Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**ADITYA COLLEGE OF ENGINEERING**
Name of the head of the Institution	**Dr. A. Ramesh**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**0884-2326224**
Mobile no.	**9000476662**
Registered Email	**office@acoe.edu.in**
Alternate Email	**principal@acoe.edu.in**
Address	**Aditya Nagar, ADB Road, Surampalem, East Godavari District**
City/Town	**SURAMPALEM**
State/UT	**Andhra Pradesh**
Pincode	**533437**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr. D V S S S V Prasad**
Phone no/Alternate Phone no.	**08842326224**
Mobile no.	**9492508781**
Registered Email	**myselfdvsprasad@gmail.com**
Alternate Email	**prasad_mech@acoe.edu.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.acoe.edu.in/

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.acoe.edu.in/uploads/IQAC/Academic%20Calendar%202018-19%20UG.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B+**	**2.72**	**2018**	**26-Sep-2018**	**25-Sep-2023**

6. Date of Establishment of IQAC

09-Jun-2016

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Quality Improvement of the System	**10-Apr-2019** **6**	**151**

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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 :	**2**
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)

* **Inspected bottlenecks in the system • Organizational learning imposed**

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

Plan of Action	Achivements/Outcomes
Project exhibitions	Improved skill set along with exposure
Technical Training, Projects Training, Coding practice, CRT Training	Improved knowledge levels Exposure to industry needs Improved campus placements
Online assessment through Co-Cubes	Improved competitiveness for placements
Implementation of LMS(Bynder, Moodle)	Interaction between students and faculty increased as E-Content and assignments, unit tests were made available

Implementation of MOOCs	Implemented through affiliating university (JNTUK) and Credits are being allotted on successful completion
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Governing Body	22-Apr-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**No**

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

Year of Submission	**2019**

Date of Submission	**20-Feb-2019**

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

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**The following are the modules which are operational • Academics • Examinations • Employee • Library • Correspondence**

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

Aditya College of Engineering (ACE) is affiliated to the Jawaharlal Nehru Technological University Kakinada (JNTUK), Kakinada. The College meticulously plans and develops action plans for effective implementation of the curriculum prescribed by the JNTUK, Kakinada which is in line with the institution's vision to empower society through quality education. ACE meticulously develops action plans for effective implementation of the curriculum. At the outset, the academic committee of the college conducts meetings with the heads of various departments to develop various strategies for effective implementation of the curriculum. Thereafter, the Department Academic Committee (DAC) members of various departments conduct their internal meetings and develop academic plans for the coming academic year. Keeping in view, the number of working days available, the syllabus is divided into units which are to be finished by a given deadline. Each department of the college follows the academic calendar issued by the affiliating university. Teachers are encouraged before and to impart the curriculum through innovative teaching methods such as

presentations, assignments, discussions, workshops, seminars, industrial visits, ICT tools or other means apart from regular/traditional teaching methods and develop course file. College plans the academic schedule as per the university calendar which includes the details like the topics to be taught and no. of working days allocated to the respective topics, syllabus coverage will be reviewed and examinations will be conducted as per the instructions from affiliating University. The implementation of curriculum will be monitored through meetings with Student representatives, Heads of the Departments and Principal at regular intervals.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Software Program by APSSDC	27/08/2018	14	Employabilit y	Software skills were developed
CERTIFICATIO N COURSE ON PLC SCADA	21/05/2018	6	Employabilit y	Skill Developed
Manufacturin g Welding Foundation	18/02/2019	6	Employabilit y	Welding Skills Improving Program
CAD Tools in VLSI	20/05/2019	14	Employabilit y	CAD Tools used in VLSI Design Xilinx Vivado and Mentor Graphics
Certificate Course on Cloud	29/10/2018	6	Employabilit y	Computing on Cloud

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 affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	CE, EEE, ME, ECE, CSE, PT	11/06/2018
MBA	MBA	13/08/2018
Mtech	PE&D, VLSI D, ES, CSE	27/08/2018

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

	Certificate	Diploma Course
Number of Students	137	0

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Certificate Course on P Spice MATLAB (A0218)	04/06/2018	35
Certificate Course on NC TURNING ROB CAD BASICS	22/12/2018	58
Certificate Course on Python Programming	12/11/2018	58
Certificate Course on HYSYS	04/06/2018	10
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	CE, EEE, ME, ECE, CSE, PT	267
MBA	MBA	60
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

A web based application is in implementation to collect the feedback on curriculum/courses and other aspects from different stakeholders such as the Students, Parent, Faculty, Alumni and Employers, which will be analyzed and submit to higher authorities for followup and can be accessed at http://acoe.edu.in/feedback/. The frequency of collecting feedback from various stake holders on curricular and developmental activities is as follows: 1. Students and Faculty – Once in a semester. 2. Parents, Alumni and Employer Once in a year. Academic Audit Committee along with IQAC members analyzes and assesses the feedback collected from stakeholders. The suggestions relevant to curriculum will be submitted in the form of possible recommendations to the affiliating university, when asked. In addition, college focus on the gaps identified and initiates activities to fill the gaps and are given below: ? Faculty Development Programs to enhance quality in competency and pedagogy. ? Encourage faulty members to improve educational qualifications. ? Motivate faculty members to focus on research. ? Organize Seminars/Symposia and Workshops. ? Encourage participation of students in Co and extra curricular activities. ? Enrichment of curriculum through technical seminars/mini projects/student conferences/symposia and innovative club. ? Value added courses such as NPTESWAYAM and MOOCs online courses. ? Trainings to enhance the

communication skills, organizing skills and employability skills. ? Students are encouraged to take up tutorials for all subjects to improve their domain knowledge. ? Encourage students to participate national level competitions such as BAHA, EFFICYCLE to improve their design thinking and creativity.

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
BTech	CIVIL ENGINEERING	60	50	44
BTech	ELECTRICAL AND ELECTRONICS ENGINEERING	120	42	31
BTech	MECHANICAL ENGINEERING	180	84	79
BTech	ELECTRONICS AND COMMUNICATION ENGINEERING	240	193	177
BTech	COMPUTER SCIENCE AND ENGINEERING	120	139	114
BTech	PETROLEUM TECHNOLOGY	60	18	15
Mtech	POWER ELECTRONICS AND DRIVES	18	9	8
Mtech	EMBEDDED SYSTEMS	18	5	4
Mtech	VLSI DESIGN	18	1	1
Mtech	COMPUTER SCIENCE AND ENGINEERING	18	2	1
MBA	MBA	60	56	51
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	299	60	213	15	15

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 Toolsand resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
228	228	6	52	50	6

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

Mentoring is one of the important concepts implemented by our college to bridge the gap between the faculty and learners as learners come from various backgrounds. The aim of mentoring is to understand the attitude of learners, to improve academic performance of learners, to minimize dropouts, to understand and motivate slow learners, to encourage the advanced learners, to motivate learners for higher studies and entrepreneurship and to provide the guidance to take up challenges, wherever necessary. Mentoring system is implemented effectively as a common resolution by the college as heterogeneous aspects are observed among students culture, family background, different states and nations, variations in syllabi. Design Implementation: IQAC initiated the activity by dividing students into a group of 1520 and assigned to a faculty member. Faculty members will be in touch with the students from timetotime and guide them and all the important points of conversation will be recorded in a book. the marks of examinations, attendance along with the problem/issue expressed by the student will be recorded. In specific cases, the details will be reported to HoD and in turn to the Principal to solve the problem/issue in presence of parent. The institutional practice of mentoring system has been designed and implemented to be studentcentric and to render equitable service to students of varied academic and financial backgrounds. Constraints: With the implementation of continuous assessment under the semester system, time factor could be a constraint for Mentors as well as students. Evidence of Success: Mentoring system is very useful and based on the mentors opinion and in consultation with Heads of the departments college organized remedial classes in the identified topics/subjects for slow learners. Targets achieved: Remedial Classes have been implemented based on the students performance and proved to be beneficial to the students at college level Enhanced contact hours between teachers and students Improved students attendance Congenial atmosphere Minimized dropouts

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2485	228	1:11

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
228	228	0	36	23

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	T Veerraju	Associate Professor	SECURED TOPPER IN THE SUBJECT CLOUD COMPUTING CONDUCTED BY NPTEL ECOURSE
2018	S. Sai Ganesh	Assistant Professor	SECURED TOPPER IN THE SUBJECT CLOUD COMPUTING CONDUCTED BY NPTEL ECOURSE
2018	V. Chandra Sekhara Rao	Associate Professor	SECURED ELITE GOLD FROM NPTEL ECOURSE
2018	V. Anantha Lakshmi	Associate Professor	SECURED ELITE GOLD

			FROM NPTEL ECOURSE
2019	JYOTHI BUDIDA	Assistant Professor	SECURED ELITE GOLD TOP 5 IN INDIA FROM NPTEL ECOURSE

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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
BTech	01, 02, 03, 04, 05, 27	Semester	08/05/2019	25/05/2019
Mtech	55, 72, 58, 52	Semester	04/02/2019	06/05/2019
MBA	00	Semester	20/05/2019	21/08/2019

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

College follows the norms, regulations of the affiliating University, JNTUK. JNTUK introduced credit based system with major modifications in the evaluation process and the college adopted the same and implemented successfully the same. JNTUK implemented a change in internal assessment and conducts two term examinations with 80 weight to maximum score and 20 weight to minimum score along with assignment (5 Marks) for a total of 30 marks of internal assessment and 70 marks for external assessment for theory papers. Similarly, for practical sessions, the assessment will be 25 as internal and 50 as external and students are evaluated on the basis of practical work done weekly. In case of academic projects, a Project Review Committee (PRC) comprising HoD, Senior faculty members of each department review the performance of students on a give project work in a series of review meetings. Review meetings are conducted to assess a student continuously in terms of requirements of completion of project work such as title, abstract, flow chart, block diagrams, literature review, methodology, results and conclusions along with necessary figures, tables and codes etc. Additionally, college conduct module wise tests and prefinal examinations to gauge the performance of students. Remedial classes/make up classes/additional assignments will be conducted/given based on the students performance. Further, students are encouraged to deliver the seminars on various topics in the class room.

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

College follows the academic calendar issued by affiliating university, JNTUK. College adheres strictly to the calendar given by framing all the activities within the schedule and in two semesters for an academic year.

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)

http://www.acoe.edu.in/uploads/OBE.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
01	BTech	CE	52	49	94.23
02	BTech	EEE	118	87	80.56
03	BTech	ME	165	113	68.48
04	BTech	ECE	196	110	56.12
05	BTech	CSE	118	82	69.49
27	BTech	PT	68	50	73.52
52	Mtech	PE & D	8	8	100
72	Mtech	VLSI D	6	6	100
55	Mtech	ES	2	2	100
00	MBA	MBA	59	55	93.2
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2.7 – Student Satisfaction Survey

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

http://www.acoe.edu.in/?p=STUDENT_SATISFACTION_SURVEY

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Industry sponsored Projects	90	RMK INFRA KAKINADA	0.6	0.6
Industry sponsored Projects	90	AUTOFIXA	0.45	0.45
Industry sponsored Projects	60	NFCL	0.3	0.3
Industry sponsored Projects	45	NFCL	0.35	0.35
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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Area of measurements by Total station	CE	10/10/2018

Advances in Computational Techniques for Electrical Systems	EEE	27/05/2019
Advances in Electric Drives	EEE	28/05/2019
Workshop on Intellectual Property Rights for Students and Faculty Members	ECE	10/01/2019
India First Leadership Talk Series on Planning for Career	ECE	24/01/2019
Recent Trends in Wireless Communications	ECE	22/09/2018
Recent Trends in Signal Image Processing	ECE	07/06/2018
A two day workshop on block chain technology	CSE	20/09/2018
Seminar on latest trends technologies	CSE	14/07/2018
Industrial Automation and Turbo Machinery	ME	20/08/2018
Overview of chemical process in petroleum and chemical industry	PT	04/04/2019
Off shore jacket structures Risk Based Assessment for the at KG D6 filed	PT	07/12/2018
Subsea Inspection Maintenance and repair	PT	08/12/2018
Role of geophysics in petroleum exploration	PT	02/08/2018
Seminar on IPR PATENTS	MBA	11/02/2019

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Automatic Drip irrigation for organic cultivation	M. Veerendra	(ELECTRENZ) VEDA 2K18	14/09/2018	First
Customized hydroponic design for households	Aditya College of Engineering	International Institute of Entrepreneurship Development	18/04/2019	Venture Development Diploma Program (VDDP)
Institution Innovation Council	Aditya College of Engineering	MHRD	21/11/2018	Innovation Cell
AICTE Internshala	Aditya College of Engineering	AICTE	07/05/2019	All India Rank 79 Zonal Rank

2019 Ranking					20
AICTE Chatra Viswa Karma Awards 2018	1. Aditya Shasank PSKPVS 2. A Surya Prakash 3. K Mahesh 4. Shiva Kumar	AICTE	12/11/2018		Selected at AICTE Regional Level participated at National Level

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Aditya College of Engineering	Aditya Global Business Incubation	TBI	Nightout App (IDAP00NOAP0214)	Online Education Service / Learning App	27/03/2019

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
4	6	10

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

Name of the Department	Number of PhD's Awarded
No Data Entered/Not Applicable !!!	

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	CE	4	3.78
International	EEE	7	4.67
International	ME	5	3.6
International	ECE	1	0.9
International	CSE	4	4.97
International	HBS	8	2.68

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

Department	Number of Publication
CSE	4

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation

	No Data Entered/Not Applicable !!!
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	11	35	64	12
Presented papers	20	6	2	0
Resource persons	0	1	4	0
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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Blood Donation Camp	NSS with Rotary blood bank, Kakinada	80	20
Blood donation camp	NSS with Indian Red cross society	35	415
Republic Day Celebrations	NSS with JNTUK	2	98
NSS special camp	NSS with Institutional	4	50
Blankets distribution	NSS with Institutional	2	20
Que line control	NSS With AP police	4	56
NSS Foundation day	NSS with Institutional	10	100
Clay ganesha idol distribution	NSS with Institutional	8	72
Teachers day	NSS with Institutional	46	150
Fruits distribution at oldage home	NSS with Institutional	3	36
Career orientation to school children	NSS with Institutional	3	35

Fund raising to Kerala Flood Victims	NSS with Institutional	2	80
Independence day	NSS with JNTUK	2	98
Tree plantation	NSS with Institutional	8	100
Volunteers Orientation	NSS with Institutional	3	100

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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Nightout APP	Certificate of Recognition	AP Innovative Society, Dept. of ITE C for startup	100
Establishment of Institute Innovation Cell (IIC)	MHRD Certificate	MHRD, Govt. of INDIA	300
AICTE Internshala 2019	All india 79th rank and Zonal 20th rank (for april to June 2019)	AICTE	300
Blood Donation Camp	Certificate of Appreciation	Lions Club	320
National Enterprenuourship Development chapter	Certificate of Appreciation	Enterprenuours Council of India	60

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
National service Scheme	NSS with Institutional	Womens day celebrations	20	50
National service Scheme	NSS with government of India	UBA Survey	8	200
National Service Scheme	NSS with Institutional	Aids awareness rally	8	200
National service Scheme	NSS with Institutional	Donation of weekly groceries at Oldage home	4	42
National service Scheme	NSS with Institutional	Food donation to school children	2	40

National service Scheme	NSS with government of India	Swachh bharat summer internship	8	100
National service Scheme	NSS with Institutional	Kargil Vijay Diwas	8	126
National service Scheme	NSS with Institutional	Women Rights awareness program	6	235
National service Scheme	NSS with Institutional	Books and Stationary donation	2	20
National service Scheme	NSS with government of India	Yoga practice session	20	200

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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
To promote research activity among students	225	Self financed by Institute	1

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Byndr Technologies India Pvt. Ltd.	15/06/2018	Provide license for LMS along with licensed materials and data	350
Pearson VUE	21/01/2019	Authorized Exam Centre	50
Automation Any Where	22/10/2018	Provide Training and Certificate	35
AWS Education Support	06/11/2018	Provide Training and Certificate	46

| VMware IT Academy Program | 16/08/2018 | To design Applications by using VM ware Tools | 38 |
| Edyst Training Assessment and Placements | 20/12/2018 | Provides Internships | 18 |

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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
625	623.67

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
Value of the equipment purchased during the year (rs. in lakhs)	Existing

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
ECAP	Fully	2011	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	30066	6519691	145	73434	30211	6593125
Reference Books	4105	1252025	0	0	4105	1252025
e-Books	2628	3562000	0	0	2628	3562000
Journals	60	80035	0	0	60	80035
e-Journals	2	17400	0	0	2	17400
Digital Database	4000	0	0	0	4000	0
CD & Video	3500	0	0	0	3500	0
Library Automation	1	0	0	0	1	0

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. A. Ramesh	Electrical Networks	https://youtu.be/65KHaw5Z1Gc	15/02/2019
Dr. A. Ramesh	Electrical Networks	https://youtu.be/BsZ1v2IMScA	15/02/2019
V. Anantha Lakshmi	Concepts on Java Programming	Moodle	17/09/2018
K.B.N Rajesh Naidu	Concepts on C Programming	Byndr	16/08/2018

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	640	482	640	20	72	20	31	64	15
Added	16	0	0	16	0	0	0	36	0
Total	656	482	640	36	72	20	31	100	15

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

<div align="center">100 MBPS/ GBPS</div>

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Technical Hub (THUB)	https://youtu.be/DruR2Qc9eKI
"Nightout" app developed by THUB	https://youtu.be/65KHaw5Z1Gc
"Nightout" app developed by THUB	https://youtu.be/BsZ1v2IMScA

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 facilites
75	74.53	50.1	49.69

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

College deployed the structured system with necessary infrastructure and facilities to facilitate an effective teaching and learning. College replaces or upgrade the equipment to meet the changes in the syllabus made by the

university from time to time. All the class rooms, laboratories, computer labs and library are maintained properly along with the stock registers. Classrooms: Adequate number of class rooms with LCD projectors is available. In addition to this, tutorial rooms are available for each department to conduct remedial/tutorial/make up classes. Computer Labs: Computing facility is with the studentcomputer ratio as 1:1. As per the curriculum, laboratory sessions will be conducted and students can take up additional session as per his/her requirement with the continuous support from the technicians and programmers continuously. Library: Central Library works from 8 AM to 8 PM in general and working hours will be extended up to 10PM during examinations. Library is equipped with sufficient number of titles and volumes for different courses. Volumes are updated as per the curriculum requirements and students are permitted to borrow 4 books at a time apart from the copies of reference section. Moreover, students can book a title, if it not available for issue. Digital Library has been setup with 30 high end systems connected with high speed network connectivity to access all eresources, video content and e learning materials. Apart from this, department libraries maintain copies of standard/reputed text books for ready access of faculty/students. Sports complex other facilities: Amenities like GYM, Aerobic centre, sports and games facilities, round the clock medical and ambulance facilities are provided to create an atmosphere to main physical fitness and students are encouraged to utilize the resources for hostellers. Similarly, day scholars also utilize the available facilities and a separate bus facility is made available for them to reach their destinations.

http://www.acoe.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 Scholarship, Fees reimbursement by Andhra Pradesh State Govt, National Scholarship Scheme Aditya College of Engineering	1970	63963580
Financial Support from Other Sources			
a) National	0	0	0
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 implemetation	Number of students enrolled	Agencies involved
CRT Training	11/06/2018	996	CRT Training Team
Yoga and Meditation	18/06/2018	876	Institutional
Elephos Training	18/06/2018	281	Elephos
Soft skills and	18/06/2018	78	Elephos Educational

Aptitude Training			Services 189/A Ground Floor Rd, 12 MLA Colony, Banjara Hills, Hyd500034, Telangana India
Guidance for Competitive Examinations	18/06/2018	178	T.I.M.E D.no. 49525/3, Sankar Matham,Main Road, Besides Canara Bank, Santhipuram, Visakhapatnam530016 Mobile: 9967583385
Personal Counseling	25/06/2018	2136	Dr. Jaganadh Rao, Ph.D in Parapsychol ogy(UK),No:14, Sri Venkateswara Building, 3rd Floor ,DVG road, Bangalore560007
Remedial Coaching	18/06/2018	85	Department of CSE
Guidance for Competitive examinations	25/06/2018	255	T.I.M.E D.no. 49525/3, Sankar Matham,Main Road, Besides Canara Bank, Santhipuram, Visakhapatnam530016 Mobile: 9967583385
Soft Skill Development	18/06/2018	2032	Aditya College of Engineering, Aditya Nagar, ADB Road Surampalem533437, E.G.Dt., AP, Ph: 9949876662, 08842326202 Elephos Educational Services 189/A Ground Floor Rd, 12 MLA Colony, Banjara Hills, Hyd500034, Telangana India
Language Lab	18/06/2018	278	English Communication Lab Aditya College of Engineering, Aditya Nagar, ADB Road Surampalem533437, E.G.Dt., AP, Ph: 9949876662, 08842326202
Mentoring	11/06/2018	1800	Faculty Members
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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 passedin the comp. exam	Number of studentsp placed
2018	ELEPHOS	0	176	0	151
2018	CRT/ Competitions/ Career counselling	233	2474	6	229
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
44 Companies	2379	155	3	218	14
View File					

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	1	B.Tech	CE	K L UNIVERSITY	M.Tech
2018	1	B.Tech	CE	VIGNAN UNIVERSITY	M.Tech
2018	2	B.Tech	CE	G V P COLLEGE OF EGINEERING (A)	M.Tech
2018	3	B.Tech	EEE	Aditya College of Engineering	M.Tech
2018	2	B.Tech	ECE	Aditya College of Engineering	M.Tech
2018	3	B.Tech	CSE	Simon Frasel University, Canada	MS
2018	4	B.Tech	CSE	JNTUK	M.Tech

| 2018 | 5 | B.Tech | PT | UPES, Dehradun | M.Tech |

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

Items	Number of students selected/ qualifying
GATE	3

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

Activity	Level	Number of Participants
Athletics	Central Zone	600
Sports and Culturals	Central Zone	350
VEDA 2K18	National	850

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	JNTUK Selection	National	1	0	17MH5A0230	M. BALA DURGA VENKATA RAO
2018	CHAMPION-ATV at KLEF, Vijayawada	National	1	0	15MH1A0329 ,15MH1A032 5	K. Tarun Babu, J. Anil Kumar

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

Student representatives are the members of all the committees of the college include IQAC, academic and administrative bodies. Students participate in meetings along with the faculty and other members and suggest the measures based on their needs such as guest lectures, industrial visits, trainings and internships required. In case of any meeting or event or programme, students are assigned organizing activity along with faculty members to carry out successfully with an aim of participative learning. In doing so, it is expected that students can acquire necessary skillset to fulfil the completeness.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni association has been formed with registration number as 690 of 2012 with office of the Andhra Pradesh Societies Registration act 35 of 2001. It has a student governing body with President, Vicepresident, Secretary, Treasurer and General Secretary. President is the senior student volunteer who looks after

all the meetings, financial aids, and organizing various events with the help of the members of the association with the guidance of governing body members (Chairman, Convenor, and departmental faculty members). Vicepresident discharges his duties in the absence of the President. Treasurer takes care of the financial issues and other responsibilities assigned to him by the President. The Management members take part actively in all the activities performed by the alumni association. College encourages alumni to provide structured feedback about the curriculum, exam patterns and infrastructural facilities offered and the valid suggestions are implemented. Alumni meets are conducted every year with the objective to create awareness about the job opportunities accessible in the present world, to craft their juniors be familiar with about the strategic methods to meet the requirements of diverse competitive exams like GRE, TOFEL, and other job oriented exams like RRB, SSC, Groups, Bank, Public Service Commission examinations, and etc., This association assist students to realize about special scholarships and free ships on hand to different categories of students based on their qualification and skills provided by governmental and nongovernmental organizations. Especially, students staying in abroad motivate other students to find their luck in the foreign land. Arranging guest lectures, industrial tours, internships, workshops and seminars, trainings and organizing skill development programs to enhance the knowledge of the students in a variety of technical and non technical fields are some of the most important responsibilities handled by the association. It assists economically poor students by endow with financial aid and by giving meritorious awards to the students who are good at their academics through NGOS like Saadhya foundation, Helping hands activities etc. in which the Alumni Association are actively involved. College alumni association has its portal/link to get membership forms for the students. Students who have completed their study can register their names in portal by providing their basic information. In toto, Aditya's alumni association is a great strength to the Management as well as to the students which builds an uncompromising bond among students.

5.4.2 – No. of enrolled Alumni:
209

5.4.3 – Alumni contribution during the year (in Rupees) :
603000

5.4.4 – Meetings/activities organized by Alumni Association :
One Alumni meet conducted on 10.01.2019.

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)

Practice 1: Empowerment of Heads of the departments to sanction money with a ceiling of Rs. 10000/ and Principal with a ceiling of Rs. 25000/. All the heads of departments are empowered to take decisions in conducting workshops/ seminars and their associated petty expenses. After completion of the event, HoDs are required to submit the bills to the college with the approval from the Principal. Similarly, Principal also empowered to sanction money on need basis. Practice 2: Academic freedom to all teaching staff. All the faculty members and heads of the departments are empowered to assess students freely and evaluate them based on their performance. College encourages faculty members and students to share their knowledge through discussions, presentations and seminars. A staff member encourages students to participate in the events to

present their ideas and in turn helps them to learn further.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	A prospective curriculum plan will be developed in line with the academic calendar issued by affiliating University (JNTUK). A tentative lesson plan will be prepared and displayed in the notice boards, further, identified gaps in the curriculum will be filled up in the form of seminars, guest lectures etc.
Teaching and Learning	Faculty members try to visualise the concepts to inject them into the young minds through presentations, animations and videos apart from conventional Chalk and talk. Faculty members are encouraged to attend FDPs offered by reputed Institutions and the knowledge gained will be disseminated among the students and staff. Similarly, project prototypes and replica of prestigious national project such as Polavaram. Replica of Polavaram project is constructed in the college campus to showcase the importance and technicalities involved in the project to all the students and staff.
Examination and Evaluation	Midterm and semesterend examinations will be conducted as per the academic calendar issued by the affiliating university (JNTUK). Apart from this, unit tests and prefinal examination will be conducted at college level.
Research and Development	College established a linkage with M/s CL Educate Pvt. Ltd. to focus on research. Students will be trained to carry out the research work and publish the work done. Apart from this, Faculty members apply for research projects and publish their research work.
Library, ICT and Physical Infrastructure / Instrumentation	College subscribed a wide range of research journals, Ebooks and other digital resources along with the adequate number of titles and volumes of text books both for issue and reference. College maintains all the class rooms with LCD projectors, laboratories and equipments as per the regulations along with library and WiFi

	facility. Seminar halls are equipped with LCD projectors and PA system for smooth conduct of seminars, guest lectures. College campus is equipped with all facilities such as Gymnasium, Sports kits, Play grounds for all the co and extracurricular activities.
Human Resource Management	College made a policy document contains all the service rules and the details related to leaves, onduty, medical leaves etc. These rules will be implemented strictly in the college campus and these will be changed periodically.
Industry Interaction / Collaboration	Industrial experts are in general invited for expert talks to deliver to students. A linkage is being maintained with the surrounding industries for consultancy, students internships, industrial visits and project works. College has MoUs with Infosys Campus Connect Microsoft Innovation Centre Global Business Incubation Centre TCSIon ITU, Canada Adobe Creative Academy Govt. of AP for SDC Kabul Polytechnic University, Afghanisthan Aspiring Minds.
Admission of Students	Admissions will be done as per the rules laid down by Andhra Pradesh State Higher Education (APSCHE) through Engineering Agriculture Medical Common Entrance Test (EAMCET) for 70 of sanctioned intake. Remaining 30 of admissions will be under management quota as per the rules laid down by the govt. of Andhra Pradesh.

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

E-governace area	Details
Planning and Development	Institution is well connected to social media with interest groups to share views and develop strategic plans. THub was created to develop and implement new technologies. Innovation Lab was introduced to give life to innovative ideas.
Administration	A dedicated mail with @acoe.edu.in was provided to all the employees for paper less governance.
Finance and Accounts	College encourages cashless transactions by providing POS machines, online transfer facilities for corruption free and clean transactions.
Student Admission and Support	EAMCET and web counselling

Examination	Institution is having facilities for the conduct of Online examinations as per the guidelines of the affiliating university, JNTUK

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
No Data Entered/Not Applicable !!!				
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	A two day workshop	Product life Cycle Management of Automotive VehiclesAn Industry Perspective	29/04/2019	30/04/2019	12	0
2019	Five day training programme	Advances in Computational Techniques for Electrical Systems	27/05/2019	31/05/2019	15	0
2019	STTP	PLC Programming	27/05/2019	06/06/2019	0	4
2019	Flow Assurance	PT	16/05/2019	18/05/2019	10	2
2018	A three day workshop	ENGLISH COMMUNICATION SKILLS	20/08/2018	22/08/2018	16	3
2019	A two day seminar	Hands on Experience in Maintenance and Troubleshooting of Refrigeration and Air	01/03/2019	02/03/2019	15	0

2019	A two day workshop	Product life Cycle Management of Automotive VehiclesAn Industry Perspective	29/04/2019	30/04/2019	12	0
		Conditioning Systems				
2018	ENVIORNMENT PROTECTION	English Communication Skills	20/08/2018	22/08/2018	16	3

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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
ELECTRONIC CIRCUIT SIMULATION USING NI MULTISIM SOFTWARE	1	02/04/2019	02/04/2019	1
RESEARCH SCHOLOR SUMMIT	1	03/12/2018	03/12/2018	1
ONEDAY WORKSHOP ON NPTEL	1	24/08/2018	24/08/2018	1
Faculty Development Programme(FDP) ON Trends in Reconfigurable (FPGA) SoC Design	1	26/11/2018	30/11/2018	5
FDP in Down Stream Process: Refinery	9	04/06/2018	08/06/2018	5
ENVIORNMENT PROTECTION	16	20/08/2018	22/08/2018	3
FDP in Engineering subjects	2	02/05/2019	16/05/2019	14
Advances in Computational Techniques for Electrical Systems	12	27/05/2019	31/05/2019	5
Hands on Experience in	15	01/03/2019	02/03/2019	2

Maintenance and Troubleshooting of Refrigeration and Air Conditioning Systems				
Product life Cycle Management of Automotive VehiclesAn Industry Perspective	12	29/04/2019	30/04/2019	2
Hands on Experience in Maintenance and Troubleshooting of Refrigeration and Air Conditioning Systems	15	01/03/2019	02/03/2019	2
Product life Cycle Management of Automotive VehiclesAn Industry Perspective	12	29/04/2019	30/04/2019	2
Recent Trends in Signal Processing	12	23/04/2019	23/04/2019	1
NEXT GENERATION WIRELESS TECHNOLOGIES THROUGH ICT	2	26/11/2018	26/11/2018	1
Matlab FDP Progrom	1	25/02/2019	25/02/2019	1
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
228	228	74	74

6.3.5 – Welfare schemes for

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

price.		

6.4 – Financial Management and Resource Mobilization

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

College maintains all the books and ledgers properly and regularly conducts the financial audits both internal as well as external. Internal audit will be conducted by Sri Sista Srinivas Rao CA vide Membership No. Is 022084, and external audit will be conducted by Sri V.V. Satyanarana Vissapragada vide Membership No.203908.

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
Institute Management	305131	Efficycle Project
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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	Yes	JNTUK, Kakinada	Yes	Principal
Administrative	Yes	JNTUK, Kakinada	Yes	Principal

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

Informal meetings are being conducted with parents to identify the issues related to students. Feedback from parents will be collected and it is analyzed. necessary action will be taken wherever necessary.

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

Supporting staff are encouraged to continue their education for improvement of their qualification. 1. Workshop Conducted on Advanced Computing Technologies for Lab Technicians 2. ThreeDay workshop on MS Office for Library and nonteaching staff. 3. Clean and green programme for all non teaching and support staff.

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

1. Institution Affiliated Permanently and Applied for UGC 12(B) 2. Institute initiates to appointed more number of Ph.D. 3. Project Sanctioned Rs. 20,00,000 by National Council for Science Technology Communication (NCSTC), Department of Science Technology (DST) and also proposed more number of projects.

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	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Quality Improve of the System	10/04/2019	10/04/2019	10/04/2019	151

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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
Awareness Programme on Women Health and Safety	06/12/2018	06/12/2018	150	40

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
Power requirement met by renewable energy sources : 50.63 Total power requirement : 962000 Renewable energy source : Solar Panels Renewable energy generated and used : 486000

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	4
Provision for lift	Yes	4
Ramp/Rails	Yes	4
Rest Rooms	Yes	4
Scribes for examination	Yes	4

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
2018	0	1	16/08/2018	1	Swachh Bharat	Awareness on Cleanliness and healthy living conditions	79
2018	0	1	08/12/201	1	A	Awareness	87

| | | 8 | programme on digita lization of modern India | on Digital t ransactio ns | |

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

Title	Date of publication	Follow up(max 100 words)
Code of Conduct on Service rules for Teaching and Non Teaching staff	27/09/2018	1. Service rules for staff 2. Responsibility and Accountability 3. Punctuality and Attendance 4. Leaves and medical leave 5. Publication of Research Papers Books and Participation in Research Projects, Seminars, Conferences etc. 6. Discipline code for students and staff 7. Instructions to students 8. Guidelines to Parents

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
HUMAN RIGHTS DAY	10/12/2018	10/12/2018	210
STUDENT INDUCTION PROGRAMME	18/06/2018	23/06/2018	255

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

1. Rooftop solar power plant 2. Sprinklers are used in gardens to prevent water wastage 3. Rain water harvesting 4. Reverse Osmosis (RO) water treatment plant 5. Energy efficient Lighting system is established through LED bulb 6. Battery operated vehicles is used for transport within the campus 7. Smoking is strictly prohibited inside the campus 8. Plastic free campus 9. Paperless Communication(email/whatsapp communication) through intranet 10. Water management 11. Waste management 12. Ewaste management 13. Use of renewable energy 14. Energy Audit

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1: Title of the Practice: Food from hostels is being distributed to an orphanage in Peddapuram village. Objectives of the Practice: • Food is important resource for humans to survive therefore, it should not be wasted. • Inculcate values among student community by involving them in activity • Participative and experiential learning for students and staff. Best Practice 2: Title of the Practice: Distribution of clay idols of Lord Vinayaka with plant seeds on the eve of Vinayaka Chaturdhi Objectives of the Practice: • It has been a regular practice in the campus to distribute clay idols of Lord Vinayaka • Seeds are placed in the clay idols so that the devotees are forced to put that idol in a tumbler after Vinayaka puja. • The objective is to promote greenery in and around houses, offices and surroundings. • The aim is to promote clay idols to avoid environmental pollution

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

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

Subject certified courses and Value added courses trained and provide certificate by Technical Hub. Most of the students to be benefited these courses other than their academics.

Provide the weblink of the institution
https://technicalhub.io/

8.Future Plans of Actions for Next Academic Year

Aditya College of Engineering is tuned to adapt, to the change required, and implement the same from time to time to perceive the goals and fulfill the objectives. The following are the future plans to sustain the existing status and ensure continuous improvement of the College. • Encouraging faculty members to complete their doctoral degrees and to continue research activities through quality publications and research projects • We are planning to establish a University recognize research center to enhance research work. • Encouraging the faculty members to come up with new innovative ideas towards designing and copy rights. • Encouraging the students to explore their ideas and incubate so that they become a successful entrepreneur. • We are in a process of Reaccreditation by NAAC of our college. • We applied for 12(b) status of UGC Act 1956. • We are encouraging the students to apply for more number of internships to enhance their technical skills. • Support for the student participation in national/international technical competitions/events like "Chhatra Viswa karma awards" by AICTEMHRD, Smart India Hackthon and University Innovation fellows(Stanford University). • Conduct annual Student Satisfaction Survey to enhance the facilities for students. • To improve support systems for academically weak and vulnerable students. • Create a Diversity Cell to address needs/complaints of diverse students on the campus and ensure fairness and no discrimination. • To conduct more number of genders equity programmes for women students and convey the exiting career opportunities for engineering education.