



Yearly Status Report - 2015-2016

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	ADITYA ENGINEERING COLLEGE
Name of the head of the Institution	Prof. T K Rama Krishna Rao
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

2. Institutional Status																			
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.	9966803153																		
Registered Email	murthy.kvs@aec.edu.in																		
Alternate Email	murthykvs2000@yahoo.co.in																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	https://www.aec.edu.in/?p=IOAC#tab3																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	https://aec.edu.in/?p=acc#tab1																		
5. Accrediation Details																			
<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>31-Dec-2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.11	2015	01-May-2015	31-Dec-2022
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.11	2015	01-May-2015	31-Dec-2022														
6. Date of Establishment of IQAC	15-Nov-2011																		
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															
Outcome Based Education Workshop	29-Jun-2015 3			45															

Faculty Development Programme	14-Sep-2015 3	30
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!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

1. Based on the recommendations of the IQAC, new Training Department has been established. 2. The placements have been improved due to additional Training through Technical Hub. 3. Standardization of various academic practices. (Teaching, Examination System)

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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
Conduct Remedial and Makeup classes.	Remedial classes are conducted for students having backlog and Makeup classes are conducted for slow learners.

Establish Communication with parents about the progress of their wards.	Mentors are appointed for every 20 students in order to council students on academic aspects and also to intimate the student progress to the parents
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	20-Mar-2015
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2015
Date of Submission	01-Dec-2015
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	EZ School software is used for Management Information System. Institute has authorized software to manage general administration, examination, student attendance and continuous evaluation process.

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
No Data Entered/Not Applicable !!!			
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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
No Data Entered/Not Applicable !!!				
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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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	Civil Engineering	10/06/2013
Mtech	Structural Engineering	10/06/2013
MCA	Master of Computer Applications	10/06/2013
MBA	Master of Business Administration	10/06/2013
BTech	Electrical and Electronics Engineering	10/06/2013
BTech	Mechanical Engineering	10/06/2013
BTech	Electronics and Communication Engineering	10/06/2013
BTech	Computer science and Engineering	10/06/2013
BTech	Information Technology	10/06/2013
BTech	Agriculture Engineering	10/06/2013
BTech	Mining Engineering	10/06/2013
BTech	Petroleum Engineering	10/06/2013
Mtech	Software Engineering	10/06/2013
Mtech	Embedded Systems	10/06/2013
Mtech	Petroleum Engineering	10/06/2013
Mtech	Computer Science & Engineering	10/06/2013
Mtech	VLSI Design	10/06/2013
Mtech	Thermal Engineering	10/06/2013
Mtech	Power Electronics and Drives	10/06/2013

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
28	27/07/2015	2073
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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
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No Data Entered/Not Applicable !!!

[View File](#)**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 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 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
No Data Entered/Not Applicable !!!				
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
2015	4231	480	203	32	9

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
244	243	6	85	1	5
View File of ICT Tools and resources					
View File of E-resources and techniques used					

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

To resolve the students academic, personal or interpersonal issues, a proctoring system is established in our college. Mentors are appointed for 15 students and will proctor the respective students twice a month. Proctoring is an essential aspect for the students of the current technological generation as individual mentors may remain in contact with all individual students and parents. Objectives of the practice followed by the department: · To monitor the students regularity and discipline. · To maintain the students complete information and their academic records. · To enable the students to know about the performance regularly. · Improvement of the teacher-student relationship. · Counseling the students regarding academics and providing support to improve their quality of education. · Guiding students to choose the right career path/ Higher education/ Entrepreneurship, etc.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4711	244	1:19

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
244	244	0	35	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
No Data Entered/Not Applicable !!!			
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
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No Data Entered/Not Applicable !!!

[View File](#)

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
0	4398	0

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
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No Data Entered/Not Applicable !!!

[View File](#)

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://aec.edu.in/?p=IQAC#tab4>

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

Yes
Name of the teacher getting seed money
Nil
View File

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
Nil	NIL	NIL	Nil	NIL

No file uploaded.

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
Nil	0	NIL	0	0
No file uploaded.				

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
Emerging Trends in civil Engineering	CIVIL	21/12/2015
Advanced Technology in civil Engineering	CIVIL	07/10/2015
One day workshop on IPR	EEE	09/07/2015
One day workshop on Paper writing	EEE	27/02/2016
One day workshop on IPR	ECE	18/08/2015
One day workshop on Research Methodology	ECE	03/05/2016
One Day Workshop on Patens Writing	MECH	27/08/2015
One Day Workshop on Intellectual Property Rights	CSE	03/12/2015
One Day Workshop on Overview of Research Methodology	IT	08/01/2016
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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
NIL	NIL	NIL	Nil	NIL
No file uploaded.				

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

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nil
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
NIL	0

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	CIVIL	12	Nil
International	ECE	8	Nil
International	MECHANICAL	7	1
International	EEE	5	Nil
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
HBS	1
EEE	1
CSE	1
ECE	3
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
Regulation of power flow by unified power flow controller in IEEE 5 bus system	Manoz Kumar Reddy K., Kailasa Rao A., Srinivas Rao R.	International Journal of Applied Engineering Research	2015	4	Yes	4
Purification and identification of 20kDa protein from Parthenium	Vemuri P.K., Talluri B., Panangipalli G., Kadiyala S.K., Veeravalli	International Journal of Pharmacology and Phytochemical Research	2016	4	Yes	4

hysterophorus	S., Bodiga V.L.					
Purification characterization of Parthenium hysterophorus flower proteins that exhibit inherent immunological responses	Vemuri P.K., Talluri B., Panangapalli G., Veeravalli S., Bodiga V.L.	International Journal of Green Pharmacy	2016	4	Yes	1
Fractional-order PI based STATCOM and UPFC controller to diminish subsynchronous resonance	Koteswara Raju D., Umre B.S., Junghare A.S., Thakre M.P., Motamarri R., Somu C.	Springer Plus	2016	12	yes	4
No file uploaded.						

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 !!!						
No file uploaded.						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nill	28	Nill	Nill
Presented papers	8	Nill	Nill	Nill
No file uploaded.				

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)
CSE	EXAMINATIONS	TCS ION	678925
No file uploaded.			

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
No Data Entered/Not Applicable !!!				
No file uploaded.				

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
No Data Entered/Not Applicable !!!			
View File			

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
No Data Entered/Not Applicable !!!			
No file uploaded.			

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
No Data Entered/Not Applicable !!!				
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
NIL	NIL	NIL	0
No file uploaded.			

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
NIL	NIL	NIL	Nill	Nill	NIL
View File					

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
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			students/teachers participated under MoUs
Ui Path Academic Alliance	09/06/2015	Academic Alliance programs	189
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
300	255.46

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
Seminar halls with ICT facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
No file uploaded.	

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
Ez-library	Fully	10.0	2005

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
View File			

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Nil	Nil	Nil	Nil
No file uploaded.			

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	1020	23	23	2	1	1	11	100	0
Added	20	2	2	0	0	0	0	0	0
Total	1040	25	25	2	1	1	11	100	0

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

100 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
Nil	Nil

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
250	206.96	200	145.1

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)

The Institution has appointed staff for maintaining facilities such as Buildings, Transport, Electrical, Housekeeping, Garden etc. Regular cleaning of College floors, classrooms, laboratories, equipment, and rest rooms are being done by the housekeeping team under the supervision of a floor in-charge. Stock verification and up-keeping of the equipment in all laboratories and other facilities is done at the end of every year by Lab In-charge and the report is submitted to the Principal through the concerned HOD for further action.

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	173	2975000
Financial Support from Other Sources			
a) National	Fee Reimbursement Scheme - Government of Andhra Pradesh	2705	103516400

b)International	0	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
No Data Entered/Not Applicable !!!					
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
4	4	6

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
55	775	279	7	545	94
No file uploaded.					

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
2016	Nil	Nil	Nil	Nil	Nil
2016	Nil	Nil	Nil	Nil	Nil
2016	Nil	Nil	Nil	Nil	Nil
2016	Nil	Nil	Nil	Nil	Nil
2016	Nil	Nil	Nil	Nil	Nil
2016	Nil	Nil	Nil	Nil	Nil
2016	Nil	Nil	Nil	Nil	Nil
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
Nil	0
No file uploaded.	

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
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
No Data Entered/Not Applicable !!!						
View File						

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

The institute believes that student involvement in academic and administrative activities plays crucial role in development of the institute. In this regard, the students are encouraged to be a part of academic, administrative committees and student council. Students actively participate and organize various academic, co-curricular, extra-curricular and extension activities. This empowers the students to gain leadership qualities, managerial skills, and team work. The institute has an active student council with Principal, all head of the departments, student representatives as its members. One student acts as the convenor and one student acts as thesecretary of the committee. The student council acts as a facilitator between students and the institute. The activities and functions of the Student Council are: • To organize various academic, co-curricular, extra-curricular andextension activities. • To maintain overall discipline/student etiquette in the campus during the events. Students as members of various committees involve in decision making process by providing suggestions and feedback. This facilitates the institute to understand the student perception on various issues. Students’ representation is given proper weightage for the holistic development of the institute. Student representation is active in the following list of committees: • Anti-Ragging Committee • Alumni Committee • Canteen Committee • Internal Quality Assurance Cell (IQAC) • Cultural Committee • Eco Club • Entrepreneurship Development Cell (EDC) • Grievance Redressal Committee • Health Committee • Hostel Committee • Committee for ICT/LMS/ILMS/E-Resources • Library Committee • Sports Committee • Committee for Training and Development, Career Counselling and Placement • Website Committee • Internal Complaints Committee • NSS Committee • Youth Red Cross Unit • Leo-Club

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The institute believes that an active alumni association can significantly

contribute to academic matters and student support. In this connection, alumni are encouraged to be a part of various statutory committees of the institute. The institute encourages student-alumni interactions that would benefit the students in advanced learning from rich expertise of the alumni. The institute has a registered and functional Alumni Association. It is proactive, supportive, and works for the development of the students and the institute. It has a governing body with President, Vice-president, Secretary, Treasurer and General Secretary. Two alumni chapters are formed at Hyderabad and Bangalore which actively contribute to outreach activities. The alumni involve actively in the following activities: • Curriculum development and revision • Deliver Guest lectures on emerging technologies • Career guidance to enlighten the students on different career options • Provide industry-institute interaction • Support for placements and internships • Entrepreneurship guidance

5.4.2 – No. of registered Alumni:

720

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

12

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)

1. All the Heads of Departments of AEC are very much capable of developing own strategies for teaching, carrying out research and implementing various projects. All the departments work as independent bodies. 2.All the conveners of various committees have lot of freedom and are empowered to take decisions and plan their own activities. Only for financial support and administrative support for providing resources, they approach the Principal and Management.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Human Resource Management	1.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.
Research and Development	RD Division is established to give support in terms of guidance for applying projects for funding. 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
Curriculum Development	Syllabus revisions are made once in 3 years by the affiliating university JNTUK, Kakinada. Recently R16 Regulations are in force for UG/PG Programs.
Teaching and Learning	1.Encouragement of Staff and Students towards Research, Guidance to students for getting admission for higher studies. 2. Encouraging students to do mini projects in the concerned subjects. 3. Expert lectures to create awareness to students Conduction of Skill Development training programs 4. Periodical evaluation of results of the students in semester end examinations

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 EZ School software.
Finance and Accounts	Tally ERP and EZ School are used by Accounts Department.
Student Admission and Support	EZ School software is used for admission process and further student support. Students' attendance is also posted in EZ school.
Examination	EZ School Software is used to track students performance in examinations from I 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
Nil	NIL	NIL	NIL	0
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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	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
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		staff			
No Data Entered/Not Applicable !!!					
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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
No Data Entered/Not Applicable !!!				
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
35	35	6	6

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Group Insurance, Provident Fund	Free Transport, Free Education for Wards Canteen facility at subsidized price.	Scholarships to meritorious students, Medical Facility in the campus

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 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 organisation 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
NIL	0	NIL
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nil	Yes	Principal
Administrative	No	Nil	Yes	Principal

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

<p>Informal meetings are being conducted to identify the issues related to students. Feedback from parents is collected at times and it is analyzed for taking further measures.</p>
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6.5.3 – Development programmes for support staff (at least three)

<p>Supporting staff are encouraged to continue their education for improvement of their qualification.</p>
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6.5.4 – Post Accreditation initiative(s) (mention at least three)

<p>Trying to implement all the suggestions given by the peer team, Activity based Teaching and Learning Methods, MOOCs certification course for both faculty and students is made mandate.</p>
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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	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2015	Outcome Based Education Workshop	29/06/2015	29/06/2015	01/07/2015	45
2015	Faculty Development Programs	14/10/2015	14/10/2015	16/10/2015	30
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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
Save Girl Child	16/12/2015	16/12/2015	68	56
Women's Day	08/06/2015	08/06/2015	96	10

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

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

LED bulbs are used in the campus as power efficient equipment.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	12
Scribes for examination	Yes	1
Provision for lift	Yes	16

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
2015	1	1	29/08/2015	1	Survey of facilities in near by villages	Medical facilities	40
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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Inculcation of Life Skills in student fraternity	02/02/2016	Life Skills are necessary for every human being and students as well. So programs were conducted regularly to improve and practice better attitude.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Seminar on Universal Values and Ethics	17/08/2015	18/08/2015	400

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

1. Planting of trees in the campus 2. Construction of rain water harvesting pits in the campus 3. Environment Day Celebration on 05-06-2015 4. Conducting environmental awareness workshops/ seminars by inviting the experts. 5. Organizing Swachh Bharath campaign etc.,

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Inculcating the research spirit in the faculty and students in order to achieve progressive technological advancements Research is a never-ending pursuit for knowledge that is used for advancement of society in the information era. Today's world is evolving quickly by creating opportunities for new research efforts to improve people's lives. Keeping up with the ever-increasing wants and demands has become the most important factor. Continuous research and development of new products and initiatives has become necessary to fulfil such demands. This prompted the Institute to advance its RD activities, which focuses on a variety of autonomous disciplines and fosters multidisciplinary research. Teaching and research must coexist. The college promotes research in the following ways and means to achieve such goals: Sponsoring for seminars/conference/workshops/Orientation courses /refresher courses like STTPs, FDPs, SDPs, etc. by paying registration fee, TA/DA with paid leave. Financial incentives like paying registration fee for publications in journals and conferences and TA/DA for presentation of technical papers in various International/National conferences and special incentives for publication of research papers in good impact factors as well as Scopus papers.

Modernization of laboratories with research facilities Exposure to international expertise by organizing invited lectures, work-shops, seminars and conferences etc. Providing high end computing facilities, with internet, Wi-Fi, and other facilities The supporting staffs is also encouraged to upgrade their skills by being deputed to relevant authorized /recognized training centres in their respective trades/fields

2. A unique counselling process is followed in which every faculty are allocated 20 students as a proctor with an objective to constantly follow the student progress and accordingly suggest changes in the case of any deviation. For every faculty ranging from Assistant Professor to Professor level, 20 students were assigned to look after their academic progress. One reason why student's opinion increases after using proctors is that they realise that proctors may be highly valuable throughout their course stay, even helping many students to accomplish educational advancement in the first place. Because most people do not focus on it, but here are some ways where proctors help students reaching their educational and evaluative goals. The most evident and easy way is that proctors help students by ensuring more equitable learning environment for all. The restrictions, such as how long it lasts and what materials are authorised or prohibited, are set by professors and administrative authorities. However, someone must police those laws, which is tough to do when students are dispersed all over the world. Proctors have a huge influence since it is clearly wrong to have some students follow the rules while others do not. By prohibiting cheating and giving everyone an equal opportunity to demonstrate their knowledge, proctors play a crucial role in ensuring the students who sincerely study and accomplish the work.

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

<https://aec.edu.in/?p=Best%20Practice>

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

? Scientifically designed employability assessment and training programs by AMCAT and COCUBES through first to fourth year. Cost of these programs is partially borne by the Institute ? Exclusive training support for advanced career guidance programs like GATE, GRE, TOEFL, etc. ? NSS unit carries out social activities like blood donation camps, education to rural students and health camps ? Implementation of Swachh Bharat Abhiyan

Provide the weblink of the institution

<https://aec.edu.in/?p=Institute%20Distinctiveness>

8.Future Plans of Actions for Next Academic Year

1. To get Autonomous status for the Institute. 2. To achieve best placement record in the district.