



## Yearly Status Report - 2017-2018

### Part A

#### Data of the Institution

Part A	
<b>Data of the Institution</b>	
<b>1. Name of the Institution</b>	ADITYA ENGINEERING COLLEGE
Name of the head of the Institution	Dr. M. Sreenivasa Reddy
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08852252243
Mobile no.	9866576662
Registered Email	principal@aec.edu.in
Alternate Email	office@aec.edu.in
Address	Aditya Nagar, ADB Road, Surampalem, Gandepally Mandal
City/Town	East Godavari District
State/UT	Andhra Pradesh
Pincode	533437

<b>2. Institutional Status</b>																			
Autonomous Status (Provide date of Conformant of Autonomous Status)	08-Mar-2017																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	Self financed																		
Name of the IQAC co-ordinator/Director	Dr. K. V. S. Ramachandra Murthy																		
Phone no/Alternate Phone no.	08852252243																		
Mobile no.	7036266665																		
Registered Email	dean_rd@aec.edu.in																		
Alternate Email	murthy.kvs@aec.edu.in																		
<b>3. Website Address</b>																			
Web-link of the AQAR: (Previous Academic Year)	<a href="http://www.aec.edu.in">http://www.aec.edu.in</a>																		
<b>4. Whether Academic Calendar prepared during the year</b>	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://www.aec.edu.in/?p=Academic-Calenders">http://www.aec.edu.in/?p=Academic-Calenders</a>																		
<b>5. Accrediation Details</b>																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>3.11</td> <td>2015</td> <td>01-May-2015</td> <td>30-Jun-2020</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.11	2015	01-May-2015	30-Jun-2020
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.11	2015	01-May-2015	30-Jun-2020														
<b>6. Date of Establishment of IQAC</b>	15-Nov-2011																		
<b>7. Internal Quality Assurance System</b>																			
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																
Reservoir Engineering	05-Aug-2017		119																

	1	
Random variables and stochastic processes	28-Jul-2017 2	200
Indian Power Grid Development - State of the Art	01-Aug-2017 1	120
Importance of admixtures and its applications in concrete	09-Aug-2017 1	150
No Files Uploaded !!!		

**8. Provide the list of Special Status conferred 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
No Data Entered/Not Applicable!!!				
No Files Uploaded !!!				

<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	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	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No

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

Based on the recommendations of the IQAC, Technical hub started new courses on IOT, Cloud Computing, Big Data and Project fund given by management is utilized by more number of students. Students participated in National Level events like Efficycle and Baja. Many students are participating in innovative projects. Both students and faculty are working on incubation.

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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	Achievements/Outcomes
<b>No Data Entered/Not Applicable!!!</b>	
<a href="#">View File</a>	

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

Yes

Name of Statutory Body	Meeting Date
Academic Council	09-Dec-2017

**15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?**

Yes

Date of Visit

09-Dec-2017

**16. Whether institutional data submitted to AISHE:**

No

**17. Does the Institution have Management Information System ?**

Yes

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

YES. . ECAP software is used for Management Information System.

**Part B**

**CRITERION I – CURRICULAR ASPECTS**

**1.1 – Curriculum Design and Development**

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

**1.2 – Academic Flexibility**

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
<b>No Data Entered/Not Applicable !!!</b>		
<a href="#">View File</a>		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	ALL	29/05/2017
Mtech	ALL	29/05/2017
MBA	Master of Business Administration	29/05/2017
Integrated(PG)	IMBA	29/05/2017
MCA	Master in Computer Applications	29/05/2017

### 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
<b>No Data Entered/Not Applicable !!!</b>		
<a href="#">View File</a>		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
<b>No Data Entered/Not Applicable !!!</b>		
<a href="#">View File</a>		

### 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>The Educational System seeks to fulfil the requirements of the learners by meeting their demands. Faculty Peer Groups and the students are continuously involved in safe guarding the interests of the educational processes and maintenance of standards. The functioning of feedback mechanisms infuses confidence among both faculty and students, increased active participation, mutual trust and has given a fillip to educational commitment and optimism. Feedback system is used to facilitate quality sustenance and improvement measures in the instruction and curriculum design processes. The students can share their feedback online (both on instruction and courses) for all courses that they have registered during a semester. The feedback is reviewed and</p>

communicated to the faculty members. This helps faculty members to improve their teaching practices and make necessary changes in course content. Feedback in the form of questionnaire for all Lecture, Tutorial and Practical classes are made before comprehensive examination. The analysis is shared before the commencement of the ensuing semester with all the faculty members through Head of Department (HOD). This method helps the faculty members to take measures in teaching and curriculum design. Direct feedback from student volunteers is taken and maintained by ID. The student volunteers are required to discuss with their friends (i.e. juniors, peers and seniors) in collating the feedback. These are then shared with the departments to take necessary action for enhancing the quality of the curriculum. Both manually and online feedback is collected from all the stakeholders. The online feedback mechanism is used to take feedback from students, parents and teachers. The feedback from students is analyzed course-wise, year-wise, department-wise. The average feedback of the college is calculated and compared with department-wise and individual. The faculty members are appreciated if they got good feedback, and orientation is given for the faculty members who got less feedback.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

### 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
2017	4445	401	191	45	42

### 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
278	278	9	85	3	5
<a href="#">View File of ICT Tools and resources</a>					
<a href="#">View File of E-resources and techniques used</a>					

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

All the teachers act as proctors. Each proctor is assigned with 17 students. Student information like personal/ academics/ extra curricular activities/ backlogs information is maintained. Counselling for weak students is effectively done. Students are encouraged to participate in various competitions and technical trainings. Student absenteeism and report of backlogs/ appreciations will be informed to their parents on monthly basis. Remedial classes are conducted students who have backlogs. Makeup classes are conducted for weaker students.

College takes all care to make the students industry ready by providing training in soft skills, programming skills and skill development programs.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4846	278	1:17

## 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
278	278	Nil	68	14

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
2017	Mr. S.V.V.D.Jagadeesh	Assistant Professor	Best teacher award from infosys
2017	Mr. Bharadwaj Dantu	Assistant Professor	Elite Silver Topper NPTEL
2017	Mr. Ujjwol Dandekhya	Assistant Professor	Elite Silver Topper NPTEL
2017	Ms. K Devipriya	Assistant Professor	Elite Silver Topper NPTEL
2017	Mr. Abdul Ajmal K P	Assistant Professor	Elite Topper NPTEL
2017	Mr. Rajesh Masina	Associate Professor	Bronze partner faculty, Infosys
No file uploaded.			

## 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
No Data Entered/Not Applicable !!!				
<a href="#">View File</a>				

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
250	2281	10.9

## 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://aec.edu.in/?p=Outcomebased%20Education>

### 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
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

### 2.7 – Student Satisfaction Survey

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

<https://www.aec.edu.in/?p=IQAC>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

<b>Yes</b>
Name of the teacher getting seed money
<b>Mr. SDVVS B Reddy (Mechanical) and I. Veeranjanyulu (EEE)</b>
<a href="#">View File</a>

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

### 3.2 – Resource Mobilization for Research

3.2.1 – 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
<b>No Data Entered/Not Applicable !!!</b>				
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

0

### 3.3 – Innovation Ecosystem



3.3.1 – 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
One day Workshop on Intellectual Property Rights	EEE	09/08/2017
One day Workshop on Research Methodology	EEE	27/02/2018
One Day Workshop on IPR	ECE	08/09/2017
Two day Workshop on Software Testing Tools	CSE	22/12/2017
One day workshop on Paper Writing	ECE	20/07/2017
Workshop on Qualitative Research Methodology	CSE	09/02/2018
One day Workshop on IPR	MIN	03/10/2018
One day Workshop on Overview of Patents	AG	08/05/2018
One day Workshop on IPR	CIVIL	07/11/2017
One day workshop on DST proposal writing	CIVIL	09/05/2018
<a href="#">View File</a>		

3.3.2 – 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
Inspire Faculty Excellence Awards 2017	SVVD Jagadeesh	Infosys	18/08/2017	Education
Paper Presentation	S. Rama Sree	ISRPM-JETR International conference and convention-2017 at Kaula lumpur, Malaysia	20/10/2017	Education
No file uploaded.				

3.3.3 – 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	K Sri Harsha	Aditya Engineering College- Google GBI	Get my Books	Nil	01/10/2017
No file uploaded.					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
MECH	2

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	CE	3	Null
International	EEE	3	Null
International	ME	14	Null
International	ECE	3	Null
International	CSE	8	Null
International	IT	7	Null
International	PT	5	Null
International	AG	2	Null
International	HBS	5	Null
No file uploaded.			

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

Department	Number of Publication
EEE	2
MECH	7
ECE	6
CSE	5
HBS	2
No file uploaded.	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			
No file uploaded.			

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
<a href="#">View File</a>						

3.4.6 – 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
No Data Entered/Not Applicable !!!						

[View File](#)

### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
<b>Presented papers</b>	<b>32</b>	<b>10</b>	<b>Nil</b>	<b>Nil</b>
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### 3.5 – Consultancy

#### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
<b>P Ravi Kishore</b>	<b>Testing of Materials</b>	<b>Cubatic Construction, Sabari Constructions Pvt Ltd.</b>	<b>825478</b>
<b>CSE</b>	<b>TCS ION</b>	<b>TCS</b>	<b>985729</b>
<b>No file uploaded.</b>			

#### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
<b>CIVIL</b>	<b>Training Programme on Auto desk Revit</b>	<b>Kabul Polytechnic University, Afghani sthan</b>	<b>1500000</b>	<b>9</b>
<b>No file uploaded.</b>				

### 3.6 – Extension Activities

#### 3.6.1 – 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
<b>Blood donation Camp</b>	<b>Rotary Club Siddharta Blood bank, Danvantari Blood Bank</b>	<b>12</b>	<b>126</b>
<b><a href="#">View File</a></b>			

#### 3.6.2 – 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
<b>No Data Entered/Not Applicable !!!</b>			
<b>No file uploaded.</b>			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
<b>No Data Entered/Not Applicable !!!</b>				
No file uploaded.				

### 3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
<b>No Data Entered/Not Applicable !!!</b>			
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3.7.2 – 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
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
INFOSYS	15/06/2017	CAMPUS CONNECT	180
MICROSOFT INNOVATION CENTRE	13/12/2017	CAMPUS CONNECT	124
No file uploaded.			

## 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
305	305

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Seminar halls with ICT facilities	Newly Added
Classrooms with LCD facilities	Existing

Seminar Halls	Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Classrooms with Wi-Fi OR LAN	Existing
<a href="#">View File</a>	

#### 4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
ECAP	Partially	4.0	2005

##### 4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
<a href="#">View File</a>			

##### 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
No Data Entered/Not Applicable !!!			
<a href="#">View File</a>			

#### 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	1320	14	100	2	1	1	12	100	0
Added	115	1	50	0	0	0	0	50	0
<b>Total</b>	<b>1435</b>	<b>15</b>	<b>150</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>12</b>	<b>150</b>	<b>0</b>

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

150 MBPS/ GBPS
----------------

##### 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Centre of Excellence for eResource Development Deployment (CoEerd)	<a href="http://jntuk-coeerd.in/">http://jntuk-coeerd.in/</a>

#### 4.4 – Maintenance of Campus Infrastructure

##### 4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary

component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
54	35	78	25

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)

Regular conduction of class work, regular conduction of lab work, proper maintenance of labs conduction of remedial and makeup classes to enhance students results. Regular upgradation of computers, conduction of FDPs, workshops, seminars etc. To update students. Encouraging students to register for swayam courses. signing MOUs with various organisations and companies. Encouraging students to participate in HACKATHONS.

<http://www.aec.edu.in>

## 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	Merit Scholarships	393	6425000
Financial Support from Other Sources			
a) National	Fee Reimbursement Scheme-Government of Andhra Pradesh	2944	119136650
b) International	Nil	Nil	Nil

[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 implementation	Number of students enrolled	Agencies involved
<b>No Data Entered/Not Applicable !!!</b>			

[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 passed in the comp. exam	Number of students placed
<b>No Data Entered/Not Applicable !!!</b>					

[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
3	3	4

## 5.2 – Student Progression

### 5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
68	759	549	4	759	17
<a href="#">View File</a>					

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	1	B.Tech	CE	PYDAH COLLEGE OF ENGINEERING, KAKINADA	M Tech, Transportation Engineering
2018	1	B.Tech	CE	JNTUK, KAKINADA	M Tech, Environmental Engineering and Management
2018	1	B.Tech	CE	NICMAR, PUNE	Postgraduate, Advanced Construction Management
2018	1	B.Tech	CE	NICMAR, HYDERABAD	Postgraduate, Quantity surveying and contract management
2018	1	B.Tech	EEE	JNTUK	M.Tech
2018	1	B.Tech	ME	AP-PGECET	M.Tech
2018	2	B.Tech	ME	IBS Mumbai	MBA
2018	1	B.Tech	ME	AP-PGECET	M.Tech
2018	1	B.Tech	ME	AP-PGECET	M.Tech
2018	1	B.Tech	ME	AP-PGECET	M.Tech
<a href="#">View File</a>					

### 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
SET	7
GATE	11

Any Other	6
No file uploaded.	

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

Activity	Level	Number of Participants
<b>No Data Entered/Not Applicable !!!</b>		
<a href="#">View File</a>		

**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
<b>No Data Entered/Not Applicable !!!</b>						
<a href="#">View File</a>						

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

Student Active Council The college constitutes "Students Council" for every academic year. At least two meetings of the students? council are organized every year. The student's council involves Chairman, faculty and student members. 1 Principal Chairman of the Student Council 2 A Lecturer nominated by the principal Member 3 NSS Programme Officer Member 4 The Director of sports and physical education Member 5 One Student from each class with academic merit at the examination held in the preceding year and engaged in full-time study in the college, nominated by the Principal Member 6 One student showing outstanding erformance in each activity of Sports, NSS, NCC and ultural Activities, nominated by the Principal Member 7 Two female students nominated by the Principal Member 8 Two students nominated by the Principal (SC/ ST/ NT/ DTNT/ OBC) Member The activities and functions of the students' Council • Monitors various academic and socio-cultural events in the college. • Maintain overall discipline in the campus. • Act as a facilitator between the students and college. • Coordinate all extracurricular activities and annual festival of the college. • Raising funds whenever there is need to fulfill social responsibility. • Plays a significant role as volunteers in conferences, workshops, sports events and other functions. The representative students play an active role in the activities and the decisions taken by different committees of the college. There is the development of leadership qualities, confidence, sense of responsibility and active participation among the students. The increase in communication and healthy dialogue is witnessed after this initiation. Student's council is given the representation in the working committees of the college. The following are some of the committees which come under the preview of Student Active Council. List of the Student Committees 1 Academic Committee 2 Alumni Coordination Cell 3 Anti Ragging Committee 4 Canteen Committee 5 Career Counselling Cell 6 Cultural Committee 7 Eco Club 8 Entrepreneurship Development Cell / Incubation Center 9 Ethics Committee 10 Health Club 11 Hostel Committee (Hostel Students Only) 12 ICT / LMS / E Resources Committee 13 Language Club 14 Library Committee 15 NSS 16 Publication Committee 17 Sports Committee 18 Training Placement Cell 19 Transport Committee 20 Website Committee 21 Prevention of Sexual Harassment 22 Grievance Redressal Committee 23 Women Empowerment Website Link: <https://www.aec.edu.in/#>

**5.4 – Alumni Engagement**



5.4.1 – Whether the institution has registered Alumni Association?

Yes

Aditya Alumni Association (AAA) is registered with 30 members initially. It is functional from then, highly proactive and greatly supportive for the wellness of the institute and the students. It has a governing body with President, Vicepresident, Secretary, Treasurer and General Secretary. It is, in fact, an undeniable fact that the success of any educational institution depends on the success of its alumni. The contributions and the involvement of the alumni can significantly increase the reputation of the Institution nationally and internationally. Aditya feels proud of its Alumni association which extends its direct and indirect help to the management and to the students through various means. We proudly call them our ambassadors. Top alumni are placed in prestigious companies like, CGI, TCS, INFOSYS, Tech-Mahindra, Caliber Technologies, Amazon Ltd etc., and most of them are imparting their services in prestigious positions. We proudly proclaim that they are tailor made according to the vision and mission of our institution. The alumni association contributes significantly through financial and non-financial means. They provide structured feedback about the syllabus, exam patterns and infrastructural facilities offered by the institution and the valid suggestions are implemented. An alumni meet is very prestigiously conducted annually, where in the passed out graduates from UG PG courses of all the departments can get together under the same roof spending some useful and fruitful time sharing their lessons and experiences from campus life to career life - their joys and sorrows, their trials and tests, their efforts and results and their success and failures in searching and reaching professional arenas and avenues. This meeting will purely be an interactive, explorative and very enlivening. Enthusiastic professionals, highly knowledgeable project leads and heads, successful entrepreneurs, upcoming industrialists, employees working with MNCs in India and abroad from the alumni are devotedly invited to talk on their success stories and victorious achievements and great accomplishments, thus, standing as an impetus to the budding engineers. Alumni help their juniors by creating awareness about the job opportunities accessible in the present world and creates awareness about the strategic methods to meet the necessities of diverse competitive exams like GRE, TOFEL, and other job oriented exams like RRB, SSC, Public service commission's, special scholarships and free ships. Especially, alumni staying in abroad motivate other students to find their opportunities in other countries. The association assists economically poor students with financial aid and by giving meritorious awards through NGOs like Sadhya foundation, Helping hands etc. in which the Alumni Association is actively involved. The members of the alumni assist the final year studentsto get their projects, placements or summer internships in their companies. This is the more possible and probable way, the regular alumni meets pave the way for the sure and successful placement of the students.

5.4.2 – No. of registered Alumni:

252

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

10th January 2018

**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 institution has decentralized and transparent mechanism in management, administration, financial and academic affairs. This mechanism is delegating appropriate responsibilities from the top level management to low level and allows the top management to focus on policy making and major decisions.

Curriculum Design The Institution follows the guidelines issued by the regulatory bodies such as UGC, AICTE, affiliated university JNTUK, Kakinada and Andhra Pradesh State Council of Higher Education (APSCHE) while designing the curriculum of all UG and PG programs offered by the institution. A series of all faculty meetings are conducted to decide about the specifications of the Course Outcomes (COs) and their corelation with specified Programme Outcomes (POs) and defined Programme Specific Outcomes (PSOs). The set of courses which require modifications (deletion/addition) are prepared and compared with programme curriculum adopted at other leading academic institutions and universities in India and Abroad. The curriculum design process of the institution is as follows. a). Module Coordinator Committee (MCC) MCC receives inputs on curriculum revision from Class Review Committee (CRC). The Module Coordinator committee prepares the content of all respective courses including new courses and change of course content. b). Department Academic Committee (DAC) It comprises of HOD and some experienced senior faculty members of the department. The Program Coordinator initiates the curriculum design process by collecting the attainments of Course Outcomes, Program Outcomes and Program Specific Outcomes from the Program Assessment Committee (PAC). The inputs from various stakeholders such as Faculty, students, parents, Alumni and Employer will be considered for curriculum revision. DAC suggests the new and advanced courses to be introduced in the curriculum, establishment of new labs and skill upgradation facilities based on the requirement of the industry. c). Board of Studies (BoS) BoS comprises of senior Faculty of the department, members from Alumni, Industry, Academia, University nominee and functions with HOD as chairperson. It reviews and ratifies Course structure, curriculum and course content. d). Academic Council (AC) Academic Council comprises of HODs of all departments, Industry, Academia, University nominee, faculty nominated by principal and functions with principal as chairman. It discusses and ratifies the institution level all academic issues. All the faculty members are actively involved in Teaching-Learning process implementation.

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
Admission of Students	70 of the admissions are done by the Convener, EAMCET, Govt. of Andhra Pradesh. Remaining 30 of the seats are filled by the Management based on the guidelines given by Govt. of Andhra Pradesh from time to time.
Industry Interaction / Collaboration	AEC has MoU with Infosys Campus Connect, Microsoft Innovation Centre, Global Business Incubation Centre, TCS-ion, ITU, Canada, Adobe Creative Academy, Govt of AP for SDC, Kabul Polytechnic University, Afghanistan,

	Aspiring Minds.
Library, ICT and Physical Infrastructure / Instrumentation	Total No. of Titles : 7163 Total No. of Volumes : 77,836 , Total No. of International Journals : 2000 , Total No. of Journals : 65, Magazines : 25
Curriculum Development	Syllabus revisions are made once in 3 years by the affiliating university JNTUK, 2. AEC has become autonomous from 2017-18. Hence, curriculum is developed by Board of Studies of each Department., 3. External experts are drawn from IITs and NITs to guide the BOS., 4. Academic Council helps in making the policies.
Teaching and Learning	Encouragement of Staff and Students towards Research, Guidance to students for getting admission for higher studies. 3. Encouraging students to do mini projects in the concerned subjects , 4. Expert lectures to create awareness to students Conduction of Skill Development training programs , 6. Periodical evaluation of results of the students in semester end examinations .
Examination and Evaluation	As the Institution is affiliated to JNTUK, Kakinada up to 2016-17 batch, the examination/evaluation procedures are governed by the university, 2. For 2017-18 admitted students, exams are conducted by College Examination Section headed by Controller of Exams under the Autonomous system.
Research and Development	<ul style="list-style-type: none"> <li>• RD Division is established to give support in terms of guidance for applying projects for funding.</li> <li>• RD committee to review and motivate research scholars., Incentives for research publications, for attending workshops, conferences and FDPs, • Conducting awareness programs by experts from funding agencies</li> </ul>
Human Resource Management	Faculty annual assessment by Self Appraisal Performa (SAP) , 2. Orientation programme is conducted for new faculty members , 3. Support and guidance is provided for carrying research activities, presenting papers in conferences and publishing papers in reputed journals

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

E-governance area	Details
Planning and Development	No software is used for planning and development.

Administration	General Administration is done through ECAP and EZ softwares.
Finance and Accounts	Tally ERP and ECAP are used by Accounts Department.
Student Admission and Support	ECAP software is used for admission process and further student support. Students attendance is also posted in ECAP.
Examination	BEEES Software is used to track students performance in examinations from Ist Semester to VIII Semester.

### 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
<b>No Data Entered/Not Applicable !!!</b>				
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges 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)
<b>No Data Entered/Not Applicable !!!</b>						
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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
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
68	68	21	21

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Group Insurance,	Group Insurance,	Scholarships to

Provident Fund, Free Transport, Free Education for Wards, Canteen Facility at subsidized Price	Provident Fund, Free Transport, Free Education for Wards, Canteen Facility at subsidized Price	meritorious Students, Medical Facility in the campus
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#### 6.4 – Financial Management and Resource Mobilization

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

To maintain credibility in the audit process, Aditya Engineering College conducts both internal and external financial audits regularly. **INTERNAL AUDIT:** Internal audit is very crucial for smooth functioning of an organization which brings trust and transparency amongst the stake holders. Prior to internal audit awareness and orientation programme is conducted about the importance of internal audit where all the internal audit committee members such as Management personnel, Principal, Deans, HODs and Account department personnel participate. Apart from employee salaries, Infrastructure development, laboratory development, Research activity expenses, student activities and programmes are discussed in detail in the audit meetings. Every year before one month of start of academic year, budget forms are sent to all HODs. These budget forms include forecasting Laboratory expenses, expenditure on conferences, workshops and seminars, organizing FDPs. It also includes Incentives for publications as well as rewards for best researcher. Budget also covers Library expenses, I.T. Expenses, Stores and Power bills, Municipal taxes and University fees. Budget also covers expenses for cognitive and physical development activities related to students. Yearly budget is made taking into account suggestions of Members of Academic council. Once budget is allocated, it is periodically monitored by HODs, Account department and Principal. If any discrepancies found in the Audit process brought to the notice of the management. **EXTERNAL AUDIT:** The external audit unlike the internal audit process does not require members employed in the organization rather the audit is done by external independent team headed by authorized agency. Being an unbiased party, external audit brings more transparency in the financial processes. They closely observe the allocated amounts and incurred expenditure against different heads. They not only check the authenticity of bills provided but also check the supporting documents. External audit is carried out once in a year. Annually External audit is also done by the State Govt. Bodies for deciding the yearly tuition fee to be paid by the Govt. for eligible students.

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
<b>No Data Entered/Not Applicable !!!</b>		
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6.4.3 – Total corpus fund generated

2500000
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#### 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	JNTUK, Kakinada	Yes	Principal

Administrative	Yes	JNTUK, Kakinada	Yes	Principal
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6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Informal meetings are being conducted to identify the issues related to students., Presently parent teacher association is not in existence, however, feedback from parents is collected at times and it is analyzed for taking measures further

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

Supporting staff are encouraged to continue their education for improvement of their qualification.

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

Trying to implement all the suggestions given by the peer team, Activitybased Teaching and Learning Methods, MOOCs certification course for both faculty and students is made mandate.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2017	Research Incubation for Students of II and III B Tech	12/06/2017	12/06/2017	31/05/2018	103
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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
ECONOMIC EMPOWERMENT OF INDIAN WOMEN – POSTER COMPETITION	02/09/2017	02/09/2017	30	20
CORPORATIVE SURVIVAL	16/12/2017	16/12/2017	30	25
ART OF DECISION MAKING	28/02/2018	28/02/2018	55	45
CORPORATIVE	27/03/2018	27/03/2018	25	60

**SURVIVAL****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

Usage of LED bulbs as power efficient equipment.

**7.1.3 – Differently abled (Divyangjan) friendliness**

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	Nil
Rest Rooms	Yes	Nil
Special skill development for differently abled students	Yes	Nil
Scribes for examination	Yes	Nil
Provision for lift	Yes	Nil

**7.1.4 – Inclusion and Situatedness**

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2017	1	1	30/11/2017	1	Village Survey	Power d efficiency in night times	39
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**7.1.5 – Human Values and Professional Ethics**

Title	Date of publication	Follow up(max 100 words)
Seminar on Professional Ethics and Human Values	30/03/2018	Professional Ethics and Human values course is introduced in the curriculum.

**7.1.6 – Activities conducted for promotion of universal Values and Ethics**

Activity	Duration From	Duration To	Number of participants
Lecture on Universal values and ethics	20/01/2018	21/01/2018	150
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**7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)**

1.Sprinkler system is used for Greenery and Lawns 2.Plantation is set in majority places of the campus and maintained to make campus as eco- friendly 3.Rain water harvesting. 4.Electric Vehicles used for commutation with in the campus. No conventional transport allowed within the campus.



## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

1. Holistic approach to overall student development that emphasis co-curricular and extra-curricular activities The rapid cultural and social changes in society have a tremendous impact on young brains. As a result, there is an urgent need to guide, polish, and assist them with appropriate values and ethics that are supported by purpose and vision. There is significant possibility in this aspect for implementing a holistic strategy for total personality development of young minds in an educational institution through the planning and organisation of various co-curricular and extra-curricular activities. Both technology and the arts contribute equally to overall progress. AEC, being a technological institution, creative methods are applied through extra-curricular activities such as An Annual Sports and Cultural fest, VEDHA -An Annual Student Technical Symposium, Bi-annual Cultural fest and so forth. In addition to educational activities, AEC gives significant opportunities for co-curricular and extra-curricular activities. AGBI - Aditya Global Business Incubator is promoting the students internship. Till now more than 39 starts ups were developed and 14 events were conducted to promote innovation and entrepreneurship since its inception from 2014 SAE - As it involves all areas of the automobile industry, including research, design, production, testing, developing, marketing, management, and financing, it supports engineering vocations and excellence. CSI - To enrich students with latest technologies, actively involving them into various technical activities Disha Department Lab - To Make students to participate actively in various activities Google Student Developer Club - To enhance the students technical knowledge ISTE - Providing guidance and training to students to develop better learning skills and personality SPE - To conduct the events for the students and Faculty to enhance knowledge in oil and gas industry NSS - Plantation drives, blood donation camps, services at orphanages and old age homes, road safety, anti-ragging squads, local medical camps, and other activities are included. IEEE ARC Lab - provides essential assistance, workshops, and tutorials, as well as tools, equipment, components, and workspace Entrepreneurship Development Cell - focuses on bringing out the business culture on campus through awareness drives and seminars led by the citys young entrepreneurs. Abhinaya Cultural Club - provides every individual a chance in the realms of Art, Music, Dance, and many more. Culture, legacy, and art are personified representations of civilization and way of life. This group also encourages members to become better art devotees and to build positivity. 2. Institute was identified as a remote centre by IIT Bombay to conduct Faculty development programs and workshops for improvement in Teaching and Learning process. Institute is recognized as remote centre by IIT Mumbai as a part of NMEICT. Through this resource the institute is enabled to conduct activities of training the trainers, provide quality and equity across the scale of students, connect with institutes, empower teachers and learners and provide skilled e-content. Especially the teachers are provided with attending and participating workshops, faculty development programs besides the students are allowed to participate in skilled seminars, workshops, training programmes.

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

<http://www.aec.edu.in>

## 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

1. Scientifically designed employability assessment and training programs by



AMCAT and COCUBES through I B. Tech to IV B. Tech. Cost of these programs is partially borne by the Institute. 2. Exclusive training support for advanced career guidance programs like GATE, GRE, TOEFL, etc. 3. NSS unit carries out social activities like blood donation camps, education to rural students and health camps, Campaign for Swachh Bharat Abhiyan, Government Schemes. 4. Encouragement for Research Scholars to carryout their research work.

Provide the weblink of the institution

<http://www.aec.edu.in>

### **8.Future Plans of Actions for Next Academic Year**

1. To get all the departments accredited by NBA 2. To get Research Centre Sanctioned from JNTUK 3. To get best placement record. 4. To apply for Project Funding to DST/AICTE/DRDO.