



Yearly Status Report - 2019-2020

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://acoe.edu.in/uploads/AQAR%20FINAL%20AFTER%20SUMMISSION.pdf			
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/Academic%20Calendar/Academic%20and%20event%20%20calendar%202019-20.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		

A Two day seminar on Technology Enabled Learning and Teaching	13-Mar-2020 2	95
A four day Workshop on Intellectual Property Rights(IPR)	06-Jan-2020 4	110
A One day Seminar on Entrepreneurial Skill and Development Programme	21-Dec-2019 1	90
A Four Day Workshop on Patents, Copy Rights, Branding & Trade Marks	11-Feb-2020 4	53
A Four Day Workshop on Writing a review paper	17-Feb-2020 4	80
A Three day college level Boot camp on Ideation and Venture creation	05-Dec-2019 3	60
No Files Uploaded !!!		

8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
No Files Uploaded !!!				

9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

3

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

Yes

Upload the minutes of meeting and action taken report

[View File](#)

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

No

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

- Inspected bottlenecks in the system
- Organizational learning imposed
- Motivated Entrepreneur Activities and Startups

No Files Uploaded !!!

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
Promotion of Research Culture among Students	Students started publishing papers in reputed journals/conferences
Implementation of MOOCs	Implemented through affiliating university (JNTUK) and Credits are being allotted on successful completion
Implementation of LMS (Target, Moodle)	Interaction between students and faculty increased as E-Content and assignments, unit tests were made available
Online assessment through Co-Cubes	Improved competitiveness for placements
Technical Training, Projects Training, Coding practice, CRT Training	Improved knowledge levels. Exposure to industry needs. Improved campus placements with high package
Project Exhibitions	Improved skill set along with exposure
No Files Uploaded !!!	

14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Governing Body	20-Nov-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

2020

Date of Submission

06-Feb-2020

17. Does the Institution have Management Information System ?

Yes

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

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 is affiliated to the Jawaharlal Nehru Technological University Kakinada (JNTUK), Kakinada. The College meticulously plans and develops action plans for effective implementation of syllabus prescribed by the JNTUK, Kakinada which is in line with the institution's vision to empower society through quality education. Curriculum Planning As per the established norm, the IQAC of the institution asks all the departments to prepare the curriculum plan before the beginning of the academic year and the same is consolidated after the necessary approvals. Heads of the departments (HoDs) allocate available courses to all the faculty members based on their specialization, experience before the beginning of the semester/academic year. HoDs conduct meetings with all faculty members and prepare curriculum plan as per the schedules given by JNTUK which include syllabus coverage, deployment strategies, seminars, guest lectures, workshops and industrial visits as per the requirements. Curriculum also covers cross cutting issues like gender sensitization, environment and sustainability, professional ethics and human values. Curriculum Delivery Teachers are encouraged to deliver the course contents effectively using ICT and innovative methods. The implementation of curriculum will be monitored continuously by the HoDs and the Principal by taking the feedback from faculty members and class, teaching diary, time required for delivering if there is any lag. Teachers regularly write diaries to document the pedagogy and the time required to complete the same effectively besides the methods of delivering the curriculum so that students not only acquire knowledge and skills but also develop competence necessary after going through the course. The outcomes are specifically identified and the details are also updated on the website.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
A Certificate Course on Cyber Security	Nil	15/07/2019	6	Employability	Software Development
A Certificate course on Big Data Analysis	Nil	15/07/2019	12	Employability	Software Development
A Certificate Course on PRO-E	Nil	22/07/2019	6	Employability	Software Development
A Certificate course on SYSTEM	Nil	09/12/2019	6	Employability	Software Development

SECURITY						
A	Nil	09/12/2019	6	Employabil ity	Software Development	
Certificate course on Drilling Simulation Software						
A	Nil	16/12/2019	6	Employabil ity	Software Development	
Certificate course on E TABS SOFTWARE						
A	Nil	09/03/2020	6	Entreprene urship	Business Development	
Certificate Course on Sustainable Development Goals						
A	Nil	23/10/2019	6	Entreprene urship	Business Development	
Certificate course on Business Skills						
A	Nil	02/12/2019	6	Employabil ity	Software Development	
Certificate course on RPA						

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 !!!		
View File		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Civil Engineering	10/06/2019
BTech	Electrical & Electronics Engineering	10/06/2019
BTech	Mechanical Engineering	10/06/2019
BTech	Electronics & Communication Engineering	10/06/2019
BTech	Computer Science and Engineering	10/06/2019
BTech	Petroleum Technology	10/06/2019
MBA	Master of Business Administration	08/07/2019
Mtech	Computer Science and	16/09/2019

	Engineering	
Mtech	VLSI Design	16/09/2019
Mtech	Embedded Systems	16/09/2019
Mtech	Power Electronics and Drives	16/09/2019

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

	Certificate	Diploma Course
Number of Students	1395	Nil

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 Cyber Security	15/07/2019	138
Certificate Course on PRO-E	22/07/2019	98
A Certificate course on Business Skills	23/10/2019	34
A Certificate course on Drilling Simulation Software	09/12/2019	50
A Certificate course on E TABS SOFTWARE	16/12/2019	69
No file uploaded.		

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	Civil Engineering	32
BTech	Electrical & Electronics Engineering	60
BTech	Mechanical Engineering	90
BTech	Electronics & Communication Engineering	52
BTech	Computer Science and Engineering	26
BTech	Petroleum Technology	30
No file uploaded.		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	No

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

Feedback Obtained

The feedback is collected from different stakeholders such as students, teacher, employer and alumni on Curriculum, syllabi and lecture classes. The common template of the feedback is given by feedback committee for different stakeholders. The frequency of collecting the feedbacks from different stakeholders is yearly twice which means once in a semester. While collecting the feedbacks the strict confidentiality is maintained throughout the college. After collecting the feedbacks which will be analyzed by the feedback committee members and appropriate actions will be taken by the department level/institutions level. Also the suggestions relevant to curriculum will be submitted to in the form of possible recommendations to the affiliating university. In addition the college is focused to fill the gaps which find from feedback systems. Through the analysis report of the feedback systems, Certificate courses are conducted for the students to enhance the knowledge and some internship, seminars and workshops are offered to the students to strength the knowledge. Besides that the faculty members are motivated to attend the faculty development programme to enhance their knowledge. The analysis and action taken report shall be documented in the standard format of the institution which will be submitted to the principal for the approval for the board of Management and for the documentation in the AQAR report to NAAC. The same will be uploaded to a separate URL in the institutional website.

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
2019	2279	127	173	7	3

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
183	183	12	52	Null	7

[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)

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 15 to 20 and assigned to a faculty member. Faculty members will be in touch with the students from time to time 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 student centric 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
2406	183	1:13

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
35	35	Nil	35	8

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 !!!			
View File			

2.5 – Evaluation Process and Reforms

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

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

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. The assessment of the students performance in each course will be based on Continuous Internal Evaluation (CIE) and Semester-End Examination (SEE). The performance of a student in each semester shall be evaluated subject-wise with a maximum of 100 marks for theory subject and 50 marks for practical subject. For theory subjects the distribution shall be 25 marks for Internal Evaluation and 75 marks for the End Examinations. 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 25 marks of internal assessment and 75 marks for external assessment for theory papers. Similarly, for practical sessions, the assessment will be 20 as internal and 30 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
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)

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	Total grant	Amount received

		agency	sanctioned	during the year
Industry sponsored Projects	30	Sri Krishna Ayurvedham Kakinada	0.24	0.24
Industry sponsored Projects	90	R.S.R Infra	0.31	0.31
Major Projects	365	National Council for Science and Technology Communication	19.98	0
Minor Projects	60	Sarojini Educational Society	0.35	0.35
No file uploaded.				

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
A two day workshop on, Writing a review paper	CIVIL	17/02/2020
A Four Day Workshop on Patents, Copy Rights, Branding Trade Marks	ME	11/02/2020
A One day Seminar on "Entrepreneurial Skill Development Program	CSE	23/12/2019
A two day workshop on Role of IPR and innovation management for academia - industry collaboration .	ECE	06/11/2019
Intellectual Property Rights(IPR)	EEE	06/01/2020
A Three day college level Boot camp on Ideation and Venture creation	EEE	05/12/2019
Patent drafting, filing and processing	BSE	12/02/2020
A one day seminar on Research in engineering and writing of a research Article	ME	17/04/2020
A One day seminar on How to organise online classes using Micro-soft Teams	CSE	20/04/2020
A four day webinar on Research writing skills	MBA	16/09/2019

considering a case study

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
Best Design	Aditya College of Engineering	GMRIT	02/01/2020	Nil
Best Manoeuvrability (Go-kart)	Aditya College of Engineering	GMRIT	02/01/2020	Nil
No file uploaded.				

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
Technology business incubation (TBI)	Entrepreneurship, Innovation and start-ups centre (EISC)	Self	Hydrotribe Pvt. Ltd.	Agricultural innovations	13/08/2020
Livelihood Business incubation (LBI)	ACOE- Entrepreneurship Development Cell	Self	R4	Waste management	11/02/2020
Technology business incubation (TBI)	ACOE- Entrepreneurship Development Cell	Self	Project Ak	Home and process automations	04/02/2020
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
2	8	12

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	ME	7	1
International	CE	6	1.25
International	EEE	14	2.4
International	CSE	11	1.26
International	ECE	18	1.9
International	HBS	10	1

No file uploaded.

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
ME	2
EEE	6
ECE	3
CSE	4
HBS	4

No file uploaded.

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 !!!						
View File						

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
View File						

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

Number of Faculty	International	National	State	Local
Presented papers	18	1	Nil	Nil
Attended/Seminars/Workshops	Nil	3	26	22
Resource persons	Nil	3	8	Nil

No file uploaded.

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
No Data Entered/Not Applicable !!!			
View File			

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Blood Donation Camp	Appreciation (Chairman Bday)	Lions Club	200
International food day	Appreciation	Local Body	90
Literacy survey	Appreciation	Local Body	85
Eye awareness program	Appreciation	Local Body	63
Blood Donation	Certificate of accreditation	Lions Club	65
Books Stationary Donation	Appreciation	Local Body	63
No file uploaded.			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!				
View File				

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
No file uploaded.			

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 !!!					
View File					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
232	231.14

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Video Centre	Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
View File	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
ECAP	Fully	5.0	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
CD & Video	3500	Nil	500	Nil	4000	Nil
Library Automation	1	238999	Nil	15525	1	254524
Text Books	30662	6741851	324	145463	30986	6887314
Reference Books	4150	1265025	34	10200	4184	1275225
e-Books	443	439407	1313	697846	1756	1137253
Journals	60	529406	10	95410	70	624816
e-Journals	2	36870	2	95410	4	132280
Digital Database	4000	Nil	500	Nil	4500	Nil
No file uploaded.						

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	656	482	640	36	72	20	31	100	15
Added	10	0	0	0	0	0	0	60	0
Total	666	482	640	36	72	20	31	160	15

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

160 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
5D Cam kit	http://acoe.edu.in/videos/Media%20Kit.mp4
Ronin S kit	http://acoe.edu.in/videos/Media%20Kit.mp4
Panasonic AGUX 90 4K Cam	http://acoe.edu.in/videos/Media%20Kit.mp4
Sonia Heavy duty Tripod	http://acoe.edu.in/videos/Media%20Kit.mp4
Light Stands	http://acoe.edu.in/videos/Media%20Kit.mp4
1000 Watt Lights	http://acoe.edu.in/videos/Media%20Kit.mp4
Slider Set	http://acoe.edu.in/videos/Media%20Kit.mp4
Zip Crane(8 ft.)	http://acoe.edu.in/videos/Media%20Kit.mp4
Green, White, Black Matt Suits	http://acoe.edu.in/videos/Media%20Kit.mp4
Rode Cordless mic's	

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
276	275.8	119	118.2

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 room with LCD projectors is available. In addition to remedial/tutorial/make up classes. Computer Labs: Computing facility is with the student computer ratio 4:1. 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 10 PM. 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 is not available from issue. Digital Library has been setup with 20 high end systems connected with high speed network connectivity to access all e- resources, 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, sports and games facilities, round the clock medical and ambulance facilities are provided to create an atmosphere to maintain 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/Committees/2019/BWC%202019-20.pdf>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Merit Scholarships provided by the Institution	998	1821000
Financial Support from Other Sources			
a) National	Fees reimbursement by Andhra Pradesh State	1581	81589000

	Government		
b)International	International Students Government Sponsored under PIO category	7	2948000
No file uploaded.			

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
Soft Skills –CRT Training	17/06/2019	2045	i) Elephos Educational Services 189/A Ground Floor Rd, 12 MLA Colony, Banjara Hills, Hyd 500034 ii)Talentio Solutions India Pvt.Ltd Hyderabad Ph.: 9958284646
ICT/Computing Skills	23/09/2019	393	T-HUB Aditya nagar ADB Road, Surampalem
Yoga and Meditation	17/08/2019	560	i) NSS Unit, Aditya College of Engineering, Aditya Nagar, ADB Road, Surampalem, 533437
Guidance for Competitive Examinations	16/10/2019	1606	T.I.M.E D.no. 49525/3, Sankar Matham,Main Road, Besides Canara Bank, Santhipuram, Visakhapatnam530016 Mobile: 9967583385
Personal Counseling and Mentoring	27/06/2019	2294	i)Dr. Jaganadh Rao, Ph.D in Parapsychology(UK),No:14, Sri Venkateswara Building, 3rd Floor ,DVG road, Bangalore560007 ii)Mentor Aditya College of Engineering, Aditya Nagar, ADB Road Surampalem533437, E.G.Dt., AP, Ph: 9949876662, 08842326202
Language Lab	19/08/2019	861	English Communication Lab

			Aditya College of Engineering, Aditya Nagar, ADB Road Surampalem533437, E.G.Dt., AP, Ph: 9949876662, 08842326202
Bridge courses	05/08/2019	319	Aditya College of Engineering, Aditya Nagar, ADB Road Surampalem533437, E.G.Dt., AP, Ph: 9949876662, 08842326202
Remedialcoaching	21/10/2019	852	Aditya College of Engineering, Aditya Nagar, ADB Road Surampalem533437, E.G.Dt., AP, Ph: 9949876662, 08842326202

No file uploaded.

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
2019	CRT/ Competitive Examinations / Career Counselling	1606	1762	87	475

No file uploaded.

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
Nil	Nil	Nil

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
66	680	475	6	118	12

[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
No Data Entered/Not Applicable !!!					
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
GATE	6
GRE	2
Any Other	79
No file uploaded.	

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

Activity	Level	Number of Participants
Cultural	Institution level	343
Sports	Institution level	266
No file uploaded.		

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 strongly believes in giving opportunity to the students in supporting the authorities and the faculty members in running all the affairs of the institute viz. curricular, co curricular and extra curricular activities. For this reason, the institute provides the student community with all the possible opportunities to participate in the various academic and administrative bodies. Statute regarding the formation and function of Aditya College of Engineering formerly known as Sri Aditya Engineering College Students Union were framed and implemented. It incorporates all provisions, objectives, functions, organization, Selection process, criteria, fund and budget etc. of the Students' Council. The Principal should set a date for the selection of representative(s) to the Student Council and its formation. Objectives of the Students' Council according to Statutes: ? To promote (a) discipline and decorum in the university (b) mutual contact, democratic outlook, and spirit of oneness among students of the College (c) social harmony among all students and to work towards their cultural and academic development (d) close and cordial relations between students and teachers of the College (e) leadership quality among students and a consciousness of the College, to equip them for becoming responsible citizens (f) self-reliance, service to the people and duty towards development of the nation ? To meet, discuss and make representation to the Central, State and College authorities on matters

concerning the common interest of the students ? Representatives of the Students' Council are given invitation for attending programmes/functions held in Departments/Institutes/Colleges ? Student representative are nominated as members of the Departmental Councils of different departments Activities According to the Statutes the Students' Council may assist the College in organizing following activities related to students (a) Debates, discussions, lectures, study circle, essay competition (b) Cultural performance and contests (c) Indoor and outdoor games (d) Trips and tours (e) Social Service and Social Relief activities (f) Running cooperatives (g) organizing poor one rupee fund for needy students

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Aditya Alumni Association (AAA) is registered with 20 members initially. It is functional from then, highly proactive and greatly supportive for the wellness of the institute and the students. It has a governing body with President, Vice-president, Secretary, Treasurer and General Secretary. It is, in fact, an undeniable fact that the success of any educational institution depends on the success of its alumni. The contributions and the involvement of the alumni can significantly increase the reputation of the Institution nationally and internationally. Aditya feels proud of its Alumni association which extends its direct and indirect help to the management and to the students through various means. We proudly call them our ambassadors. Top alumni are placed in prestigious companies like, CGI, TCS, INFOSYS, Tech-Mahindra, Caliber Technologies, Amazon Ltd etc., and most of them are imparting their services in prestigious positions. We proudly proclaim that they are tailor made according to the vision and mission of our institution. The alumni association contributes significantly through financial and non-financial means. They provide structured feedback about the syllabus, exam patterns and infrastructural facilities offered by the institution and the valid suggestions are implemented. An alumni meet is very prestigiously conducted annually, where in the passed out graduates from UG PG courses of all the departments can get together under the same roof spending some useful and fruitful time sharing their lessons and experiences from campus life to career life - their joys and sorrows, their trials and tests, their efforts and results and their success and failures in searching and reaching professional arenas and avenues. This meeting will purely be an interactive, explorative and very enlivening. Enthusiastic professionals, highly knowledgeable project leads and heads, successful entrepreneurs, upcoming industrialists, employees working with MNCs in India and abroad from the alumni are devotedly invited to talk on their success stories and victorious achievements and great accomplishments, thus, standing as an impetus to the budding engineers. Alumni help their juniors by creating awareness about the job opportunities accessible in the present world and creates awareness about the strategic methods to meet the necessities of diverse competitive exams like GRE, TOFEL, and other job oriented exams like RRB, SSC, Public service commission's, special scholarships and free ships. Especially, alumni staying in abroad motivate other students to find their opportunities in other countries. The association assists economically poor students with financial aid and by giving meritorious awards through NGOs like Sadhya foundation, Helping hands etc. in which the Alumni Association is actively involved. The members of the alumni assist the final year studentsto get their projects, placements or summer internships in their companies. This is the more possible and probable way, the regular alumni meets pave the way for the sure and successful placement of the students.

5.4.2 – No. of enrolled Alumni:

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

616000

5.4.4 – Meetings/activities organized by Alumni Association :

One Alumni meet conducted on 11.01.2020.

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)

In management, administration, financial and academic affairs, the Aditya College of Engineering (ACOE) has a decentralized and transparent process. The organization believes in delegating responsibilities from higher-level management to lower-level, which encourages management to concentrate on policy making and major decisions. This ensures the participative management and decentralization of governance. The success of an institution is the result of the combined efforts of all who work towards attaining the vision of the institution. Right from the Management to the staff students and all the stakeholders have a role to play in building of the college. Management takes care of infrastructure facilities which fulfill the quality and the required needs of the academics to reach the set goals or benchmarks of the Institution. It also extends all the amenities for the teaching and nonteaching faculty and students. Principal Level: Principal is responsible for overall administration and academic function of the institution in keeping with policies of the management as well as mandatory regulations of the related authorities. The Principal has the executive powers to administrate the academic, non-academic and other functions based on the guidelines prescribed. The Principal of an Institution should always be honest, fair, objective, supportive, and protective and law abiding. Besides, the following traits are expected from the Principal. He has to ? Chalk out a policy and plan to execute the vision and mission. ? Promote industry-institution interaction and inculcate research and development activities. ? Ensure that the staff and students are aware of rules, policies and procedures lay down by the college and enforce them. ? Recommend and forward communication to the authorities. ? Monitor, manage and educate the administration of the institution and take remedial measures / actions based on the stakeholder's feedback. ? Execute any other qualitative and quantitative work for the welfare of the institution. ? Empower the staff and the students to reach their maximum potential. ? Exhibit outstanding strong leadership skills with the high integrity. 3. Faculty Level: Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are encouraged to develop leadership skills by being in charge of various academic, co-curricular, and extracurricular activities. They are given authority to conduct industrial tours and to have tied up with industry experts and appointed as coordinator and convener for organizing seminars/workshops/conferences/FDPs. For effective implementation and improvement of the institute following committees are formed. Other units of the institute like sports, library, store etc. have operational autonomy under the guidance of the various committees/cells.

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 lecturers etc.
Teaching and Learning	<p>Faculty members try to visualize 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.</p> <p>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.</p>
Examination and Evaluation	Midterm and semester end examinations will be conducted as per the academic calendar issued by the affiliating university (JNTUK). Apart from this, unit tests and pre-final 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, E-books 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 Wi-Fi 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, on duty, 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, student's internships, industrial visits and project works. College has MoUs with Infosys Campus Connect, Microsoft Innovation Centre, Global Business Incubation Centre, TCS Ion ITU, Adobe Creative Academy, Government of Andhra Pradesh for SDC.
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-governance area	Details
Planning and Development	Institution is well connected to social media with interest groups to share views and develop strategic plans. T-Hub was created to develop and implement new technologies. Innovation Lab was introduced to give life to innovative ideas.
Administration	A dedicated Microsoft account is provided to all the employees for paper less governance (Mails, Sharing Data and Meetings etc)
Finance and Accounts	Aditya College of Engineering encourages cashless transactions by providing POS machines, online transfer facilities for corruption free and clean transactions.
Student Admission and Support	PGCET/ICET/EAMCET/ECET and web counseling.
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 !!!				
View File				

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)
No Data Entered/Not Applicable !!!						
View File						

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 !!!				
View File				

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

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

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p style="text-align: center;">Transportation facility, .Group insurance, Employees State Insurance (ESI), Provident fund scheme facility is implemented as per government norms, Canteen faculty at subsidized rates. Casual leaves, Summer vacation, Medical leave, Tuition Fee concession to the children of employees, Research/Publication incentives, Sponsorship</p>	<p style="text-align: center;">Transportation facility, .Group insurance, Employees State Insurance (ESI), Provident fund scheme facility is implemented as per government norms, Canteen faculty at subsidized rates. Casual leaves, Summer vacation, Medical leave, Tuition Fee concession to the children of employees.</p>	<p style="text-align: center;">Student Scholarships</p>

for Training programmes, Compensatory/Special leaves, Fee towards professional bodies membership, On-Duty/Official duty, Salary advance.

6.4 – Financial Management and Resource Mobilization

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

The institution has adequate mechanism for auditing by both Internal and external auditors. Internal Audit is performed by officials deputed from the society periodically and the reports are obtained before conducting of the external audit which is normally done after the closure of the accounts in all respects. The Internal Auditing carry out both financial and systems audit regularly and submit quarterly reports and external audit is done by the statutory auditors after 30th June of the subsequent year. The statutory auditors audit the financial and statutory compliance aspects of the college as per the Companies Act 2013 and the Income Tax Act 1961. For Aditya College of Engineering, external audit is carried out by M/s MR. V. V. Satyanarayana, Chartered Accountant, and Membership No: 022084. The internal audit is done by in-house team and the external audit is conducting by registered chartered Accountant. Provision of departmental budget is followed and the optimal utilization of funds and the monitoring of the budget are done through Internal and External Audit.

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
Eduquity career Technologies PVT Ltd	37000	Student Projects
No file uploaded.		

6.4.3 – Total corpus fund generated

12000000

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 and 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. A Two day administrative training program conducted on MS office 2. A Three day Training program conducted on English Communication Skills 3. A Two day program conducted on Sustainable Development.

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

1. In the institution, Senior Faculty members with Ph.D qualification and research background are directed to encourage and motivate junior faculty members to words Research, Paper publication participation in Conferences and other enhancement skill development courses. The number of Ph. D registrations of junior faculty members in all departments in the institution increases gradually year by year. 2. All the computer systems are connected with intranet with internet speed with a leased line connection providing 100 MBPS. Entire campus is connected by Wi-Fi. Additional band-with of 60 MBPS is also provided with second leased line to strengthen the facility. 3. Suggest the value-added courses/certificate courses such as NPTEL/SWAYAM and made mandatory for all the students and faculty members such as JAVA, OCP, Mobile gamming, NDT.

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
2020	A four day Workshop on Intellectual Property Rights (IPR)	05/11/2019	06/01/2020	09/01/2020	110
2020	A Four Day Workshop on Patents, Copy Rights, Branding Trade Marks	05/11/2019	11/02/2020	14/02/2020	53
2020	A Four Day Workshop on Writing a review paper	05/11/2019	17/02/2020	20/02/2020	80
2020	A Two day seminar on Technology enabled Learning and Teaching.	05/11/2019	13/03/2020	14/03/2020	95
2019	A Three day college level Boot camp on Ideation and Venture creation.	02/04/2019	05/12/2019	07/12/2019	60

2019	A One day Seminar on " Entrepreneurial Skill Development Program"	02/04/2019	21/12/2019	21/12/2019	90
No file uploaded.					

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
Seminar on Bodies that Matter: The Ideology of Gender''	12/08/2019	12/08/2019	28	15
Debate Competition on the topic: Women's Rights as Human Rights	27/11/2019	27/11/2019	15	10
Seminar on " Need and Challenges for women's participation in local governance"	05/01/2020	05/01/2020	35	25
Debate Competition on" Are Women the backbone of society"	06/03/2020	06/03/2020	14	10
Competition on "Ethnic Wear"	06/03/2020	06/03/2020	12	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
<ul style="list-style-type: none"> • The institute met 56 percentage of its total requirement of power consumption by the institute from renewable sources. • Average power consumption by the institution: 10, 96,394 Units • Power generated from renewable Energy sources (From Solar plant): 6,13,980 Units • Power consumed from Grid (From APEPDCL) : 4,82,414 Units

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2

Provision for lift	Yes	2
Ramp/Rails	Yes	2
Braille Software/facilities	Yes	Nil
Rest Rooms	Yes	2
Scribes for examination	Yes	4
Any other similar facility	Yes	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	09/04/2019	3	Online Examinations	NPTEL, JEE, EAMCET Examinations conducted by NTA	423
2019	1	1	19/08/2019	1	Photography day	Awareness on Environmental and Green initiatives through photo exhibition	45
2019	1	1	14/12/2019	1	Natural Energy conservation day	Awareness program on renewable energy utilization	55
2020	1	1	08/01/2020	1	Swachh Bharat	Awareness program on cleanliness and healthy living conditions	100
2020	1	1	24/01/2020	2	Online Examination	IIBF-BANK examinations	314

						conducted by TCS	
2020	1	1	20/03/2020	1	ECO-WAVE	Awareness creates to the public on COVID-19	43
No file uploaded.							

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

Title	Date of publication	Follow up(max 100 words)
Hand book for Code of conduct to follow by various Stake holders	19/08/2019	<p>Code of conduct is a part of any profession. Aditya College of Engineering is imparting professional education and a code of conduct to serve as guidelines for forming attitudes, directing conduct and maintaining an environment of personal and institutional integrity. All the members such as Teaching, Non-Teaching, students and other administrative bodies are to abide by this code of conduct in letter and spirit, within and outside the campus.</p> <p>The objectives of the code of conduct are</p> <ul style="list-style-type: none"> • To set up an agreed set of ethical principles. • To promote and maintain confidence and trust in the stake holders of the Institute. • To prevent the development or acceptance of unethical practices. • To promote the highest legal, management and ethical standards in all the activities of the Institute. • To promote compliance with best governance and management practices in all the activities of the Institute.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
----------	---------------	-------------	------------------------

Awareness program on Code of Conduct	03/06/2019	03/06/2019	165
Induction Program for First Year Students	12/08/2019	12/08/2019	315
Guest Lecture on Ethics in Information Technology	05/12/2019	05/12/2019	145
No file uploaded.			

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

? Solar energy Initiatives, Rooftop solar power plant @ 300 KVA capacities. ? Unique solar water heating system for hostels. ? Waste water management/Rain water harvesting. ? Reverse Osmosis (RO) water treatment plant ? Green Transportation by providing battery operated vehicles. ? Energy conservation by using more LED bulbs than other. ? Solid Waste management. ? E waste management. ? Smoking is strictly prohibited inside the campus ? Plastic free campus. ? Sustainable landscaping. ? E-Governance. ? Pollution prevention. ? Hazardous materials management/purchasing/handling/disposal. ? Environmental management systems. ? Green, Energy and Environment Audit

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1: Title of the Practice: Emphasis on training needs and special training to specific groups to enhance the employability, innovation and entrepreneurship. Objective of the practice: Training will be provided based on the needs of the learners as well as the trend of the job market. Students will be assessed initially using online assessment through Cocubes. Apart from online assessment, faculty mentors will interact with the learners to identify their level of understanding, learners' interest and other skills. All the learners will be grouped according to the assessment levels, interests and training will be provided to enhance their skills so that each learner shall have an opportunity in his/her hand. Moreover, special training will be provided to identify learners groups specifically as per the requirement of the job market. The Context: The objective is expected to be achieved by strengthening the learners' fraternity in terms of domain-specific knowledge along with the other necessary skills. This practice was implemented for III year (2016-2020 batch). Apart from this, training was provided in other forms such as assigning minor/major projects and asking learners to complete the project with the help of faculty mentors. It was experienced while doing so and noted the following observations: 1. Learn by doing 2. Exposure to the real world 3. Productive use of theoretical/laboratory knowledge 4. Application of knowledge and skills in real-time environment without any hassle. This practice is aimed to support and strengthen all the learners by providing necessary knowledge to improve their skills which helps them to grab the best opportunities. Moreover, this practice is anticipated to produce learners as Industry-ready so that Industries and Corporates can readily recruit them. Finally, this practice yielded the best results in terms of grabbing job opportunities with high packages, improved placements and start-ups.

Best Practice 2: Title of the Practice: Research orientation and inculcating the spirit of research among learners and faculty. Objective of the practice: Research is part of human life and the technological advancements are not possible without research. Further, teaching and research are two parallel rails. Bearing this in mind, Institute initiated to focus on research and the orientation is being provided to the faculty members and students in

collaboration with M/s CL Educate Pvt. Ltd., Hyderabad about the research process, conduct the research, publish the research results in National/International Conferences and Journals and apply for patents wherever and whenever necessary. This is aimed to enhance the problem-solving ability, propose new method/approach to any problem, among students. Moreover, the research work done by them can be extended as a major project during their final semester as the case may be applicable. The Context: Learners initially have an anxious feeling to take up any work related to minor/major work. Learners' apprehensions are taken care by assigning mentors and explain them the process to be implemented, initiate the process, help them to interpret the results, prepare the outcome as a bulletin or communique. The following points are observed while implementing this practice: 1. Better understanding of concepts 2. Improvement in confidence levels 3. Enhanced problem-solving skills 4. Improved quality in teaching-learning process 5. Publish research articles in Conference/Journals of National/International repute 6. Providing solutions to the problems in society This practice is aimed to keep abreast of the latest developments in the technological world by implementing active research in the Institute which is a continual process. As the world is changing rapidly, one has to keep himself/herself with the pace based upon the needs and demands and this has become the need of hour. With this motivation, Institute is focused to strengthen the research and development activity in technical domains as well as in multi-disciplinary. This approach driven the students to publish more than 15 research articles in reputed journals/ conferences during the last 2 academic years.

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

<http://acoe.edu.in/NAAC/Best%20Prctices%20Final.pdf>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The Educational society with a passion to scatter the fragrance of education in to the following: ? Excellence in Academics ? Exploration of Knowledge through Research ? Excitement of Innovation Entrepreneurship ? Exponent for Development of a Rounded Personality with Global Vision and Social responsibility. ? Students diversity from various states and countries ? Institution provides various language labs ? Innovative projects designed by our students

Provide the weblink of the institution

<http://www.acoe.edu.in/NAAC/Institute%20Distinctives.pdf>

8.Future Plans of Actions for Next Academic Year

- Enhancement of Results
- Enhancement of Research Orientation and making both UG & PG students to submit research articles
- Enhancement of Placements and Entrepreneurship Activities
- Enhancing participation of students at National and International Level
- Applying for more research funding from various government and non government agencies