfer, RD	9	Tharka Innovations	365
Design Consultancy	4	BBMP, Khivraj Motors, Durga Fabs	60
View File			

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
Internship	Internship	BMRCCL	01/02/2017	01/02/2017	1
Industrial Visit	Industrial Visit	CPRI, Bengaluru	27/09/2016	27/09/2016	62
Industrial Visit	Industrial Visit	NPTI Hotline Training Centre, Bengaluru	29/09/2016	29/09/2016	40
Industrial Visit	Industrial Visit	NPTI Hotline Training Centre, Bengaluru	11/04/2016	11/04/2016	45
Industrial Visit	Industrial Visit	CSIR - NAL	15/09/2017	15/09/2017	30

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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
Techninzaz	09/11/2017	Workshop on Big Data Analytics	55
Infosys Campus Connect Program	21/12/2017	Software Training Program	30
Council of Scientific and Industrial Research, (CSIR)	11/04/2016	Project training for students, Internship Projects	71
ATSSL	07/07/2017	Workshop and Internship was conducted from Fundamentals of Machine Learning (Speech and image processing)'17th Jan to 10th March 2018	18
Technilab	13/10/2016	IoT based Smart Baby Monitoring System with Live Video Streaming	50
Princeton Smart Engineers	23/08/2017	Workshop on Web and User Interface development, 3 days Workshop	40
Indian Cyber Army	04/06/2017	Workshop on Cyber Security and Ethical Hacking	80

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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
960	831

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing

Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Others	Newly Added
View File	

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 partially)	Version	Year of automation
Easy Lib	Fully	6.A	2003

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	55429	205746	3306	2911791	58735	3117537
Reference Books	9115	7025820	110	103012	9225	7128832
e-Books	13599	720840	0	0	13599	720840
Journals	55	2479000	55	78550	110	2557550
e-Journals	8611	3155010	8611	1480500	17222	4635510
Digital Database	1	114000	0	13570	1	127570
CD & Video	3495	0	0	0	3495	0
Library Automation	1	70200	0	0	1	70200
Weeding (hard & soft)	0	0	0	0	0	0
Others(s pecify)	0	0	0	0	0	0
View File						

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
Nil	Nil	Nil	Nil
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co	Computer	Internet	Browsing	Computer	Office	Departme	Available	Others
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	computers	Lab		centers	Centers		nts	Bandwidth (MBPS/GBPS)	
Existing	877	639	600	32	140	11	37	25	0
Added	0	0	0	0	0	0	0	0	0
Total	877	639	600	32	140	11	37	25	0

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

25 MBPS/ GBPS

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
Handicam, Tripod, TV, Still camera, Scanner. Internet, Wi-Fi, Mike, Projector, Projector Screen, Laptop,	https://amcec.amcgroup.edu.in/wp-content/uploads/2022/03/10.-4.3.3-%E2%80%93-16-17.mp4

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 incurred on maintenance of physical facilities
320	299.93	1325	1211

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)

AMCEC has 63 Class rooms in the campus, 29 classrooms and 6 seminar halls have ICT facilities. Class rooms are allotted as per submission of requirement and are used as per allotted Time table. Faculties use teaching aids like Projectors, Laptops for teaching. Class rooms are taken care properly by Maintenance team. Institution is facilitated with 54 UG Programme and 8 PG Programme Laboratories belonging to diverse departments. All the Laboratories in the campus are well equipped with latest equipment's and materials, for curriculum aspects to students as well as to motivate them to do research activities. Purchase Committee decides regarding the purchase of Lab requirements, accordingly Equipment's are procured in structured manner. Stock register is maintained and has systematic entries of procured equipment's and consumables. First Aid facility and Fire extinguishers are provided in each Laboratory. Do's and Dont's for students are displayed. Institution has sufficient ICT facilities with current trending configuration. IT admin is available in the college for Procurement of Computer, accessories, hardware and software requirements recommended by Department Heads. Antivirus, Updating Hardware and software are done regularly. Institution has one Main Library for UG and one Main Library for PG and one reference section, managed by Qualified Librarians, and supporting Library staff. Books are procured through recommendations made by faculties, students and research scholar's requirement, are considered. Institution has organized circulation policy implemented effectively. Online e resources are subscribed to all the Programmes through the VTU E-Resources Consortium. These resources are IP based and can be accessed anywhere in the campus only available through the website. It is approved by committee/principal based on budget following terms/conditions.

Stock verification is done every year by members appointed by Principal (Faculty from each department, Library staff). Silence/calm atmosphere is maintained in library. Mobile phones/Food/drinks are not allowed in library. Bags/personnel books are not allowed. Library is not responsible for personnel loss. Books are returned/renewed physically in time. Materials can be taken out after proper issue. Institution has Sports and GYM facilities in the campus to strengthen Sports/games/cultural activities. AMC cricket ground is used for NCC/Sports events. Physical Education Trainer is available to train the students for all the sports activities. Advisory committee suggests/advice on sports matter. Sport Facilities are provided by staff under guidance and is maintained well, under guidance of Physical Education Trainer. Two DG sets (125KVA and 82.5KVA|) are available in the campus in case of power failure,

https://amcec.edu.in/wp-content/uploads/2022/03/4.4.2_2016-17.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	Paramahansa Foundation trust	12	70000
Financial Support from Other Sources			
a) National	State GOK Social welfare OBC Supernumerary quota JK Defense scholarship	1310	34912545
b) International	Nil	0	0

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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 implementation	Number of students enrolled	Agencies involved
Soft Skills	11/07/2016	466	People logic
Soft Skills	11/07/2016	527	JV Global Services
Soft Skills	16/07/2016	527	Pre placement training by Mr.Vincint, Mr.Ananth,Mr.Vinod prabhu from QUANTECH Mobile No: 8159152676, www.quentec.net.
Soft Skills	18/07/2016	550	ASK (ACADEMY FOR SKILLS AND KNOWLEDGE) BY ZANE zanecuxton@gmail.com, Http://www.globalfacereaders.com
Language and	24/09/2017	800	Conducted by

Communication skills			English Faculty Chaitra
Life Skills	21/06/2016	350	Yoga Day by Patangali Yoga Sikshana Mandali
Life Skills	23/01/2017	400	Art of Living Kanakapura Road Udayapura Bangalore 08067262626 NSS, AMCEC
Life Skills	30/01/2017	220	Health Checkup for students and faculty
ICT/Computing Skills	23/09/2016	390	Workshop on Andriod -Ms.Nalini Chowdary Start Career
ICT/Computing Skills	05/10/2016	370	Angular JS and HTML5-Mr.Sumit Kohli Zen Rays Technologies
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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 passed in the comp. exam	Number of students placed
2016	IAS coaching / KAS Coaching/ GATE Coaching/ GRE /TOEFL Coaching/Communication Coaching/ Enterpruener Training program	839	900	11	418
View File					

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
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
,Mumbai - 40063. Phone: 022 - 261075400, Email: enquiry@sleekworld.com 3M DIGITAL, www.3mdigital.com Accenture Alpha9 marine Amazon Anora semiconductor BROADBRIDGE, www.broadbridge.com CAP GEMINI, www.capgemini.com, 08066567000 CAREERNET TECHNOLOGIES PRIVATE	2665	283	MICROSOFT, 33, Prestige Business Park, Marathahalli - Sarjapur Outer Ring Rd, Bellandur, Bellandur Amanikere, Karnataka 560103, 08066587000 3M Digital 42 Hertz ACCENTURE AMAZON, Gorund, 8th, 9th, 10th, 11th Floors, Orion Building, Bagmane, Constellation	304	105
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2017	1	BE	Computer Science Engineering	IIIT-B LJMU	MSC IN MACHINE LEARNING AI
2017	7	BE	Civil Engineering	GLOBAL ACADEMY OF TECHNOLOGY SJCIT INSTITUTE OF TECHNOLOGY KURUKSHETRA UNIVERSITY KURUKSHETRA UNIVERSITY TECHNOLOGICAL UNIVERSITY OF DUBLIN SAMBHRAM INSTITUTE OF TECHNOLOGY UNIVERSITY OF NEW	MTECH MTECH MTECH ME MTECH MS

				HAVEN'S	
2017	5	BE	Electronics and Communications Engineering	TEXAS AM UNIVERSITY ESIGELEC FRANCE LUND UNIVERSITY SVENSKT UNIVERSITY HOCHSCHULE FURTWANGEN UNIVERSITY	ELECTRICAL ENGINEERING ELECTRONIC EMBEDDED SYSTEM WIRELESS COMMUNICATION EMBEDDED SYSTEM MS IN SMART SYSTEMS
2016	2	BE	Information Science Engineering	UNIVERSITY OF SUNDERLAND QUEENSLAND UNIVERSITY	MBA MS
View File					

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
GRE	1
Any Other	5
View File	

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

Activity	Level	Number of Participants
T-20 AMC Cricket Tournament	Institute Level	100
VTU Inter - Collegiate Kabaddi (M) Tournament - VTU Bangalore South Zone.	University Level	156
Mech Mela 2.0	Institute Level	250
Colosseum 2k17 Intra Collegiate Fest	Institute Level	600
Photography Competition	Institute Level	25
Womens Day Celebration	Institute Level	150
Teachers Day Celebration	Institute Level	150
Ethnic Day Celebration	Institute Level	500
Intercollegiate Fest Melange-2K17	Institute Level	200
AMC Tech Quiz Club Conducted a Technical Quiz Competition.	Institute Level	40
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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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2017	3rd - Semi-finalist (VTU BANGALORE SOUTH ZONE CRICKET TOURNAMENT)	National	1	Nil	1AM15CS041	Nikhil R
2017	3rd - Semi-finalist (INTER COLLEGIATE CRICKET TOURNAMENT)	National	1	Nil	1AM15CS041	Nikhil R
2017	1st Place	National	Nil	1	1AM14CS015	LEON BENNY
2017	2nd place	National	Nil	1	1AM16CS145	YASWANTH J K
2017	Silver	National	1	Nil	1AM15EE054	SHUBHAM KUMAR

[View File](#)

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

Student council activities provides an opportunity to develop leadership, career, teamwork, problem resolving, communication skills by organizing, carrying out different activities. The student council representatives (one each from boys and girls) from every department. Principal will head the council, assisted by the vice-president, secretary and coordinator from all departments. The student council plays active roles:

- Takes initiative and conducts different competitions from academics and provide the competitive environment at state and national level.
- Plays a role in improving the efficiency of the operations of the library and sourcing latest books, Journals and research activities.
- Sensitize the students about the ill effects of ragging and anti-sexual harassment in the campus and dissuade them.
- Assist the Alumni association in organizing its activities.
- Takes initiation to keep the campus neat and clean through NSS activities. Women Empowerment Anti-sexual Harassment Committee/Anti-ragging Cell Activities Conducted "Workshop on Self-Defence for Women" "Session on Women -Empowerment" on 03/04/2017 21/02/2017
- Sports/Cultural Committee Activities organized
- VTU Bangalore south zone kabaddi tournament Runners on 12th 13th April, 2017
- GAT Cricket Cup Winners on 21/04/17-30/04/17
- VTU Single Zone tournament on 29/04/17-30/04/17
- VTU south zone Hockey tournament runners on 16/04/17-17/04/17
- VTU intercollegiate South zone Volley Ball Men Women tournament on 27/03/17 30/03/17
- VTU South zone Volley Ball tournament at BTLIT, Bangalore 11/02/2017 12/02/2017
- Samara-2K18 throw ball Volley ball tournament on 17/04/2017
- VTU Bangalore South Zone Inter - Collegiate Kabaddi (M) Tournament on 20.10.2016.
- T-20 AMC Cricket Tournament on 16.05.2016
- Mélange Sports competition on 10/04/2017 11/04/2017
- Colosseum sports on 30/8/2016 31/08/2016
- Alumni Cricket Competition on 08/09/2016 to 9/9/2016

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Institute has a strong alumni association which is registered in the name of "The Alumni Association of AMCEC", Bengaluru on 3rd November 2014. The Association has opened an Account in the "State Bank of India", AMC Campus branch to operate the funds for various Alumni activities. The associations functions and operates as mentioned in the Bye-laws such as conducting technical programmes, arranging lectures by eminent persons, newsletter, cultural, literary and sports activities. Every year second week of December, the alumni meet will be organised. The alumni from different branches of the under graduate and post graduate programs share their views and give suggestions for the betterment of their junior students in the Annual meet. The alumni meet is hosted by the management generously and the alumni are honoured with mementos. So far 5 alumni meet have been conducted. Alumni contributes financially by registering. They also have immensely contributed in terms of non- financial means like placements of their juniors in their company, acting as resource persons for guest lecturers to give an insight to the industry requirement, current technology requirements and trends, industry connect and guidance for postgraduate studies in India and abroad. The alumni Meet helps in building a network of the alumni and helps in being in touch with the corporate world. They share their experiences, knowledge and advice the students. Through these alumni meets, a strong bond is created between the passed- out students and the current batch. The association helps in holding interactive sessions to motivate current students about the employability and educational opportunities/ work culture/living standards and condition abroad. The alumni sponsor scholarship every year to meritorious students of all branches who are economically weak. This is given away to the respected students in the alumni-meet. There are many examples wherein alumni render their services during weekends/free time/vacation. One such example is Mr. Utkarsh who works at Sysfore Technologies Pvt Ltd, comes to institute every weekend to train a batch of 20 students of final/pre-final year CSE on Mobile App Development Tools. The Alumni provide feedback on competencies gained during their course and provide valuable information to improve curriculum on a continual basis. Alumni are part of IQAC, Departmental Advisory Board etc. Alumni provide a formal feedback once in a year in the alumni meet about the overall improvement of the institution/placements/results through Alumni Survey and their feedback has helped the effective implementation of the OBE process. The Alumni Association creates and maintains a life-long connection between the Institute and its alumni. It was registered with 14 members but now number has grown up to more than 3,500 alumni. The Alumni Association works to connect alumni, support students and build an unforgettable Institute experience through a diversity of events, programmes and services.

5.4.2 – No. of enrolled Alumni:

772

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

200250

5.4.4 – Meetings/activities organized by Alumni Association :

The Institute has a strong alumni association which is registered in the name of "The Alumni Association of AMCEC", Bengaluru on 3rd November 2014 with Society Number: JNR-S272-2014-15. The Association has opened an Account in the "State Bank of India", AMC Campus branch to operate the funds for various Alumni activities. The associations functions and operates as mentioned in the Bye-laws such as conducting technical programmes, arranging lectures by eminent

persons, newsletter, cultural, literary and sports activities. Every year second week of December, the alumni meet will be organised. The alumni from different branches of the under graduate and post graduate programs share their views and give suggestions for the betterment of their junior students in the Annual meet. The alumni meet is hosted by the management generously and the alumni are honoured with mementos. So far 7 alumni meet have been conducted at the institute level. Departmental Alumni meet also conducted twice in a year.

Alumni contributes financially by registering. They also have immensely contributed in terms of non-financial means like placements of their juniors in their company, acting as resource persons for guest lecturers to give an insight to the industry requirement, current technology requirements and trends, industry connect and guidance for postgraduate studies in India and abroad. The alumni Meet helps in building a network of the alumni and helps in being in touch with the corporate world. They share their experiences, knowledge and advice the students. Through these alumni meets, a strong bond is created between the passed- out students and the current batch. The association helps in holding interactive sessions to motivate current students about the employability and educational opportunities/ work culture/living standards and condition abroad. The alumni sponsor scholarship every year to meritorious students of all branches who are economically weak. This is given away to the respected students in the alumni-meet. There are many examples wherein alumni render their services during weekends/free time/vacation. One such example is Mr. Santosh S who works at Capgemini, comes to institute every weekend to train a batch of 120 students of final/pre-final year CSE on Web App Development Tools. The Alumni provide feedback on competencies gained during their course and provide valuable information to improve curriculum on a continual basis.

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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)

The Institute practices decentralization of powers and participative management

1. Decentralization in working: The powers are divested through the Principal to the HODs for complete transparency in administration and decision-making process. The BOG has delegated powers to the Principal in Academic, institutional development, curricular and extra-curricular activities. The Dean, HODs with Principal will have periodic meeting with chairman to discuss academic administrative issues and to take appropriate measures and decisions. The Principal, Dean HODs are empowered with appropriate powers for smooth functioning of the Institutional activities. The College has constituted many committees to decentralize the activities and for functioning of the Institute. Each committee consists of members from all departments who meet regularly to carry out the duties and functions of the committee effectively. The coordinator of the committee briefs the principal on important decisions and reviews the progress of their implementation.

2. Participative Management: The institute practices a participative management at all levels. Chairman discusses with Principal and designated staff regarding important issues in the corporate office. Principal in turn conducts interactive sessions for HODs and staff for inclusive and sustained management of the institution. HODs translate in to action the objectives promulgated by the higher authorities through

departmental faculty meetings. Issues concerning with students are discussed in the CRs meeting, their suggestions are taken into confidence before implementation. Suggestions from stakeholders are considered, discussed and if found suitable implemented following transparency and fairness. All the academic administrative issues like budget, recruitment, purchases, admissions, promotions, conferences, etc., are discussed in the open house.

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

Yes

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
Human Resource Management	The administrative and academic departments in the college are well established. All records of staff members are well maintained and updated. The HR department takes care of employee grievances and regular surveys are carried out amongst faculties and students to find out their satisfaction levels. Various committees like grievance redressal committee, staff welfare committee, sexual harassment elimination committee have been instituted. Group insurance policies have been provided to insure faculties and students. Faculties are motivated to participate in FDP, seminars, conferences, workshops, refresher orientation courses etc. Non-teaching staff are regularly provided training in disaster management, campus behavior, hospitality etc.
Library, ICT and Physical Infrastructure / Instrumentation	As in the previous years, in 2019-20 also, the college infrastructure has been upgraded which includes classrooms, labs, sports facilities, ladies lounge and other supporting facilities. The budget allocated for infrastructure augmentation has increased in the year 2019-20. Especially, when compared to the previous years. Many E-Resources have been added to the library to facilitate the research spirit among students and faculties. For the maintenance of physical facilities and academic support facilities, the expenditure has increased. Battery operated cars have been introduced for easy mobility around the campus.
Research and Development	Faculties regularly publish research papers in UGC recognized journals and some of the faculties have successfully published books too. To facilitate

research, the college has purchased Plagiarism software. Teachers and students have actively participated and presented papers in various national and international conferences and have also attended AICTE sponsored training programs. Faculties are regularly awarded for their innovative teaching practices. The Entrepreneurship Cell regularly conducts programs to kindle the student's interest in Startups. Students are encouraged and supported to go for Start-Ups. Interdisciplinary research projects are also encouraged among faculties and students. The Institute has established many functional MOUs with Industries.

Examination and Evaluation

For continuous evaluation of students, the exams are regularly monitored by the IQAC cell. To make sure exams are conducted in a smooth manner. Students and parents regularly receive messages regarding examinations. Each student is internally evaluated based on their unit test performances, projects internships, and assignments along with co-curricular activities every semester. The Examination department make sure examinations are conducted without any malpractice.

Admission of Students

The admissions guideline as prescribed by the affiliating University is followed along-with the merit list reservation policies to achieve UG admissions. For PG students, admission takes place on the bases of entrance examinations/counseling conducted by KEA or by the Government/Affiliating University. The State Government norms are followed in admitting 50 percent of the PG students through Government quota. Remaining 50 percent of the seats are filled by the management exercising its privilege to fill the seat. A dedicated admission team makes sure the admission process is carried out in a transparent and fair manner.

Industry Interaction / Collaboration

To bring about active industry-Institute collaboration, some of the Governing Council and the IQAC members are Industry experts who provide timely inputs and suggestions. The Placement cell actively provides pre-placement training every academic year to make the students' industry ready. Many on-

Campus placements have taken place through companies like Allegion, Capgemini, Concentrix, Infosys BPM, Vantage Agora, Mahindra, and Wipro Technologies and more than 200 students have been successfully placed. Through Off-campus drive, also students have been placed. Industry experts regularly visit the campus to deliver guest lectures and interact with students. Many of engineering departments carry out consultancy projects in collaboration with Industry to solve real-life business problems.

Teaching and Learning

The Teaching Learning process has become more student-centric, by applying interactive learning methods like Blended MOOCs through teaching aids like Computers, LCD slide projectors, charts, models, prototypes etc. The lectures are further strengthened with tutorials, remedial classes, GDs, assignments, live projects, seminars, and student paper presentations. All the departments use experiential learning methods like laboratory work, obtaining grants and funds from reputable agencies to work on various projects, building prototypes, industrial visits, science exhibitions etc. with great success. Most of the departments have upgraded to the latest infrastructure especially about labs. In collaboration with industry, Computer Science department has set up labs called-Tequip labs

Curriculum Development

The Institution carries out efficient curriculum delivery through an effective system. A Committee prepares the College level academic calendar based on the Affiliating University's Academic calendar of Events. Every department prepares its own Calendar of Events based on the college level academic calendar. Thereafter the Departmental level timetable is prepared teacher wise, class wise and subject-wise. The curriculum delivery objectives are fulfilled through the Academic calendar. Competency mapping of the teachers are carried out by each department. Before the onset of an academic year, faculties prepare subject wise lesson plans. Through DHI, timely feedback is obtained regularly from students regarding faculties, course outcomes and content delivery.

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

E-governance area	Details
Finance and Accounts	Online fees collection module with receipt generation system is implemented through college website. Accounts department is using Tally software for finance management.
Examination	1. Online exam conduction- through Google classroom. 2. Creating question papers on DHI software. 3. Selecting question types. 4. Conducting quiz and assignments through DHI. 5. CIE marks can be viewed by the students in ERP software. 6. Exams are conducted according to the university Rules and Regulations.
Student Admission and Support	1. Admission details are made available with the ERP software called DHI. 2. Online feedback system is available in ERP software. 3. Conduction of online classes through Google classroom, Zoom meeting and other software's. 4. Integration of mail access in CAMPUS portal. 5. SMS dissemination module integration. 6. Student attendance and progress reports made available with ERP system. 7. Digitized library system with separate account for every student
Planning and Development	E-governance planning and development in a form of educational technology facilitates learning via online courses and contents. Unlike traditional forms of classroom education, e-learning is always available, highly adaptable to each student's level of current knowledge through the ERP software called DHI. There is a digitized library to access the materials online through separate account for students and the staff through NIMBUS account.
Administration	Administration of faculties and students are implemented through the ERP software called DHI. Which has SMS based information dissemination

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
2016	H S Adithya	National	Nil	1500

		Conference on MSME: The Engine of Indian Economy		
2016	Shanthala K	The 18th Asian Conference on Electrical Discharge	Nil	3050
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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)
2017	FDP on OOPSS with JAVA	Nil	23/01/2017	25/01/2017	35	Nil
Nil	FDP on "Advanced IC Engine"	Nil	27/07/2016	27/07/2016	25	Nil
Nil	FDP on First International Conference RTPES 2016	Nil	04/04/2016	05/04/2016	13	Nil
Nil	FDP on Recent Advances In Ultra High Voltage Transmission , IISC Extension	Nil	17/09/2016	17/09/2016	19	Nil
Nil	FDP on Introduction To Mat Lab	Nil	21/01/2016	21/01/2016	34	Nil
Nil	FDP on Social Versus Personal Ethics	Nil	10/04/2016	10/04/2016	15	Nil
Nil	FDP on Power System Transient Analysis	Nil	24/01/2017	25/01/2017	25	Nil

	Using Mi-Power					
Nil	FDP on Energy Auditing	Nil	13/02/2017	13/02/2017	22	Nil
Nil	Innovative Methods of Teaching in Engineering	Nil	02/06/2017	02/06/2017	26	Nil
Nil	National Seminar for Research Scholars-2017	Nil	16/03/2017	17/03/2017	75	Nil
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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
WORKSHOP ON DAY WITH HADOOP	11	05/04/2017	05/04/2017	1
WORKSHOP ON SDLC, MOBILE TESTING	11	16/03/2017	16/03/2017	1
National Seminar for Resresearch Scholars 2017	8	16/03/2017	16/03/2017	1
FDP ON SIGNAL AND IMAGE ANALYSIS	1	06/03/2017	07/03/2017	2
FDP ON VISUALIZATION USING vSPHERE 6.0	2	19/12/2016	23/12/2016	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
375	375	268	268

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
22	15	15

6.4 – Financial Management and Resource Mobilization

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

A Internal Audit: The internal audit is an ongoing continuous process. Qualified Internal Auditors from external and internal resources have been permanently appointed and a team of staff under them do a thorough quarterly basis check and verification of all payments, receipts journals vouchers of the transactions cash books, ledger account review that are carried out in each financial year on an accrual basis system B. External Audit All the financial transactions of the institute are audited by an external agency. The external audit is carried out by the auditors as per the provisions of the Government rules and regulations. The Institute has maintained the highest level of transparency in all financial transactions. It may be seen from the audited reports that all the financial transactions are carried out as per the standard norms. The audited reports are uploaded in the college website as per AICTE norms. An extract of the audited report by the external agency is attached

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
Karnataka State Cricket Association SBI Bank	859300	SportsGames Rental
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6.4.3 – Total corpus fund generated

2500000

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	Yes	Government	Yes	Principal
Administrative	Yes	Government	Yes	Principal

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

- As per parents suggestions lateral entry students were given extra classes in mathematics subject.
- As per parents suggestions Intensive communication skills and personality development programs are conducted.
- Personal professional mentoring is done along with their parents.
- Mentors interact with the parents on issues related to academics, and progress of students.

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

- Power system transient analysis using Mi- Power on 24-25 Jan 2017
- Energy Auditing on 13-Feb-17
- Hybrid Power generation 5-Apr-17
- Arduino based IoT Hardware Interfacing ArduBotics on 23- 25 Jan 2017

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

- The Coventry Team led by Dr. David Wright , Director of Strategic initiatives visited AMCEC campus with hope of long lasting bond in the field of sustainable engineering and sciences.
- Research Innovative Forums are established in each department.
- The College has taken various initiatives in making campus Eco- Friendly 3500 saplings are planted.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Yes
d) NBA or any other quality audit	Yes

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
2017	FDP on OOPSSs with JAVA	23/01/2017	23/01/2017	25/01/2017	35
2016	FDP on "Advanced IC Engine"	27/07/2016	27/07/2016	27/07/2016	25
2016	FDP on First International Conference RTPES 2016	04/04/2016	04/04/2016	04/05/2016	13

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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
International Women's Day 2018	03/08/2018	03/08/2018	119	70
Women Empowerment Activity by REXONA CONFIDENCE ACADEMY	09/08/2017	09/08/2017	133	75
International Women's Day 2017	03/08/2017	03/08/2017	115	103
Workshop on Gender Sensitization & Gender Equity	03/08/2017	03/08/2017	115	103
Workshop on Self - Defense for Women	03/04/2017	03/04/2017	110	83
Symposium on Women	21/02/2017	21/02/2017	117	92

Empowerment				
A Seminar on Prevention of Sexual Harassment	10/05/2016	10/05/2016	114	87
International Women's Day 2016	03/08/2016	03/08/2016	118	91

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
<ul style="list-style-type: none"> • Total power requirement of the institution is 87,263 Units/Year • Power requirement met by renewable energy sources - 13,718 Units/Year • Renewable energy source is 1.5kW solar wind power plant at college campus • Renewable energy generated and used - 13,718 Units/Year • Energy supplied to the grid - 0

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	Yes	3
Ramp/Rails	Yes	3
Braille Software/facilities	Yes	0
Scribes for examination	Yes	0
Special skill development for differently abled students	No	0
Any other similar facility	Yes	3

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
2017	Nil	1	06/05/2017	1	First Aid Training Programme VENUE: AMC Campus	First Aid	350
2017	Nil	1	18/04/2017	1	Fire Brigade Demonstration VENUE:	Fire Safety	1200

					AMC Campus		
2017	Nill	1	08/03/2017	1	Self Defense for Women's VENUE: AMC Campus	Women E mpowermen t	180
2017	Nill	1	02/03/2017	1	Blood Donation Camp VENUE: AMC Campus	Blood Donation	300
2017	1	Nill	30/01/2017	1	Health Check up VENUE: AMC Campus	Health Safety	250
2017	1	Nill	28/01/2017	1	Disabled Day VENUE: AMC Campus	Disabled empowerm ent	430
2017	1	Nill	23/01/2017	1	Meditation Programme	Mental Strength	500
2016	1	Nill	26/09/2016	3	Road Safety Awareness	Road Safety	480
2016	1	Nill	17/12/2016	1	Free Education for Government Schools	Empowerment through Education	60

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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)
Student Handbook	01/08/2016	<p>This Handbook is designed as a guide to help the under graduate students to explore the opportunities and resources available while pursuing engineering degree here at AMCEC.</p> <p>There are numerous student support services and academic programs to choose from to further your academic performance . The college has five</p>

		NBA accredited undergraduate programmes under BE format from 2018-2021. The class sizes are optimal to provide personal attention to each student, and courses are taught by faculty with experience in academia, industry and the public sector
EMPLOYEES ADMINISTRATIVE AND SERVICE MANUAL	01/08/2016	These rules may be called "The service rules for the employees of AMC Engineering College, Bangalore - 83. These rules shall come into force from the date of approval by the GC of the AMCEC apply to the employees of AMCEC. The GC of AMCEC reserves right to amend/ modify/alter /and add to any of these Rules and to bring any such amendment / alteration with effect from such date as it may fix

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
First Aid Training Programme	06/05/2017	06/05/2017	350
Disabled Day	28/01/2017	28/01/2017	430
Republic day	26/01/2017	26/01/2017	500
Kannada Rajyothsava	01/11/2016	01/11/2016	300
Road Safety Awareness	27/09/2016	27/09/2016	480
Meditation by Art of Living	17/08/2017	17/08/2017	400
Independence Day	15/08/2017	15/08/2017	250
Donation for Orphanage	14/08/2017	14/08/2017	1000
International Day Against Drug Abuse	14/08/2017	14/08/2017	450
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

- The college has adopted various measures to maintain a green campus which helps in developing an ECO balanced environment.
- About 3500 trees have been

planted in the campus. • The college maintains beautiful garden of decorative plants and a vast lawn for the cricket ground. •New plantations of trees are done regularly through NSS and various departments

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practices 1 - Incube Incube is a multifaceted club which concentrates on over all development of student nurturing them in every single aspect of their career. Nurture tender brains to think original towards inventions and discoveries. To follow new era of pedagogy to apply theories practically to form better society and in turn better world. Probe young minds to identify effective need statements, conceptual thinking and approach to opt apt solutions. Off the boundaries interdisciplinary engineers should unite and work together to come up for advanced solutions. Incubate and Assist good ideas to grow as ultimate reality. The incubate undertakes various consultancy projects catering to different walks of life including projects serving the cause of society at large. Some of the projects executed are purely with the intent of helping the needy and underprivileged. Objectives ? To nurture the thinking and execution abilities of students ? To apply students engineering concepts and thoughts into ultimate reality of life ? To design and develop innovative products to reality and also to market addressing the right target crowd. ? To nourish students ideologies and ability to think creative, out of box and unique. ? To provide aid to industries organizations and needy people in society in order to increase their productivity and serve better to nation ? To provide internship opportunities for deserving students ? To bring in awareness in students about the recent trends in industry. ? To motivate students and faculties to transform themselves into an active researcher ? To enable and facilitate the research grants provided by organizations industries and institutions to researchers ? To establish the collaborations with industries, companies, and universities for research activities. ? To Convert novel ideologies of researcher to patent in order to secure researchers brain child's intellectual property rights. ? To make students feel the ownership and motivate them to be in charge for maintenance of center of excellence / incubation center/ consultancy activities and additional innovative labs under constant monitoring and able guidance of incubation head. ? To constantly conduct research meets and talks to enhance the knowledge and latest trends of technology. Best Practices 2 - Campus Automation AMC Engineering College is fully automated using DHI Software automation system which facilitates the processes followed by the college in its entirety and enables them to be streamlined. It helps in reducing the time spent, saves cost and enhances the experience of Management, Faculty, Parents and the Students involved in the system. College Automation System provides a list of applications to support various educational, administrative and operational needs of the College. DHI Software provides a list of applications to support various educational, administrative and operation needs of the institution. Each of these applications are built to be able configure and customize for needs of the college. Educational Modules • Student 360° View • Progress Reports • Lesson Plans for online learning • Online Assessments • Question Papers • Activity Clubs • Academic Projects Administrative Modules • Student Records • Staff Records • Attendance • Timetable/Scheduling • Assets/Inventory • Calendar • Principal Dashboard • HOD Dashboard • Faculty Dashboard • Login Accounts • Messages/Email • SMS • Online Circulars • Communities • Survey/Feedback • Announcements • Alerts • Course/Term/Batch Setup • Admissions • Fees Management • Tests and Examinations NBA Module • Program Vision and Mission • Course Outcomes • Program Outcomes • Program Specific Outcomes • Program Educational Objectives • Course Exit Survey • Attainment Calculations As a parent and/or student at our college, you will be able to access the following features.

Receive critical information instantly through SMS. • Attendance • Progress Report • Holidays • Announcements Circulars • Fees Remainders Access your wards information from the school website, using your unique login id. • Students Details • Circulars • College Calendar • Timetable • Progress Report • Fee Details • Attendance Report • Exam Schedule Students can access learning tools and e-learning content published by the College. • Lesson Plans • Online Assessments • Course Exit surveys and feedback sessions.

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

<https://amcec.edu.in/wp-content/uploads/2022/03/7.2.1.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

PRODUCT DESIGN STUDIO The product design studio is an innovative thinking of the team. Energy and passion drives pushed the envelope to create cutting edge designs with the aim of approaching clients across several industries. It's young team's persistent attempt to create innovative design solutions that work for clients and helps them succeed. Product design Studio aim to be a force to reckon with on the global platform and showcase work that acts as a true catalyst in the success of future clients and the concept follow a simple process of 3 steps- Analyze, Create, Develop. During Analysis we get a good understanding of our end users, target market and competitors. Which helps us in understanding what to achieve at the end before beginning. Based on that analysis we start to ideate and brainstorm small ideas which eventually are converted to complete concepts. In the development phase we take the concepts and bring them to life in the world of 3D. Product Design Studio consists of

Drafting Boards: It is the one where the student's ideas will be penned to pursue the existence towards the reality with respect to end user need. Light Boxes This is where the ideas of unregistered sculpture will be traced and reworked with respect to design modification Light boxes Master drafting Table Once the ideas have passed through the initial stages the final scrutinizing and combination of design for the creation of sculpture will be done on the master drafting. Master drafting Table Clay modeling work benches Clay modeling is the realization phase of two dimensional concepts to 3 dimensional contours. Polymer clay of industrial standards are used and clay modeling is done as per scale realized in drafting of concepts. Incube is a multifaceted club which concentrates on over all development of student nurturing them in every single aspect of their career. Nurture tender brains to think original towards inventions and discoveries. To follow new era of pedagogy to apply theories practically to form better society and in turn better world. Probe young minds to identify effective need statements, conceptual thinking and approach to opt apt solutions. Off the boundaries interdisciplinary engineers should unite and work together to come up for advanced solutions. Incubate and Assist good ideas to grow as ultimate reality. The incubate undertakes various consultancy projects catering to different walks of life including projects serving the cause of society at large. Some of the projects executed are purely with the intent of helping the needy and underprivileged. Objectives ? To nurture the thinking and execution abilities of students ? To apply students engineering concepts and thoughts into ultimate reality of life ? To design and develop innovative products to reality and also to market addressing the right target crowd. ? To nourish students ideologies and ability to think creative, out of box and unique. ? To provide aid to industries organizations and needy people in society in order to increase their productivity and serve better to nation

Provide the weblink of the institution

<https://amcec.edu.in/wp-content/uploads/2022/03/7.3.1.pdf>

8.Future Plans of Actions for Next Academic Year

- Applying for NBA Accreditation.
- Applying for Autonomous status from VTU.