Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**AMC ENGINEERING COLLEGE**
Name of the head of the Institution	**Dr.A G NATARAJ**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**080-27828655**
Mobile no.	**9902044111**
Registered Email	**principal@amceducation.in**
Alternate Email	**principal@amcec.edu.in**
Address	**Bannerghatta Main Road, Bangaluru-560083, Karnataka**
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	**principal@amceducation.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.amcgroup.edu.in/AMCEC/image/AMCEC_NAAC_AQAR-2017-18.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.amcgroup.edu.in/AMCEC/image/Download/COE%202018-19.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accreditation	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**

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
Swachh Bharath Abhiyan at	**06-Oct-2018**	**30**

Bannerghatta National park premises	1		
Mathematics Quiz - I for the students	27-Sep-2018 1	50	
Quality Initiative on An overview of Modeling by using CAD	20-Sep-2018 1	65	
Quality Initiative on Various opportunities available with the Micro Small & Medium Enterprises (MSME)	06-Sep-2018 1	400	
Quality Initiative on An overview of Potential Skill and Development	05-Sep-2018 1	60	
Field Tripis organized to The Art of Living	05-Sep-2018 2	550	
Quality Initiative on IOS Application Development	03-Sep-2018 1	89	
Quality Initiative on An overview of CAD/CAM, using Solid Works	24-Aug-2018 1	60	
Industria lvisit for Prestige Song of the South Shear wall building	21-Aug-2018 1	30	
First Semester BE ,Two Week Induction Programme	16-Aug-2018 11	550	
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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
Mechanical Engineering	Design and Fabrication of Pedal Operated ETricycle with Auto Charging	KSCST	2018 360	0.09
Mechanical Engineering	Design and Fabrication of Biodegradable SISAL Fibre Extractor	KSCST	2018 360	0.09
Mechanical Engineering	Design and Development of Exoskeleton to Carry Defined Payload	KSCST	2018 360	0.08
Mechanical	Design and	KSCST	2018	0.09

Engineering	Development of Automated Food Plate Management System in Dining Halls (Distribution & Disposal)		360	
Mechanical Engineering	Performance & Emission Characteristics by extracting Chicken Fat Oil from Chicken & Blend in CI Engine	KSCST	2018 360	0.07
Mechanical Engineering	Development & Performance Evaluation of Sustainable Eco-Friendly Mushroom Based Material for Packaging Application	KSCST	2018 360	0.07
Mechanical Engineering	Fabrication of Bio Composite Pipes Using Bamboo Fiber/Straps	KSCST	2018 360	0.06
Mechanical Engineering	Design & Fabrication of Eight Stroke Engine	KSCST	2018 360	0.08
Mechanical Engineering	Development and Mechanical – Wear Characterization of A12024-NANO B4C Composites for Aerospace Application	KSCST	2018 360	0.06
Mechanical Engineering	Design & Fabrication of Food Grain Handling & Bagging Machine	KSCST	2018 360	0.05
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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)

- **The main activity being formulation of plan of action and ensuring the execution of all activities.**

- **Enhanced employability by implementing personality development programs, Value added certificate courses & pre-placement training program for the students.**

- **Career Guidance and Placement Cell strengthened.**

- **Publication of Journals of international standards& Upgraded library by subscription to e-journals.**

- **Seminars, conferences and invited talks arranged for students & Faculty Members.**

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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
Celebration of national days and health days	**Celebration of national days &health days done by all the departments for the year 2018-19 as per the action plan – 34 Activities conducted.**
AAA Auditing	**Periodical conduct of academic and administrative audit and follow up done**
NSS activities	**8 Activities related to Swatch Bharath, Gender issue and Aids awareness conducted through NSS in which students and faculty participated.**
Linkages & MOU	**Continuous efforts are in process- During the year 36 Linkages 14 MOUs signed with other institutions.**

Effective implementation of value-added and enrichment courses and motivate student to enrol.	Students are encouraged to enrol for the value-added and enrichment courses in all departments. 13 Value added courses are conducted and 1340 students enrolled during the year.
[View File](#)	

14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Governing Council	**29-Apr-2019**

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	**2019**

Date of Submission	**25-Sep-2019**

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)	**If yes, give a brief description and a list of modules currently operational. (Maximum 500 words) CAMPUS AUTOMATION AMCEC • 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 (NBA) 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. 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. Calendar of events planned for every academic year both at college level and department level. Detailed timetable for both theory, laboratory helps to deliver the session wise lesson plan systematically. Effectiveness of student learning or cognitive level is indicated by assessment system. Each COs areassessed based on 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 COs and are mapped to PO/PSO.. 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 and each student of the course.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Artificial Intelligence Skill Development Program	Nil	08/07/2019	6	Focus on e mployability	Skill development
Internet of Things Skill Development Program	Nil	08/07/2019	6	Focus on e mployability	Skill development
Python Programming	Nil	18/08/2018	9	Focus on e mployability	Skill development
NS-2 ,NS-3	Nil	18/08/2018	9	Focus on e mployability	Skill development
Python	Nil	23/08/2018	6	Focus on e	Skill

Application Programming				Focus on e	Skill
				mployability	development
IOT Application Using Raspberry pi And Arduino	Nil	08/10/2018	6	Focus on e mployability	Skill development
Heating,Ve ntilation and Air conditioning	Nil	12/09/2018	6	Focus on e mployability	Skill development
SMP	Nil	06/08/2018	6	Focus on e mployability	Skill development
Pre- Placement training	Nil	06/08/2018	10	Focus on e mployability	Skill development
Campus connect program	Nil	28/01/2019	30	Focus on e mployability	Skill development
Fundamentals of Internet of Things (IOT)	Nil	24/04/2019	6	Focus on e mployability	Skill development

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
[View File](#)		

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
Mtech	Machine Design	19/08/2018
Mtech	Power System Engineering	19/08/2018
MBA	Master of Business Administration	19/08/2018
MCA	Master of Computer Application	19/08/2018
BE	Computer Science and Engineering	11/07/2018
BE	Information Science & Engineering	11/07/2018
BE	Electronics and Communication Engineering	11/07/2018
BE	Mechanical Engineering	11/07/2018

BE	Electrical and Electronics Engineering	11/07/2018
BE	Civil Engineering	11/07/2018
Mtech	Computer Science Engineering	19/08/2018
Mtech	Computer Network Engineering	19/08/2018
Mtech	Digital Electronics and Communication	19/08/2018
Mtech	VLSI and Embedded Systems	19/08/2018

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

	Certificate	Diploma Course
Number of Students	643	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
Civil -Pre- placement training	01/08/2018	51
CSE - Pre- placement training	01/08/2018	169
CSE - Soft skills training	30/07/2018	169
CSE - German Class	01/08/2018	40
ECE - Pre- placement training	01/08/2018	85
ECE - Soft skills training	30/07/2018	85
ECE - German Class	01/08/2018	10
EEE - Pre- placement training	01/08/2019	20
ISE - Pre- placement training	01/08/2018	182
ISE - Soft skills training	30/07/2018	182
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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	Computer science Engineering	185
BE	Information Science Engineering	116
BE	Electronics and Communication Engineering	150

BE	Mechanical Engineering	228
BE	Electrical and Electronics Engineering	40
BE	Civil Engineering	106
Mtech	Computer science Engineering	4
Mtech	Power System	2
MBA	MBA Marketting	90
MCA	Computer Application	31
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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

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.

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	Computer Science Engineering	240	47	195
BE	Information Science Engineering	120	20	78
BE	Electronics	180	13	119

	and Communication Engineering			
BE	Mechanical Engineering	240	15	65
BE	Electrical and Electronics Engineering	60	4	37
BE	Civil Engineering	60	12	43
Mtech	CSE	36	1	4
Mtech	CNE	18	0	0
Mtech	DEC	25	0	0
Mtech	VLSI	18	1	3

[View File](#)

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
2018	2244	126	201	66	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
277	277	1243	46	3	28

[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)

Students Mentoring System Student mentoring system is available in the institution. At the beginning of every academic year, approved faculty members are assigned as mentors to a group of students/mentees. Mentors conduct periodic mentor-mentee meetings to monitor the progress of their respective mentees in academic, co-curricular and extracurricular activities. Mentor-mentee meetings are conducted at the beginning of every semester, after the IA tests and before the university exams. This helps to address and resolve any study related issues, students might be facing. These meetings also help to identify and nurture students' interest in co-curricular and extracurricular activities. Periodic PTMs are also conducted to keep the parents updated with their wards' progress. To address the non academic and personal issues students are counseled from time to time. Objectives: • Enabling overall development of the mentee • Helping mentees to resolve their problems(academic and nonacademic) • Counseling students on areas apart from academics • Fostering good mentor -mentee relations. Context of the practice: • In today's competitive and stressful environment, mentoring system enables the students to achieve their full potential and adjust to the stress and vigour of a professional education. • It also helps the students in settling down within the new system with ease. • The indirect effect of this system leads to a healthier mentor -mentee relationship and a better learning environment on the campus. • In present

time, the pandemic had affected lives of students in multiple ways, leading to stress, uncertainty and confusion. Counselling helps students to share their feelings and helps towards their overall wellbeing. Mentors are provided with appropriate guidelines for effective implementation of the students mentoring system. Effective mentoring system helps students to do well in academics and enables their holistic growth.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2370	277	1:9

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
269	271	3	6	18

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
2018	Mr. Ananthanagu, National level	Assistant Professor	Green Thinler Z Bright Educator Award
2018	Dr.N.V.Uma Reddy	Professor	Coordination of AICTE-ISTE aproved Induction Programme for faculties of Technical Institutions by AICTE-ISTE
2018	Madhumohan R	Assistant Professor	Young Researcher Award by AIIMS
2018	Dr Shashishankar A	Professor	Excellence in Technical Education Research Consultancy by Hon'ble Justice Mr Santosh Hedge
2018	Dr.Roopa	Associate Professor	Young women in Science by Venus International Foundation
		[View File]()	

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
MCA	MCA	6 Sem	18/05/2019	07/04/2019

MBA	MBA	4 Sem	20/07/2018	10/09/2018
Mtech	EPS	4 Sem	14/08/2019	01/09/2019
Mtech	SCS	4 Sem	07/06/2019	19/07/2019
BE	CV	8 Sem	04/06/2019	23/08/2019
BE	EEE	8 Sem	04/06/2019	23/08/2019
BE	ME	8 Sem	04/06/2019	23/08/2019
BE	ECE	8 Sem	04/06/2019	23/08/2019
BE	ISE	8 Sem	04/06/2019	23/08/2019
BE	CSE	8 Sem	04/06/2019	23/08/2019

[View File](#)

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)

1. University publish Academic Calendar for respective academic year in the beginning of academic year comprising of semester start date, end date, start and end of practical and theory examination and list of holidays. 2. Institute prepares its own calendar of events in line with the University calendar of events under the leadership of Principal, participation of all department HODs and various coordinators one month before the commencement of semester. 3. Institute calendar of events comprises of Three IA test dates, Internship dates, Seminar, Project, viva voce dates, inter collegiate and Intra collegiate fest, Alumni meet, Parent-Teacher meetings, Graduation day, First year Inauguration day, Women's day, Teacher's day etc. 4. It is communicated to all the departments. 5. Department prepares its own Calendar of Events adding dates for departmental events such as Seminars, Proctor Meeting, Industrial Visits, IA tests, Project Reviews, Conferences, Workshops, and Department Meetings etc. to proceed in the right direction 6. It is communicated to all the stakeholders through college website, department Blog and Mobile App. 7. Calendar of Events is strictly followed during the semester. 8. All the Saturdays are utilized for Co-Curricular events to cover Contents beyond Syllabus. 9. There is an academic

monitoring committee appointed by the Principal/HOD who monitors the day- to-day conduct of the lectures based on the time table. 10. Academic calendar is uploaded in college Website. 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://www.amcgroup.edu.in/AMCEC/image/gallery/PO_PSO_CO_AY_18_19.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
MCA	MCA	Computer Applications	31	31	100
MBA	MBA	Business Administration	36	34	94
VLSI	Mtech	Electronics and Communication Engineering	2	1	50
CSE	Mtech	Computer Science Engineering	6	6	100
CV	BE	Civil Engineering	51	49	96
EEE	BE	Electrical and Electronics Engineering	20	19	95
ME	BE	Mechanical Engineering	162	154	95
ECE	BE	Electronics and Communication Engineering	113	112	99
ISE	BE	Information Science Engineering	81	81	100
CSE	BE	Computer Science Engineering	142	139	98
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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)

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https://www.amcgroup.edu.in/AMCEC/image/ECE/SSS_18-19.pdf

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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	2	IEI	0.2	0.2
Minor Projects	365	VTU	0.6	0.6
Minor Projects	365	KSCST	1.18	1.18
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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
Workshop/internship program on IoT and Image processing	Electronics Communication Engineering	09/07/2018
Web Programming	Computer Science and Engineering	16/07/2019
Seminor On Cad/Cam, Using Solid Works"	Mechanical Engineering	24/08/2018
Seminar On"3D Printing Technology"	Mechanical Engineering	28/08/2018
Seminar On"Industrial Automation And Robotics"	Mechanical Engineering	29/08/2018
Seminor On"Bbeta CAE System"	Mechanical Engineering	31/08/2018
Seminar On"Potential Skill And Dovelopment"	Mechanical Engineering	05/09/2018
ICT Tools-Margadarshan Scheme	Computer Science and Engineering	15/09/2018
Seminar On"CAD and Tool test"	Mechanical Engineering	20/09/2018
National Level Technical Symposium	Electronics Communication Engineering	02/11/2018
Seminor On CAD	Mechanical Engineering	15/10/2018
FDP ON NBA AWARENESS QUIKLRN ENABLED TLP.	Civil Engineering	03/02/2019
Seminar On"PLM Software"	Mechanical Engineering	06/02/2019
Seminar on "SAP"	Mechanical Engineering	06/02/2019

Seminar On"Potential Idea Development and Patent "	Mechanical Engineering	12/02/2019
Seminar on big data analytics	Computer Science and Engineering	13/02/2019
Seminar on Web and UX	Computer Science and Engineering	15/02/2019
Mobile App Development	Computer Science and Engineering	16/02/2019
FDP ON ADVANCED SURVEYING TECHNOLOGIES USING TOTAL STATION	Civil Engineering	16/02/2019
Seminar On"Edu Cadd"	Mechanical Engineering	27/02/2019
Seminar on "Industrial Skill Development and Internship Program	Computer Science and Engineering	27/02/2019
Seminar on Microsoft Technologies	Computer Science and Engineering	06/03/2019
Seminar On"Apex"	Mechanical Engineering	12/03/2019
Seminar On"Apex"Higher Education	Mechanical Engineering	13/03/2019
How to conduct patent and Prior Art Search live streaming by KSCST IISC	Mechanical Engineering	11/05/2019
Mobile App Development	Computer Science and Engineering	01/03/2019
Creating Augmented Realities	Civil Engineering	01/04/2019
Workshop/internship program on Fundamentals of Machine Learning(Audio processing image processing)	Electronics Communication Engineering	17/01/2019
Workshop has been conducted on Fundamentals of Machine Learning(Audio processing image processing)	Electronics Communication Engineering	17/01/2019
ICT Tools Effective Research	Computer Science and Engineering	28/01/2019

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
Contribution and achievement in the field of Physics and Electronics	Ms. Roopa V	Venus International Foundation	14/03/2018	Young Woman in Science
Best paper presentation award	Ms.Srividhya Ganesan	AMCEC	15/04/2018	Paper Presentation

Campus Ambassador internship	Arbaaz Khan	IIT Guwahati through internshala.	08/08/2018	Intership
PRIOR HEART ATTACK / STROKE DETECTOR	Prof. Madhu Mohan R	AIIMS, Rishikesh	15/12/2018	3rd place
YOUNG RESEARCHER	Prof. Madhu Mohan R	AIIMS, Rishikesh	15/10/2018	Innovations And Patent Category
Best Student Award	Amrithaa L A	Indian Society for Technical Education (ISTE)	25/10/2018	ISTE
PLANTRONIC	Monica Zavier , Sadiq Ahmed , Yamuna S, Sirisha P	International Project Competition VIVID2018, SSN College of Engineering	04/12/2018	Won 2 nd place, received cash prize of 7,500/- "International Project Competition VIVID2018, SSN College of Engineering, Chennai
Hackathon competition	Amit Prasad and Tejas V. M	Rotary club of Bangalore in association with NSRCEL-IIMB	10/02/2019	Project competition
National level vehicle Design Competition	Tejesh and Sourabh	Buddhi 2k19	15/03/2019	Gold Award
Design and fabrication of pedal operated E-Tricycle with auto charging	Prof. Anurag virendra srivastava	KSCST. IISC, BANGALORE	27/03/2019	Sponsored Project
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	Nil	Nil	Nill
View File					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	5	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
Mechanical Engineering	3
Computer Science Engineering	5
Electronics and Communication Engineering	1
Civil Engineering	1

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)
National	Civil Engineering	1	0.5
International	Mechanical Engineering	13	1.83
International	Computer Science Engineering	32	12.5
International	Electronics and Communication Engineering	12	0.67
International	Information Science Engineering	21	0.68
International	Civil Engineering	3	0.5
International	Electrical and Electronics Engineering	4	0.5
International	Chemistry	16	0.98

View File

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
Master of Computer Application	4
Master of Business Administration	1
Electrical and Electronics Engineering	1
Civil Engineering	15
Electronics and Communication Engineering	12
Computer Science Engineering	22
Mechanical Engineering	12

View File

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	Number of citations excluding self

					the publication	citation
Security Framework for SWS Using IoT	P Bindhu Madhavi, Rahul B and Rintumol M Thomas	IJSART-International Journal for Science and Advance Research in Technology	2018	0	AMCEC	0
Forecasting Volatility with LSTM Techniques	Basavaraj S Patil	International Journal of Science and Research (IJSR)	2018	0	AMCEC	0
Fabrication and Mechanical Characterization of Bio-composite Helmet	Girisha C, B. Bharath, G, Chethan Kumar and S. Anand Kumar	Materials Today: Proceedings, Elsevier	2018	4	AMCEC	0
Effect of Cooling Water on the Performance of Lithium Bromide-Water (LiBr-H2O) Absorption Based Heat Pump	Girisha C, S. Manu and T. K. Chandrashekar	International Journal IOP Conference Series: Material Science and Engineering	2018	1	AMCEC	0
Smart Turn Indicators	Girisha C, Madhumohan R and Ankit Kumar Sinha	International Journal IOP Conference Series: Material Science and Engineering	2018	0	AMCEC	0
Behavioral Studies of Myoware Sensor During Automated Prosthetic	Girisha C and Madhumohan R	STM Journals	2018	0	AMCEC	0

Title of the Paper	Name of Author	Title of journal	Year of publication			
Mechanical Characterization of ceramic nano-B4C-Al2618 alloy composites synthesis by semi-solid state processing	Madeva Nagaral, Shivananda B K, Virupaxi Auradi and S A Kori	Transactions of Indian Ceramic Society (Taylor Francis)	2018	0	AMCEC	0
Mode I Fracture Characterization of Banana Fibre Reinforced Polymer Composite	Premkumar Naik	IOP Conf. Series: Materials Science and Engineering	2018	0	AMCEC	0
Study of Mechanical Properties of Coconut Shell Powder and Tamarind Shell Powder Reinforced with Epoxy Composites	Somashekhar T M and Premkumar Naik	IOP Conf. Series: Materials Science and Engineering	2018	0	AMCEC	0
Dry Sliding Wear Behaviour of Aluminium 6061-SiCGraphite Particulates Reinforced Hybrid Composites	Madeva Nagaral , V Auradi , K Parashivamurthy, Shivananda B K and S A Kori	IOP Conf. Series: Materials Science and Engineering	2018	0	AMCEC	0

[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

Security Framework for SWS Using IoT	P Bindhu Madhavi, Rahul B and Rintumol M Thomas	IJSART-International Journal for Science and Advance Research in Technology	2018	0	0	AMCEC
Forecasting Volatility with LSTM Techniques	Basavaraj S Patil	International Journal of Science and Research (IJSR)	2018	0	0	AMCEC
Fabrication and Mechanical Characterization of Bio-composite Helmet	Girisha C, B. Bharath, G, Chethan Kumar and S. Anand Kumar	Materials Today: Proceedings, Elsevier	2018	27	0	AMCEC
Effect of Cooling Water on the Performance of Lithium Bromide-Water (LiBr-H2O) Absorption Based Heat Pump	Girisha C, S. Manu and T. K. Chandrashekar	International Journal IOP Conference Series: Material Science and Engineering	2018	31	0	AMCEC
Smart Turn Indicators	Girisha C, Madhumohan R and Ankit Kumar Sinha	International Journal IOP Conference Series: Material Science and Engineering	2018	31	0	AMCEC
Behavioral Studies of Myoware Sensor During Automated Prosthetic Implementa	Girisha C and Madhumohan R	STM Journals	2018	5	0	AMCEC

tion						
Mechanical Characterization of ceramic nano-B4C-Al2618 alloy composites synthesis by semi-solid state processing	Madeva Nagaral, Shivananda B K, Virupaxi Auradi and S A Kori	Transactions of Indian Ceramic Society (Taylor Francis)	2018	15	0	AMCEC
Mode I Fracture Characterization of Banana Fibre Reinforced Polymer Composite	Premkumar Naik	IOP Conf. Series: Materials Science and Engineering	2018	31	0	AMCEC
Study of Mechanical Properties of Coconut Shell Powder and Tamarind Shell Powder Reinforced with Epoxy Composites	Somashekhar T M and Premkumar Naik	IOP Conf. Series: Materials Science and Engineering	2018	31	0	AMCEC
Dry Sliding Wear Behaviour of Aluminium 6061-SiCGraphite Particulates Reinforced Hybrid Composites	Madeva Nagaral , V Auradi , K Parashivamurthy, Shivananda B K and S A Kori	IOP Conf. Series: Materials Science and Engineering	2018	31	0	AMCEC
[View File](#)						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	8	104	15	10
Presented	69	15	4	0

papers				
Resource persons	0	2	2	2

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
Ayurvedic workshop	AMCEC	20	80
Life skill training by yuvaspandana	AMCEC	30	120
Go green initiative	AMCEC	20	80
Flood relief fund	AMCEC	15	120
One nation youth celebration	AMCEC	5	100
Survey of govt school	AMCEC	5	100

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
Nill	Nill	Nill	0

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 bharath	AMCEC	Cleaning of AMCEC Campus	5	100
Blood Donation camp	AMCEC	awareness	40	60
Eco Ethics day	AMCEC	awareness	20	40

View File

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
Coursera On-line	2 Maths Faculty	AMC Engineering	56

Courses	from AMCEC	College	
NPTEL On-line Courses	3 Maths Faculty from AMCEC	AMC Engineering College	56
NPTEL On-line Courses	1 Maths Faculty from AMCEC	AMC Engineering College	28
Research Publication	1 Maths Faculty from AMCEC & 2 Faculty from JNTUA &SJCIT	AMC Engineering College	365
Research Publication	1 Maths Faculty from AMCEC & 2 Faculty from Bangalore Univ.& PES Univ.	AMC Engineering College	365
Research Publication	1 Maths Faculty from AMCEC & 1 Faculty from Gayatri Vidya Parishat	AMC Engineering College	365
NPTEL on-line courses	1 Faculty from EEE Dept., AMCEC	AMC Engineering College	84
NPTEL on-line courses	4 Faculty from AMCEC	AMC Engineering College	56
Coursera On-line Courses	9 Faculty from AMCE	AMC Engineering College	42
NPTEL Online Courses	1 Faculty from MBA Dept AMCEC	AMC Engineering College	56

[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	Aapto solutions	02/01/2019	28/02/2019	13
Internship	Internship	Techciti, Bengaluru	02/01/2019	28/02/2019	8
Internship	Internship	health5c wellness solutions	03/01/2019	31/03/2019	1
Internship	Internship	illaczen technolgies	02/01/2019	28/02/2019	17
Internship	Internship	Crazypi	02/01/2019	28/02/2019	4
Internship	Internship	Digiadd technologies	02/01/2019	28/02/2019	1

Internship	Internship	Metamor Technologies	03/01/2019	31/03/2019	23
Internship	Internship	HAL, Bengaluru	02/01/2019	28/02/2019	3
Internship	Internship	Qual Cubes Pvt. Ltd	21/01/2019	28/02/2019	5
Internship	Internship	Aarika Infosystems Pvt. Ltd	02/01/2019	28/02/2019	10
View File					

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
Malve Precision Components	30/04/2019	Training Program	10
ACHMM-india	22/03/2019	Facilitating Identification Of Students For Possible Placement In Various Construction Companies Including Internships For Students	27
Volunteer Timebank	05/06/2019	To motivate enterprenurship, to offer UG and PG cources	28
NextUp	10/09/2019	Conducted Workshop on AR and VR, Seminar on Machine Learning	30
CISCO	29/04/2019	Faculty have undergone training programs on Networking, Students have also been given training towards CCNA certification	58
Tequed Labs Pvt. Ltd.	28/03/2019	Conducted Skill development program(offline and online) in topics of Artificial Intelligence and Internet of ThIngs, followed by Internship	155
KGTTI, Bengaluru	23/11/2018	Training Program	10

Toyota Kirloskar Motors (TKM)	10/01/2019	Product Development	10
Aquaril India Private Ltd	04/02/2019	Product Development	10
View File			

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
800	603

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
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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
Easy Lib	Fully	6.2a Web Version Up graded	2018
Easylib	Fully	4.3.2 Up graded to Multi user & New Version	2007
Easylib	Partially	3.7 Single user software License	2002

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	61178	26194367	2519	2128354	63697	28322721
Reference Books	9310	7121432	95	75152	9405	7196584
e-Books	10	0	12	48198	22	48198
Journals	8611	5251760	1681	1808250	10292	7060010

e-Journals	1	140140	0	13570	1	153710
Digital Database	3495	0	15	0	3510	0
CD & Video	1	70200	0	80004	1	150204

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	Nill

View File

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	909	669	600	32	140	11	34	155	0
Added	0	0	0	0	0	0	0	345	0
Total	909	669	600	32	140	11	34	500	0

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

<div align="center">

500 MBPS/ GBPS

</div>

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
VTU E-shikshana	https://www.amcgroup.edu.in/AMCEC/image/NAAC/Cr4_4.3.4._%20E-Shikshana.pdf

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
200	186	650	570

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 an6 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. 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, maintained by Electrician and team. Sewage Treatment Plant (STP) is installed in the campus near the Boys Hostel, to recycle the used water. The recycled water is used for Landscaping purpose. Maintained by Facility manager and team. Institution provides Transportation facilities for Faculty Students to various main locations of the City. The Transportation is maintained by a Transport Officer and team inside the Campus. Institution has a well maintained 9 buses for Faculty Students, 4 cars are available for authorities to commute with ease. Buses are made available for Local industrial visits and extensive survey camps recommended by Heads/Principal/Management.

https://www.amcgroup.edu.in/AMCEC/image/NAAC/AQAR2018-19/4.4.2_Procedures_and_policies_for_maintaining_and_utilizing_physical,_academic_and_support.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	Concession in Tuition Fees, Concession in Admission Fees, Freeship(Free Seat) and Alumni Association	80	2512190

	Scholarship		
Financial Support from Other Sources			
a) National	**State GOK Social welfare, OBC, Supernumerary quota, PMSS, Defense scholarship, DTE**	**1291**	**35684890**
b)International	**Nil**	**0**	**0**
	[View File](#)		

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
English Grammer,Group Discussion,Goal Setting,	**30/07/2018**	**437**	**ASK (ACADEMY FOR SKILLS AND KNOWLEDGE) BY ZANE zanecuxton@gmail.com, Http://www.globalfacereaders.com**
Communication Skills,Confidence building,Stress Management,Team Building	**09/08/2018**	**437**	**JV Global for Soft Skills**
Manegerial Skills/Leadership Skills/Presentation Skills,Time Management, Creative Skills	**16/08/2018**	**432**	**JV Global for Soft Skills**
Effective Communication,Written Communication	**03/08/2018**	**437**	**ASK (ACADEMY FOR SKILLS AND KNOWLEDGE) BY ZANE zanecuxton@gmail.com, Http://www.globalfacereaders.com**
Company Specific Training	**04/09/2018**	**450**	**JV Global for Soft Skills**
Email Etiquettes, Interview Skills/personality Enrichment/Mangeria l Skills	**06/09/2018**	**437**	**ASK (ACADEMY FOR SKILLS AND KNOWLEDGE) BY ZANE zanecuxton@gmail.com, Http://www.globalfacereaders.com**
Spoken English Classes	**09/12/2018**	**590**	**Dr.Rohith English Department (Humanities and Science Dept)**
Addressing the students on the	**09/12/2018**	**590**	**Individual Faculty-in-charge,**

aspects of Mentoring and resposibilities			HOD, Class Co-ordinators Mentors
Addressing the prerequisite for the specfic subject	09/09/2018	590	Faculty members handling subject of each Department, Department of Mathematics, AMCEC
Meditation Classes	03/01/2018	120	1.The life skill training by Yuva spandana
View File			

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
2018	IAS coaching / KAS Coaching/ GATE Coaching/ GRE /TOEFL Coaching/Comm unication Coaching/ Entrepreneur Training program	598	838	1	329
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		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Infosys IBM [24]7.ai Ideas91 Aptean Axis bank INFOGAIN	2377	241	Mindtree Capegemini Toshiba Wipro Accenture CleverTap	93	63

Nineleaps PEOL Technologies Pvt Ltd Unisys value labs Quinnox STHIRA CONST RUCTIONS NAGESH CONSULTANTS VIVEKANANDA SWAMY NAIDU VOLUNTEER TIME BANK CONSULTANTS SHAHED K MECCAI ARCHITECTS GSG Accen			Advanced Structures India Pvt Ltd ITC Infotech Krazy Bee Thoughtclan Sree Vinayaka Enterprises TCS Quinnox Vellvette Lifestyle Pvt Ltd PowerUP BEML Ltd Joulesto Watts Covalense Dazeworks Tec		

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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	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	1	BE	Information Science Engineering	University of kingsville	MS
2019	4	BE	Electronics & Communication Engineering	Reva University BMS AMRUTHA UNIVERSITY UNIVERSITY COLLEGE DUBLIN	VLSI design and Embedded system Digital comm unication VLSI MSC project management
2019	2	BE	Electrical & Electronics Engineering	ISBR Business School Dayananda sagar college of engineering	MBA Mtech-PE
2019	3	BE	Civil Egineering	REVA UNIVERSITY SJBIT, BENGALURU, VTU Dr AIT , VTU	M.TECH M.TECH M.TECH
2019	4	BE	Mechanical Engineering	FH AACHEN UNIVERSITY	Mechatronics

| 2019 | 9 | BE | Computer Science Engineering | RMIT University, Australia Jain University Lovely Professional University University of Texas University of Groningen, The Netherlands Northern Arizona University, USA University of Calfornia, Riverside Rennes School of Business, France University of | MS Computer Science MBA M.Tech (Software Engineering) MS Computer Science MS Computer Science MS Computer Science MS Computer Science MSc Data Business Analytics MS Computer Science |

The first (top) row, continued from the previous page, reads:

| | | | | OF APPLIED SCIENCE, GERMANY WELKOM SCHENGEN UNIVERSITY EUROPE Coventry University, UK, RWTH - Aachen University, Germany, | MS M.Sc. in Automotive Engg. M.Sc. in Supply Chain Management |

[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
Any Other	13
GATE	10

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

Activity	Level	Number of Participants
Freshers and farewell party	Institutional	120

Yoga and short movie competition in Art of living	Institutional	75
Ethinic Day celebration	Institutional	100
childrens day celebration	Institutional	100
Debate Competition	Institutional	25
Melange 2K19-Intercollegiate Fest	Intercollegiate	600
Photography Competition	Institutional	78
Womens Day Celebration	Institutional	150
Teachers Day Celebration	Institutional	600
Ethnic Day Celebration	Institutional	500
View File		

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
2018	2nd Place	National	1	Nill	1AM15CS164,1AM15CS221, 1AM17CS049	SAURAV B V, YASWANTH J K, DEVANSHU SHEKHAR
2018	2nd Place	National	1	Nill	1AM15CS018	AMRIT PRASAD
2018	1st Place	National	1	Nill	1AM17ME075	LOHITH M
2018	Gold	International	1	Nill	1AM17ME075	LOHITH M
2018	Silver	National	Nill	1	1AM16EC153	VITAL POOJERI
2018	Silver	National	Nill	1	1AM16CS002	ABHISHEK
2018	2nd place	National	Nill	1	1AM17CS036	BHARAT SINGH
2018	Runner up	National	Nill	1	1AM15CS018	AMRIT PRASAD
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Students constitute a major stakeholder in the institute growth. The institute maintains an excellent affinity with the student community. The opinions and perspectives of the students are paid attention to by the institutional

authorities. Some of the bodies/committees that have student representation with student activity are as follows. Course Coordinator Committee In every program, for every subject there is a course coordinator committee represented by students from each class. This committee has also faculty representation. The inputs from the students are taken into consideration. This committee conducts meeting 4-5 times in a semester and it discusses and passes resolutions on the following: ? Framing the course outcomes and setting target levels ? Analysis of assessment test results ? Syllabus for cycle tests Anti-sexual Harassment Committee / Anti-ragging Committee The committee members are appointed from each department and students are also the part of this committee. The student member interacts with other students and visits the hostel, canteen and other places along with the faculty to provide awareness regarding ragging free atmosphere and gender sensitization. Sports / Cultural Committee The sports events are coordinated and organized by the student member of the sports committee. College teams are formed to take part in VTU competitions and other intercollegiate competitions. Students are participating in KSCA Cricket league every year. During cultural fests like Colosseum and Mélange, students form committees of their own for various purposes and conduct periodic reviews before the commencement of the festival. They collect the funds through advertisements and manage the same. Tasks like crowd controlling, discipline, safety and security during the conduct of the events are efficiently handled by the students. Alumni Association Alumni association promotes and fosters the relationship between the Alumni, present students, the Staff and Management with an objective of exchanging ideas which benefits mutually in achieving excellence and professional competence. The member of this committee are the passed out students. Alumni shares their technical knowledge and experience with the present students. E-Cell Committee The E-cell-IGNITE was established in the year 2016 and this works in collaboration with National Entrepreneurial Network. This committee is managed by the students with the support of the faculty members. Every week, the student coordinators conduct one-hour session on Entrepreneurship to train the students to become a successful Entrepreneur. NSS Committee The NSS student volunteers from different departments actively participate in organizing the events like Republic Day, blood donation camp, Ayurvedic Workshop, etc. The NSS volunteers work in rural areas to the serving the cause of society through survey, education and health awareness programme. Recently, student volunteers from each department have gone to Madalu village-Arsikere for 6 days NSS program. Students formed various teams for cleaning, teaching, cooking, election campaigning, Maintenance, and cultural. They organized the events like Government School, Village and Temple cleaning, Girls Awareness Program, and Campaigning about election. INCUBE Incube is a multifaceted club which concentrates on over all development of student nurturing them in every single aspect of their career. Student from different departments associately work

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 with Registration 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 Association 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. 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:
800

5.4.3 – Alumni contribution during the year (in Rupees) :
400000

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 withSociety 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 association functions and operates as mentioned in the Bye-laws, such as conducting technical programmes, arranging lectures by eminent persons, publishing alumni newsletter,and organizing cultural, literary sports activities. Every year second Saturday of December, the Alumni meet will be organised. The Alumni meet is hosted by the management generously and the Alumni are honoured with mementos. On 21st December 2019, the annual Alumni Meet was organised at 10.30 AM. It was started with the invocation song by Prof. Srividhya Ganesan. Alumni meet 2019 was inaugurated by Chief Guest Dr. K.R. Paramahamsa, Chairman ,AMC-CITY BROOKLYN group of institutions. More than 250 alumni participated in the Alumni meet 2019. The welcome speech was delivered by Dr. A. G. Nataraj, Principal, AMCEC President of Association. The dignitaries on the dais were introduced to the gathering by him and he also welcomed the Heads of the department, Alumni and staffs of AMC Engineering College. The Guest of Honor was, Mr. Rakesh Chatra, Department of ISE, 2012

batch, Game Developer and Freelance Actor, Bengaluru. He was felicitated by our Chairman Dr. K. R. Paramahamsa with shawl and memento. Prof. P.B Manoj, Secretary, Alumni Association presented the Annual report. He shared details of the Amount collected last year from registration of passed out students and also gave brief idea of expenditure of the amount. The alumni sponsor scholarship every year to meritorious students of all branches who are economically weak through the alumni association. Scholarship of Rs. 5000/- is given to one student from each department who is selected by the respective department Head. At the end, Alumni shared their experiences, knowledge and adviced the students. Through these a strong bond is created between the passed- out students and the current batch. Vote of Thanks was delivered by Prof. Mushtaq Ahmed D.M., Alumni member. Function was wound up with a delicious lunch. In 2018-19 1 event was conducted in AMCE on 08-12-2018with 210 participants In 2018-19 2 events were conducted in CSE Dept. on 09/03/2019 11/08/2018 with 120 participants In 2018-19 2 events were conducted in ECE Dept. on 10/03/2018 08/09/2018with 40 participants In 2018-19 2 events were conducted inISE Dept. on 15/09/2018 16/03/2019 with 71 participants In 2018-19 1 event was conducted in EEE Dept. on 16-03-2019with 9 participants In 2018-19 1 event was conducted in CIVIL Dept. on 14-12-2019with 40 participants In 2018-19 2 events were conducted inME Dept. on 15/09/2018 16/03/2019with 45 participants In 2018-19 1 event was conducted in MBA Dept. on 20-05-2018with 15 pa

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 a participative management at all levels. Decisions of management are implemented afterdiscussing in the BOG. Principal takes opinions and suggestions of HODs in the meetings. HODs conduct departmental faculty meetings monthly to discuss all academic issues, innovations, requirements and opinions are sought. 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 transparently considering the joint consensus of all the concerned and decisions are taken for implementation The case study of the preparation of Academic Planner, time tablesubject allocation The institution functions with the method of decentralized governance system. The head of the department has been bestowed with the authority of deciding the activities and delegating the responsibilities to the staff members. The department decides timetable, subject allocation, purchase and maintenance of equipment and consumables, organizing conferences, symposia, guest lectures and workshops and recommends necessary industrial visits, in-house trainings, internships and M o Us. The institution is functioningeffectiv elywiththecultureofparticipativemanagementwhichenablesthefacultyandstudents to give their opinion and suggestions for improvement. All the academic activities are decentralized and decisions are taken based on discussion and deliberations in the class committee meetings, department meetings, faculty meetings, HODs' meetings with Principal. The Principal coordinates with the departments, administration and management.. Every year Academic Calendar is prepared at the closure of the previous academic year in accordance with the University Academic Calendar. Principal will convene the HODs' meeting., Dean, HODs,Training Placement, Librarian and Director of Physical education will attend the meeting. The schedule of the following will be discussed and finalized in accordance with the schedule received from affiliating university

? Re-opening for the next academic year, Working days / test days / Conferences/ Department Symposium /Association activities ? IEEE, ISTE, SAE, ACCI and CSI activities/ Guest Lectures ? Video Classes/ Industrial Visits /Internships /Placement Training ? Internal Quality Audits/ External Audit ? FDPs / Workshops / IQAC Meetings/FDP Meetings ? Mini Project Exhibition – III years ? Project Exhibition – Final year ? Project Exhibition – First year ? Blood donation camp, NSS camp and NCC camp ? College / University Sports/ College Functions like Induction Day, Women's Day, Engineers' Day, Teachers' Day, National Science Day, Sports day, College day, Cultural activities like Colosseum, Mélange, and Graduation Day etc. The schedule approved by the Principal will be sent to Chairman for approval. After receiving the approval, permission will be granted for the committees concerned for the preparation of Academic Calendar. Further, student club activities are designed as and when the academic calendar provides the available time. Smart class rooms, Seminar Halls, Placement room are the venues for the above mentioned activities.

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
Curriculum Development	The Institution follows a well-established system for efficient curriculum delivery. On the basis of the Affiliating University's Academic calendar of Events, a Committee prepares the college level academic calendar and thereafter a departmental level Calendar of Events and Time-Table is prepared. The Departmental level time-table is prepared teacher wise, class wise and subject-wise. Academic calendar is prepared to fulfill the objectives of the curriculum delivery. Each department undertakes Competency mapping of its teachers. Regular and timely feedback is obtained from students regarding faculties, course outcomes and content delivery.
Teaching and Learning	To enhance the Teaching Learning process, Interactive lecture methods have been adopted using latest teaching aids like Computers, LCD slide projectors, charts, models, maps etc. The highly interactive lectures are supplemented with extempore group discussions, tutorials, assignments, field projects, seminars, and student paper presentations. All the Department have adopted experiential learning methods like laboratory work, building models, industrial visits, fests etc. with great success. Most of the departments are equipped with state-of-the-art infrastructure.

Examination and Evaluation	The IQAC monitors and periodically evaluates the activities of the Examination Cell to ensure continuous and comprehensive evaluation of students and for the timely conduction of examinations. All instructions pertaining to examination is sent to all students and parents regularly. For continuous internal evaluation, the parameters considered are student's unit test performances, projects, internships, and assignments along with co-curricular achievements.
Research and Development	To foster an RD climate, Faculties have published many UGC Recognized research papers and Books. Plagiarism software has been purchased by the institution. Teachers and students have presented papers in various national and international conferences. Faculties have been recognized and awarded for their talent in teaching. Innovations and the Incubation Centre have been given utmost importance. Students are encouraged and supported to go for Start-Ups. Interdisciplinary research is encouraged among faculty and students with Industry. A separate department has been instituted to encourage interdisciplinary research. Institution has also established MOUs with Industries.
Library, ICT and Physical Infrastructure / Instrumentation	During the year 2018-19, Academic facilities, sports facilities and ICT enabled classrooms have been enhanced. For the last five years from 2013-18 Library automation has been updated by equipping it with e-softwares such as e-journals which has greatly enabled research. Additional books are purchased every year. Regularly, journals and newspapers are subscribed. Newspapers in both English and in a regional language are subscribed for the benefit of both faculties and students. Engineering and Post graduate libraries are equipped with computers to facilitate browsing in the library.
Human Resource Management	The College has established well defined administrative and academic departments. Service files and records of the staff members are being maintained. Various committees like grievance redressal committee, staff welfare committees, sexual harassment elimination committee have been set up for the welfare of employees. An on

	campus doctor is available to provide any medical aid to faculties and students. Through group insurance policies faculties and students are insured. Faculties are motivated to participate in FDP, seminars, conferences, workshops, refresher orientation courses etc. Basic Computer training programs are conducted for Non-teaching staff.
Industry Interaction / Collaboration	Governing Council and the IQAC have Industry experts as members who regularly provide their valuable inputs and suggestions which are often implemented. Placement cell provides pre-placement training to bridge the gap between students' skills and industry needs. Companies like Allegion, Capgemini, Concentrix, Infosys BPM, Vantage Agora, TCS and Wipro Technologies have done campus placements and many of the students have been participated. Students also get placed through Off-campus drives like 'pool campus drives' in the final semesters itself. Industry experts are regularly invited to share their knowledge and interact with students.
Admission of Students	For UG admissions College follows the admissions guideline as prescribed by the affiliating University by following the merit list reservation policies. For PG students, admission takes place based on the criteria of entrance examinations/counseling conducted by KEA or by Government/Affiliating University. Also for PG Admissions, College follows the admission norms prescribed by the State Government in admitting 50 percent of the students through Government quota. Remaining 50 percent of the seats are filled by the management by exercising its privilege to fill the seat.

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

E-governace area	Details
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. Integration of mail access in CAMPUS portal. 4. SMS dissemination module integration. 5. Student attendance and progress reports made available with ERP system. 6. Digitized library system with separate account for every

	student.
Examination	1. Creating question papers on DHI software. 2. Selecting question types. 3. Conducting quiz and assignments through DHI. 4. CIE marks can be viewed by the students in ERP software. 5. Exams are conducted according the university Rules and Regulations.
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.
Administration	Administration of faculties and students are implemented through the ERP software called DHI. Which has SMS based information dissemination
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.

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
2018	Prof Asha Manek	Python for data science - NPTEL	Nill	600
2018	Prof Asha Manek	International Journal of Engineering Research Techno logy(IJERT) - Research paper publication	Nill	1350
2018	Prof Vineeta	International Journal of Engineering Research Techno logy(IJERT) - Research paper publication	Nill	1350

2018	Prof Vineeta	Faculty development Programme on Machine Learning	Nill	625
2018	Prof Asha Manek	Faculty development Programme on Machine Learning	Nill	625
2018	Prof. V R Srividhya	International Conference on Recent trends on Electronics, information, Communication Technolgy	Nill	4500
2018	Prof Asha Manek	International Conference on Information Processing	Nill	2500
2018	Prof Asha Manek	National Conference n Information Communication Technology	Nill	250
2018	Prof. Nandita	International Conference on Recent trends on Electronics, information, Communication Technolgy	Nill	3500
2018	Prof Vineeta	National Conference n Information Communication Technology	Nill	250
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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)
2018	Faculty Development Programm on Web Technologies	Nil	16/07/2018	18/07/2018	40	Nill

2018	Faculty Development Programm t Programm on ICT Tools	Nil	15/09/2018	15/09/2018	62	Nill
2019	Faculty Development Program t Program on ICT Tools and Active Research	Nil	28/01/2019	30/01/2019	58	Nill
2019	Nil	Workshop on Effective Communicat ion	10/04/2019	10/04/2019	Nill	30
2018	Faculty Development Programm t Programm onICT Enabled Technology	Nil	15/09/2018	15/09/2018	52	Nill
2018	Hands on session on Quiklrn	Nil	19/09/2018	19/09/2018	44	Nill
2019	Hands on session of ICT Tools	Nil	06/02/2019	20/02/2019	57	Nill
2019	FDP on Thin Film and Its Ap plications	Nil	16/02/2019	16/02/2019	62	Nill
2019	Faculty awareness program on Research d evelopment	Nil	16/03/2019	16/03/2019	59	Nill
2018	Faculty Training on ICT Enabled Teaching	Nil	11/01/2018	11/01/2018	49	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
FDP on big data analytics	6	18/01/2019	20/01/2019	3

with iot				
Aicte sponsored share and mentor initutions(margdarshan) scheme	1	04/02/2019	04/02/2019	1
Workshop on NBA and NAAC ACCREDITATION PROCESS FOR TECHNICAL INSTITUTIONS (MSRIT AICTE)	1	10/12/2018	14/12/2018	5
Workshop on Network Data Analytics-A hands on approach for application development (MSRIT)	3	01/07/2019	05/07/2019	5
Helping our students get through college (GAT VTUNIMHANS)	1	21/01/2019	25/01/2019	5
FDP on data science and dee plearning(RVCE)	1	15/07/2019	26/07/2019	12
Ict tools and effective research (amc)	25	28/01/2019	30/01/2019	3
Workshop on InfyTQbased Foundation Program conducted by Infosys Limited at Global Academy of Technology, Bangalore	1	22/07/2019	26/07/2019	5
Short term course on cisco networking (CISCO Networking Academy, Coimbatore)	2	24/06/2019	05/07/2019	11
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	

Permanent	Full Time	Permanent	Full Time
277	277	278	278

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)

Internal Audit: Internal audit is an ongoing continuous process done by Auditors of the trust every 6 months - Vouching of receipts and postings to ledger, TDS deductions, and payments, Scrutiny of scholarship disbursement registers, Preparation of receipts and payments and Submission of Audit report. External Audit: External Audit is conducted yearly by Muralidharan Manogaran and the last audit was on 28/10/2019. External agency thorough scrutiny of payments and receipts, Verification of head of accounts wise expenditure, Capital expenditure verification with bills, quotations received and comparative statements, The finalization of Balance Sheet by external auditors after examination of books.

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
Individuals StaffsStudents StaffsStudents TCS SPPL Karnataka State Cricket Association Lakme Yes Germany Travel Guide Amoeba Big barbeque GATE ACADEMY Real Cricket School Newish(standup Comedy)	11493167	Alumini Sponsorship Workshop-Innotronics Workshop- Web development Assessment Association Assessment Association SportsGames Melange Melange Melange Melange Melange Melange Melange Melange

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6.4.3 – Total corpus fund generated

2082500

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	Tier-1 Institution	Yes	Principal and Dean
Administrative	Yes	Tier-1 Institution	Yes	Principal and Dean

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

1. Parent -Teacher Committee is constituted at the institutional level, which plans for regular Parent -Teacher meets. 2. During First Year Students Induction Program, Parents are invited and addressed. 3. Parents give suggestions pointing out the weaknesses of their child which helps the teachers

to address problems faced by students in a more effective way. 4. Once in a year Feedback is collected from Parents regarding overall performance of the institution and their suggestions are taken into consideration for implementation.

6.5.3 – Development programmes for support staff (at least three)
1. Training on AutoCAD Software 2. Workshop on Effective Communication 3. International Day of Yoga 4. Hands on Basic Electrical Engineering Lab

6.5.4 – Post Accreditation initiative(s) (mention at least three)
Enhanced employability by implementing personality development programs, Value added certificate courses pre-placement training program for the students. • Career Guidance and Placement Cell strengthened. • Publication of Journals of international standards Upgraded library by subscription to e-journals. • Seminars, conferences and invited talks arranged for students Faculty Members.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
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
2018	FDP on Innovative pedagogy and effective teaching learning	04/01/2018	04/01/2018	05/01/2018	20
2018	AICTE-ISTE Induction Program for faculty of Technical Institutions	23/07/2018	23/07/2018	28/07/2018	60
2018	Digital Marketing Ce rtification Program	19/03/2018	19/03/2018	23/03/2018	24
2018	W/shop on NLP	27/01/2018	27/01/2018	27/01/2018	77
2018	Training on AutoCAD Software	06/11/2018	06/11/2018	06/11/2018	16
2018	Faculty Development Programm on Web Technologies	16/07/2018	16/07/2018	18/07/2018	40
2018	Workshop	09/12/2018	09/12/2018	09/12/2018	50

| 2018 | Faculty Development Programm on ICT Tools | 15/09/2018 | 15/09/2018 | 15/09/2018 | 62 |

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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	08/03/2019	08/03/2019	42	23
Stress Management with Yoga and Meditection	28/02/2019	28/02/2019	60	15

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
The institution has been replacing the traditional tube lights with LED lights in the past 5 years. This has led to a power saving of about 3536 units/year. Hybrid plant and few solar streetlight are installed in the surrounding premises of the institution. During 2018-19 a total of 46 No of CFL lights with rating of 36 W each were replaced with 16W LED lights, thus reflecting a total saving of 2156 units/annum. Similarly, replacement of 26 No of CFL lights with rating of 18 W each were replaced with 9W LED lights, thus reflecting a total saving of 548 units/annum. Thus total annual power saving 2704 units/year. ? Total power requirement of the institution is 250 KVA/ month ? Power requirement met by renewable energy sources – 21 KVA / month ? Renewable energy source is Hybrid Power plant(Solar and wind) ? Renewable energy generated and used – 21 KVA Grant / used 21 KVA ? Energy supplied to the grid – Nil

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	1
Braille Software/facilities	No	0
Ramp/Rails	Yes	1
Rest Rooms	Yes	1
Scribes for examination	Yes	1
Special skill development for differently abled students	No	0

Any other similar facility	Yes	1

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
2019	7	11	17/08/2019	1	Free Yoga Classes VENUE: AMC Campus Raksha Bandhan Programme VENUE: AMC Campus Flood Relief Fund VENUE: AMC Campus One student One Tree VENUE: AMC Campus International Day of Yoga VENUE: AMC Campus World Environment Day VENUE: AMC Campus NSS speci	Responsible stakeholder Responsible stakeholder Responsible stakeholder Trees plantation movement Responsible stakeholder A mission of cleanliness A mission of cleanliness Responsible stakeholder Responsible stakeholder A mission of cleanlin	2805

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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 Students	01/08/2018	The handbook is issued to every student.The handbook contains the

			information regarding Various Committees in the Institution(Academic Monitoring Committee/Disciplinary Committee/Internal Complaints Committee/Anti-Ragging Cell/ Anti-sexual Harrasment Cell/Campus Gardening Cell/E-Cell/Rajabhasha Cell/Campus Parking Cell.The information provided in the handbook regarding committees are the objectives, Committees roles and responsibilities,Committee Members,functions of the cell. Each committee will be headed by a Institution Co-ordinator. The department co-ordinators will be the committee members. Meetings are held regularly to make decisions, exchange opinions and make recommendations.
Service Rules for faculties	01/08/2018		The Governing Management holds the meetings to update the service rule handbook. The Service rule handbook consists of details regarding Faculty recruitment, Pay and other allowances,Performance Appraisal, Norms for availing Leaves, Code of Professional ethics along with duties and responsibilities of various cadres with regard to the student and Institution,Employee Provident Fund,Pension Scheme,Delegation of financial powers,Travel Expenses Reimbursement,Sexual Harrasment Prevention Policy.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants

Makara Sankranthi	15/01/2018	15/01/2018	40
Holi	01/03/2018	01/03/2018	100
Bakrid	22/08/2018	22/08/2018	50
Independence Day	15/08/2018	15/08/2018	400
Onam	27/08/2018	27/08/2018	200
Teacher's Day	05/09/2018	05/09/2018	250
Ganesha festival	14/09/2018	14/09/2018	100
Engineers Day	15/09/2018	15/09/2018	500
International day of older persons/National Voluntary Blood Donation Day	01/10/2018	01/10/2018	100

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

- AMC Engineering College using battery powered vehicle, vehicle have 3.3 KW motor and 48 V battery.

- AMC Engineering College, one of the best engineering colleges in Karnataka, has always taken a green agenda - splendid lawns and lush green environment conducive for teaching-learning process.

- The institute encourages the staff and students to use the college transport instead of their own vehicles for safety, security, fuel conservation and to reduce environmental pollution. To harness green and clean renewable energy sources for Environmental benefits and energy security, the Institute has set up a 1.5KW solar power plant in the campus. The solar panels are installed in Mechanical Block.

- Vehicle parking space is provided at the main entrance of the college campus. As the campus is vehicle free with some exceptions, students and staff experience comfort walking through the pedestrian friendly pathways. The internal roads are lined with trees and lights and they are properly maintained by the campus maintenance committee.

- In the AMC campus there is complete ban on single-use plastics in class room, labs canteens in the institution's premises and hostels.

- Landscaping with Trees and Plants Landscaping of the college is worth seeing and reflects aesthetic sense. The institute has a canopy of trees and plants to make the environment pollution free to safeguard the health of all the inmates. The lawns and the trees provide shade and beautiful ambience. Utmost care is taken to develop and maintain green landscaping by trained gardeners and supervisor. The construction, maintenance and beautification committee constituted in the college looks after the development and maintenance of the greenery in the campus. Our institution had environment where the entire campus is filled with all plants and trees, which provide natural and pure oxygen which in turn helps good health of students and faculty.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1 1. Promotion of Green Campus • Objectives of the Practice A Green Campus is a place where environmental friendly practices and education combine to promote sustainable and eco-friendly practices in the campus. The green campus concept offers an institution the opportunity to take the lead in redefining its environmental culture and developing new paradigms by creating

sustainable solutions to environmental, social and economic needs of the mankind. Its main objectives are: i) Increasing the efficiency of energy generation (generators),transmission and consumption on the Campus ii) Prevention of unconscious consumption and waste iii) The sustainability of energy costs iv) Providing the preservation of natural resources with the aid of the land use and rainwater management plan v) Preventing environmental pollution with the waste management plan and raising awareness among students and staff about the issues concerning energy and the environment • The Context Some of the challenging issues were i) The great expenses connected with implementing energy saving and waste reducing measures. ii) Lack of environmental awareness which means that people do not know how to act sustainable iii) Lack of stringent regulations/laws in following the practice iv) Management of clean and affordable energy v) Limited data on energy and water consumption vi) Absence of performance indicators • The Practice ? Rain water harvesting: The campus has an area of 12.7acres with a good landscaping. The bore wells located inside the campus get replenished during the rainy season due to surface run-off. A large water sump has been constructed to collect rain water. Harvested rainwater is used to cater the purpose of sanitation and irrigation of the garden through sprinkle irrigation. Gardens are watered using drip/sprinkler irrigation system to save water. The institute ensures that the water wastage is minimized at an optimal level and the leaky taps and pipes are under regular check and hence no loss of water is observed, neither by any leakages nor by overflow from overhead tanks ? Green Practices: Student, staff using a) Bicycles b) Public transport c) Pedestrian friendly roads d) Plastic-free campus e) Paperless office f) Green landscaping with trees and plants ? Plantations: 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 ? Use of Renewable Energy: All hostels are provided solar water heater, installation of solar powered lighting in the campus is also being planned.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://www.amcgroup.edu.in/AMCEC/image/NAAC/AQAR2018-19/7.2.1_Best_Practices_1_&2-2018-19.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

Inculcation/Infusion of Research Culture and Experiential learning among Faculty and Students Product Design Studio 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 INCUBATION CELL- INCUBE Incube is a multifaceted club which concentrates on over all development of student nurturing them in every single aspect of their career. The incube 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 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. Placements • To conduct pre placement training from 3rd year • Ensuring all the students present papers in national/international conferences • Encouraging the students develop mini-projects • To improve the academic results and maximize the number of students eligible for placement. • Constant interaction and training from placed Alumni can help students to crack the placement jitters Distinctiveness in Academics • Workshops to be conducted to educate students, "Art of answering in University exams" • Create an awareness of examination process among the students to curb some misconceptions • Teach the programs in the laboratory on incremental basis so that students understand programs instead of mugging. • Supplement the teaching Through simulator for better understanding where all possible • Supplement the teaching with real world example for topics and insist on writing it in notes for better understanding during revision • Students must be provided question bank ,Assignments on each module • Ensure that all students attend and score above average marks during every IA tests • Crash Course are conducted in the form of Webinars before the semester end exams which help the students to revise their subjects Manage the weak students • Be open for their doubts through mail/phone • Students are given extra coaching after the class hours and on Saturdays to clear their doubts • Students are asked to do write open book tests after every topics • Students are given mock exam(3 hours) so that they can adhere to the time limit of the VTU exam Distinctiveness to enable the students be Industry Ready OurInstitution has number of

Provide the weblink of the institution
https://www.amcgroup.edu.in/AMCEC/image/NAAC/AQAR2018-19/7.3.1_Institutional_Distinctiveness-2018-19.pdf

8.Future Plans of Actions for Next Academic Year

Future Action Plan 2018-19 1) To effectively implement choice-based credit system and outcome-based education in all the programs. 2) To encourage the research Cell to publish more papers of high quality and to establish effective linkages and MOU with reputed Industries and Academic Institutions. 3) To maintain and improve physical facilities including state-of-the-art IT and library facilities. 4) Encourage student support facilities, placement, and higher education maintain continuous interactions with the alumina for the betterment of the institution. 5) To increase the number of collaborative research and consultancy with industries, increase a greater number of patent filing. 6) Establishment of the Center of Excellence in all the programs 7) Start working for establishing Autonomous status under VTU.