



Yearly Status Report - 2016-2017

Part A

Data of the Institution

1. Name of the Institution	ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY
Name of the head of the Institution	Dr. T. K. Rama Krishna Rao
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08842326212
Mobile no.	9000276662
Registered Email	principal@acet.ac.in
Alternate Email	ramakrishnatk@gmail.com
Address	ADB Road, Surampalem, Peddapuram Mandal, E.G.Dist.
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. R. V. S Lalitha
Phone no/Alternate Phone no.	08842326212
Mobile no.	8008379819
Registered Email	iqac_coordinator@acet.ac.in
Alternate Email	office@acet.ac.in

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://acet.ac.in/acet/All_commitees/AQAR%20ACET%202016-17.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://acet.ac.in/?p=examination&category=&committeename=Examination%20Committee#tab6

5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.68	2016	11-Jul-2016	10-Jul-2021

6. Date of Establishment of IQAC	15-Nov-2015
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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

One day workshop on roles and responsibilities of Mentor	25-Jul-2016 1	128
Seminar on Academic and Administrative Audit in HEI	22-Feb-2017 1	45
FDP on Filling AQAR	15-May-2017 6	108
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	NIL	NIL	2017 0	0
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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 :

1

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)

In order to procure NIRF ranking faculty publications need to be enhanced. Research paper writing workshops are conducted by eminent resource persons to encourage research scholars and research initiatives for making them understand and focus on research paper writing skills.

Interdisciplinary projects in collaboration with other departments a encouraged.

As the institution is allotted with HIBI center, the research ideas that can be transformed into business ideas are encouraged.

Faculty publications in reputed journals and conferences will be awarded with incentives.

All faculty members are advised to create their own digital libraries in the subjects, they taught and create blogs on their names.

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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
To encourage faculty participation in seminar, workshop and conference.	Many Faculty members attended faculty development programs to enhance their domain expertise and knowledge of latest trends.
To provide need based Teaching	Additional revision lectures and practical sessions are conducted. Support from expert guest faculty from industry and academia is taken and guest lectures are arranged.
Establishment of Training Department	Training department was initiated
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Governing Body	07-Oct-2017

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

2017

Date of Submission

06-Mar-2017

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)

Aditya College of Engineering and Technology has developed an E Governance Policy with the primary goal

of incorporating E Governance into the Institutions different interactions and services. The right ERP must be deployed and put into proper use under the guidance of the Institutions Governing Body, and relevant training must be offered for the Colleges staff members in order to get the most out of the program and interact with stakeholders. List of modules includes 1. Administration 2. Examinations 3. Library 4. Finance and Accounts

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

For both undergraduate and postgraduate programs, Aditya College of Engineering and Technology, Surampalem is affiliated with JNTUK, Kakinada, and follows the affiliating university's syllabus. The Institute's event calendar is based on the Academic Calendar of the affiliating University, which includes the Institution's and departments' Curricular, Co-curricular, and Extra-curricular activities. The Institution develops the Curriculum Plan to meet the College's Vision and Mission, despite the fact that the University prescribes the syllabus. On a regular basis, stakeholder meetings are held to develop new teaching and learning strategies. IQAC hosts a meeting with department heads at the start of each academic year to submit the following documents. 1. Departmental Events Calendar 2. List of Bridge Courses 3. Course Assignment 4. List of Certificate Courses. The IQAC is in charge of keeping track of the Department's activities. IQAC provides a structured format for preparing course files. The Head of Department reviews classwork, tutorial sessions, student performance, and the status of syllabus completion every two weeks. Internal and external assessment are the two methods for evaluating students. The performance on two sessional exams per semester determines a student's internal evaluation. There are three sections to each sessional exam: descriptive, objective (online), and assignment. At the end of each semester, the university conducts a descriptive external assessment. The results of both internal and external exams determine a student's grade.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Certificate course on Reinforced cement concrete detailing	Nil	05/09/2016	6	Employability	Technical
Certificate course on Vi	Nil	08/08/2016	6	Employability	Technical

sualisatioin tools in Python	Nil	02/01/2017	6	Employabil ity	Technical
Certificate course on Software testing using Selenium	Nil	25/07/2016	6	Employabil ity	Technical
Certificate course on Signals and systems with MATLAB	Nil	20/02/2017	6	Employabil ity	Technical
Certificate course on Digital signal processing with MATLAB	Nil	12/09/2016	6	Employabil ity	Technical
Certificate course on Power systems analysis on MATLAB	Nil	20/03/2017	6	Employabil ity	Technical
Certificate course on Work shop on Anukiran - mimicking robots	Nil	03/10/2016	6	Employabil ity	Technical
Certificate course on Artificial Intelligence	Nil	12/12/2016	6	Employabil ity	Technical
Certificate course on Data Visuali sation using R	Nil	23/01/2017	6	Employabil ity	Technical
Certificate course on Banking Products Services	Nil	23/01/2017	6	Employabil ity	Technical

Certificate course on Applied Data Sciences	Nil	23/01/2017	6	Employability	Technical
Certificate course on Drafting Modelling using AUTOCAD	Nil	22/08/2016	6	Employability	Technical
Certificate course on Introduction to CATIA	Nil	05/12/2016	6	Employability	Technical
Certificate course on CFD simulation Introduction	Nil	06/02/2017	6	Employability	Technical

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	Nil
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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
Mtech	CAD/CAM	29/07/2016
Mtech	THERMAL ENGINEERING	29/07/2016
Mtech	STRUCTURAL ENGINEERING	29/07/2016
BTech	CIVIL ENGINEERING	13/06/2016
BTech	ELECTRICAL & ELECTRONICS ENGINEERING	13/06/2016
BTech	MECHANICAL ENGINEERING	13/06/2016
BTech	ELECTRONICS & COMMUNICATION ENGINEERING	13/06/2016
BTech	COMPUTER SCIENCE ENGINEERING	13/06/2016
BTech	INFORMATION TECHNOLOGY	13/06/2016
MBA	MASTER OF BUSINESS MANAGEMENT	08/08/2016
MCA	MASTER OF COMPUTER APPLICATIONS	08/08/2016

Mtech	COMPUTER SCIENCE ENGINEERING	29/07/2016
Mtech	POWER ELECTRONICS	29/07/2016
Mtech	EMBEDDED SYSTEMS	29/07/2016

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

	Certificate	Diploma Course
Number of Students	1035	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
NIL	Nil	Nil
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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	CIVIL ENGINEERING	80
BTech	ELECTRICAL AND ELECTRONICS ENGINEERING	121
BTech	MECHANICAL ENGINEERING	208
BTech	ELECTRONICS AND COMMUNICATION ENGINEERING	203
BTech	COMPUTER SCIENCE ENGINEERING	113
MBA	MBA	86
MCA	MCA	24
Mtech	STRUCTURAL ENGINEERING	10
Mtech	CAD/CAM	3
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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
Aditya College of Engineering Technologys feedback mechanism receives feedback from students, alumni, parents, and employers. The IQAC collects feedback from students twice a semester in both online and offline modes. A built-in form for collecting feedback from students is included in the online feedback system,

which includes a questionnaire that covers key points such as syllabus coverage, course material, teaching methodology, faculty communication skills, and so on. IQAC will analyze the feedback from faculty and submit a report to the Principal after collecting it. Faculty with poor performance will be contacted by the Principal and Head of Department, who will give them advice on how to improve. Faculty members who provide positive feedback are praised and encouraged in staff meetings. IQAC receives feedback from employers who come to campus for recruitment, guest lectures, and interactive sessions. The institution has implemented Value Added Courses to help students improve their employability skills as a result of their feedback. During Parent-Teacher Meetings, the IQAC collects feedback from parents. Based on their feedback, the students daily attendance is communicated to the parents via SMS. In response to student feedback, the institution has organized industrial visits and field trips.

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	ECE	240	250	240
BTech	CSE	120	128	120
BTech	IT	60	64	60
Mtech	CSE	24	1	1
Mtech	PE	18	1	1
Mtech	ES	18	3	3
Mtech	CAD/CAM	18	3	3
BTech	CE	120	72	69
BTech	EEE	120	83	78
BTech	ME	240	213	198

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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
2016	3086	234	144	16	18

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
178	178	5	61	61	5

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

The Institute has an effective proctoring or mentoring system that covers both academics and career issues. A faculty member is assigned with a group of 20 students for proctoring. The faculty member who is called as Proctor will monitor the student attendance, performance in the examinations, classroom behavior and so on. Each proctor maintains a register of their respective students and records their activities. Periodically the proctors will call the parents and inform progress of their ward, attendance and marks obtained in the class tests, semester end examinations and so on. The proctors also counsel their group students in academics, psychological and career issues. In the beginning of the academic year, Head of the Department allocates the students of their department to the proctor in 1:20 ratio. The proctor will meet the students in group and in person. In personal interaction the proctor collects information about socio-economic background, education, hobbies and so on. The proctor will encourage their group of students to participate in curricular, co-curricular and extra-curricular activities.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3320	178	1:19

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
178	54	0	54	3

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2017	R ANIL KUMAR	Assistant Professor	NPTEL-Successfully completed
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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	A04	1/2	19/05/2017	17/07/2017
BTech	A03	1/2	19/05/2017	17/07/2017
BTech	A02	1/2	19/05/2017	17/07/2017
BTech	A01	1/2	19/05/2017	17/07/2017
BTech	A12	1/1	12/12/2016	25/02/2017
BTech	A05	1/1	12/12/2016	25/02/2017
BTech	A04	1/1	12/12/2016	25/02/2017

BTech	A03	1/1	12/12/2016	25/02/2017
BTech	A02	1/1	12/12/2016	25/02/2017
BTech	A01	1/1	12/12/2016	25/02/2017
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The Institute is affiliated to JNTUK, Kakinada and follows the University examination pattern. Internal evaluation is mandatory and part of requirement from University and for all UG and PG Courses. Each department conducts continuous internal assessment as per the guidelines of Examination cell. Civil, Mechanical, EEE, ECE, CSE, IT, MCA, and MBA Departments conducts regular class tests to improve the results. Faculty groups the students as slow learners and fast learners on basis of their class performance and participation. In addition to this, Mechanical, ECE, CSE and IT departments conduct workshops, Technical contest and Tech fest event like "VEDA" and online Quiz by sharing information on certain free quiz conducting sites etc. on topics related to the curriculum. Every department identifies interested students through novel activities for Robotics Club and Automotive Fest etc. evaluated and allow them to participate in Design Contest, Hackathons and more competitions to enhance the knowledge. Some departments evaluate students on the basis of their performance in group discussions (CSE, ECE, MECH, CIVIL, and IT project presentations, assignments, seminars, viva (ECE, CSE, IT, EEE, and MECH) presentations based on research paper. In extracurricular activities, selected students are also evaluated by the quality of social work they have done for a minimum of 3 hours per week.

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

The Institute prepares the Academic Calendar at the beginning of the academic year after the Principal conducts meeting with IQAC, HODs and respective Coordinators, Examination Committee, Intra collegiate Fest Committee (VEDA) and Sports Committee members. The academic calendar prepared, displayed the dates for our annual Intercollegiate Festival, VEDA, Annual Day, Sports Day, and presentations by all Departments and Committees for the Annual Academic Audit. The main purpose of fixing these schedules in advance is to enable the departments to plan for their own department programme and events. It also helps the students to plan their academic and extracurricular activities. Examination dates are decided by the JNTUK, Kakinada and intimated to the Colleges, which was incorporated in the academic calendar as and when provided. Since the University conducts the semester end examinations for all the UG and PG courses, the College was obliged to follow these dates for examinations. The dates for internal examinations for all courses, which are mandatory, are decided well in advance and displayed on the notice board. This method was followed for both the semesters. After every examination, the last date for submission of mark statements was declared in notice board. After the declaration of results, the dates are fixed for revaluation and communicated to the students.

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://acet.ac.in/?p=EEE>

2.6.2 – Pass percentage of students

Programme	Programme	Programme	Number of	Number of	Pass Percentage
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Code	Name	Specialization	students appeared in the final year examination	students passed in final year examination	
D21	Mtech	TE	8	6	75
D87	Mtech	SE	10	7	70
E00	MBA	MBA	56	47	83.93
A01	BTech	CE	72	66	91.67
A02	BTech	EEE	118	96	61.36
A03	BTech	ME	209	182	87.08
A04	BTech	ECE	202	183	90.59
A05	BTech	CSE	112	95	84.8
D58	Mtech	CSE	1	1	100
D04	Mtech	CAD/CAM	3	3	100
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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://acet.ac.in/acet/All_commitees/2016_17_SSS_report.pdf

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
Total	0	NIL	0	0
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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
Operation Management	CSE,EEE	16/02/2017
Human resource management	HBS	15/03/2016
Entrepreneurship Development	HBS	11/05/2016

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
NIL	NIL	NIL	Nil	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
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NIL	NIL	NIL	NIL	NIL	Nil
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
NA	0

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	ECE	1	0.39
International	CSE	2	1.15
International	HBS	1	0.9
International	MBA	1	0
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
CSE	1
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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
A hybrid approach to data dissemination in exigency situations	G.Jaya Suma, R.V. S.Lalitha	Wireless Networks	2016	0	Aditya College of Engineering Technology	4
Structural Morphology and Thermal Properties of Polypropylene / Barium Carbonate Nano-compo	P. S. V. Shanmukhi, K. CHANDRA MOULI	International Journal of Nanotechnology and Application	2016	0	Aditya College of Engineering Technology	0

sites						
Study of Factors Affecting Investment Decisions of Investors with Special Reference to Equity Market in Selected Areas of Kakinada District (A.P)	N.S.V.N. Raju, Anita Patra	The International Manager	2016	0	Aditya College of Engineering Technology	1
Design and Analysis of ICEBar Shaped Patch Antenna Parameter Using HFSS	Basheer Ali Sheik, K L V Prasad, A. Arun Kumar Gudivada	The International Journal Of Science, Engineering Technology Research	2016	0	Aditya College of Engineering Technology	0
Crop Coverage Data Classification using Support Vector Machine	Tarun Rao, N. Rajasekhar, N C Naveen	Global Journal of Computer Science and Technology	2016	0	Aditya College of Engineering Technology	1
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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
A hybrid approach to data dissemination in exigency situations	G. Jaya Suma, R.V. S. Lalitha	Wireless Networks	2016	89	4	Aditya College of Engineering Technology
Crop Coverage Data Classification using Support	Tarun Rao, N. Rajasekhar, N C Naveen	Global Journal of Computer Science and Technology	2016	0	1	Aditya College of Engineering Technology

Vector Machine						
Design and Analysis of ICEBar Shaped Patch Antenna Parameter Using HFSS	Basheer Ali Sheik, K L V Prasad, A. Arun Kumar Gudivada	The International Journal Of Science, Engineering Technology Research	2016	0	0	Aditya College of Engineering Technology
Study of Factors Affecting Investment Decisions of Investors with Special Reference to Equity Market in Selected Areas of Kakinada District (A.P)	N.S.V.N. Raju, Anita Patra	The International Manager	2016	0	1	Aditya College of Engineering Technology
Structural Morphology and Thermal Properties of Polypropylene / Barium Carbonate Nano-composites	P. S. V. Shanmukhi, K. CHANDRA MOULI	International Journal of Nanotechnology and Application	2016	27	0	Aditya College of Engineering Technology

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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	0	2	1	2
Presented papers	25	5	0	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/	Number of teachers	Number of students
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	collaborating agency	participated in such activities	participated in such activities
COMMUNITY PLEDGE ON NSS DAY	ADITYA COLLEGE OF PHARMACY	2	284
ESSAY WRITING COMPETITION ON HUMAN RIGHTS BY PHARMACEUTICAL COLLEGE STUDENTS	ADITYA COLLEGE OF PHARMACY	2	243
AWARENESS PROGRAM ON DIGITAL PAYMENTS	AANURU PANCHAYAT	2	412
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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
NIL	NIL	NIL	0
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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 activities	Number of students participated in such activities
EDUCATION AND WELFARE DEVELOPMENT PROGRAMME	PRIMARY HEALTH CENTER PEDDAPURAM	AWARENESS PROGRAM ON AIDS DAY AT PEDDAPURAM	2	388
WOMEN EMPOWERMENT	INTERNAL COMPLAINTS COMMITTEE (ICC)	Awareness program on Fundamental Rights of women	2	45
SWACHH BHARAT	NAYAKAMPALLI PANCHAYAT	SWACHH BHARAT	2	85
SWACHH BHARAT	NAYAKAMPALLI PANCHAYAT	AWARENESS PROGRAM ON PLASTIC WASTAGE TO VILLAGERS	2	286
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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
NIL	NIL	NIL	0
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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	Duration From	Duration To	Participant
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		institution/ industry /research lab with contact details			
NIL	NIL	NIL	Nil	Nil	NIL
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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
Edgate Technologies	17/10/2015	Lab establishment	240
DIZITIVEIT SOLUTIONS	19/08/2016	SKILL DEVELOPMENT, INTERNSHIPS AND GUEST LECTURES	97
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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
75	74.95

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Campus Area	Existing
Class rooms	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
EZ	Fully	1.0	2009

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
	Text Books	43503	14200000	453	138000	43956
Reference Books	5618	Nil	18	Nil	5636	Nil
Journals	54	93540	8	9400	62	102940
e-Journals	Nil	11500	Nil	Nil	Nil	11500
CD & Video	1197	Nil	37	Nil	1234	Nil

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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
NIL	NIL	NIL	Nil

No file uploaded.

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	743	577	30	23	60	7	46	100	0
Added	0	0	0	0	0	0	0	0	0
Total	743	577	30	23	60	7	46	100	0

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

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Nil	Nil

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
80	75.64	110	105.33

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)

Aditya College of Engineering and Technology ensures that the maintenance of the physical, academic, and support facilities is carried out in a planned and systematic manner as per the standard policies developed by the Institute. In view of this, the Department of Facility Management (FM) is established which ensures that the maintenance of the physical, academic, and support facilities is carried out in a planned and systematic manner as per the standard policies developed by the Institute. The routine maintenance is done by cleaning, dusting, sweeping, and Mopping of all areas daily by the contractual housekeeping staff. The Institute has a workforce of Carpenters, Masons, Electricians, and Plumbers for minor repairs. The Institute also ensures that all the buildings are periodically painted and Structural Audit is carried out every 3 years through qualified Structural Engineers. The maintenance of Fire Alarm Systems as prescribed by the Chief Fire Officer of the Municipal Corporation of Kakinada is outsourced to an agency empanelled by the municipal corporation submits its service reports monthly to the Security Officer. The FM Department periodically (bi-annually) sends the potable water sample to the registered Laboratories for testing purposes. All the underground and overhead water tanks are cleaned by professional service providers thrice a year using sophisticated equipment including UV equipment. The Pest control including general disinfection, rodent treatment, and larva breeding along with anti-termite is done periodically. The Systems Department with a qualified Systems Manager and 16 personnel ensure the IT infrastructure are always in working condition. Only hi-branded computer and networking hardware are purchased from reputed companies with extended 3-years warranty with the maintenance for first 3 years is taken care of by the vendor/supplier. The Server and the firewall are covered under the Comprehensive Annual Maintenance Contract. The Institute also has a full-time Maintenance Engineer and an independent maintenance room (Scrounge) for carrying out IT maintenance. Every laboratory maintains a complete record of the equipment such as the Dead-Stock Register, Maintenance Register, utilization, and Lab-Readiness Certificate. All the documents are verified by Lab in charge (a faculty member) and are kept in accordance with the standard procedures. The library staff is responsible for day-to-day operations such as issues and receipts as well as routine maintenance of the books, e-books, magazines, journals, and other library resources. The library management is fully computerized and integrated with the Institutes virtual system. All the sports facilities are looked after by the Sports Department team comprising of sports Officer three Sports Instructors. The Institute also provides ambulance service for everyone on campus in case of a medical emergency. The ambulance is accompanied by a medical attendant, two rescue team members, and a driver. They provide first aid treatment and if required they take the patient to the nearest Government or Private hospital.

<http://acet.ac.in/acet/IT%20Infrastructure/Maintanance%20policy.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 Scholarship	1975	10596500
Financial Support from Other Sources			

a) National	Govt Fee Reimbursement	2338	83406000
b) International	Nil	Nil	Nil
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 implementation	Number of students enrolled	Agencies involved
ICT/Computing skills-Training on programming languages	13/02/2017	157	Mr. R Sudhir Techinal HUB, Surampalem 9951722111
Language and communication skills- The role of pronunciation in communication	03/02/2017	60	Mr A V Surya Seshagiri Sasi Engineering College, 9440840517
Soft skills-Three day training on Communication skills	12/12/2016	146	Mr. K. Devan Techinal HUB, Surampalem 9397934366
Soft skills-One week CRT training	13/06/2016	142	Mr. K Bharath Kumar Techinal HUB, Surampalem 9346445450
Language and communication skills- One week STTP on Hindi	06/02/2017	40	Mrs. Sneha M Joseph Coastal Prosoft Pvt Ltd. Kakinada 9676630555
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2016	Development of career strategies and management	Nil	349	Nil	77
2016	Awareness Program on GATE	63	Nil	10	Nil
2016	Career Opportunities for Engineering	Nil	389	Nil	87

Graduates

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
0	0	0

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
CGI	360	12	Amazon	210	2
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	Department graduated from	Name of institution joined	Name of programme admitted to
2017	1	B. Tech	Civil	Aditya Engineering College, Surampalem	M-Tech
2017	1	B. Tech	Civil	Aditya Engineering College, Surampalem	M-Tech
2017	1	B. Tech	Civil	KITS, DIVILI	M-Tech
2017	1	B. Tech	Civil	Adarsha Engg College, Chebrolu	M-Tech
2017	1	B. Tech	Civil	SRM, Chennai	M-Tech
2017	1	B. Tech	ECE	JAIN Deemed to be university, Bengaluru	MBA
2017	1	B. Tech	ECE	Chaitanya Institute of Science & Technology, KKD	M-Tech
2017	1	B. Tech	Mechanical	KITS, DIVILI	MBA
2017	1	B. Tech	Mechanical	KITS,	MBA

				DIVILI	
2017	1	B. Tech	Mechanical	Italian University	MS
No file uploaded.					

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

Items	Number of students selected/ qualifying
Any Other	4
CAT	2
GRE	4
No file uploaded.	

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

Activity	Level	Number of Participants
quiz	National Level	112
Essay	National Level	84
Poster	National Level	54
Mehendi	National Level	75
skit	National Level	120
Singing	National Level	96
Dance	National Level	113
Republic Day Sports and Games - 2017	National Level	68
National Sports Day 2016	National Level	21
Independence Day Sports Games-2016	National Level	140
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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
2016	9TH INDIAN OPEN INTER ENGG COOLEGIATE SPORTS FEST (ATHLETICS MENS 200 MTRS- IST PRIZE)	National	1	Nil	15P3M0020	K.V.S.R. DURGA PRASAD
2016	9TH	National	1	Nil		K.V.S.R.

	INDIAN OPEN INTER ENGG COLEGIATE SPORTS FES T(ATHLETIC S MENS 400 MTRS- 2ND PRIZE)				15P3M0020	DURGA PRASAD
2016	9TH INDIAN OPEN INTER ENGG COLEGIATE SPORTS FEST(HIGH JUMP MEN-3RD PRIZE)	National	1	Nill	13P31A0231	M.VINAY
2016	9TH INDIAN OPEN INTER ENGG COLEGIATE SPORTS FES T(ATHLETIC S-DISCURS THROW-1ST PRIZE)	National	1	Nill	13P31A0303	UDAY CHOWDARY
2016	9TH INDIAN OPEN INTER ENGG COLEGIATE SPORTS FES T(KABADDI 3RD PRIZE)	National	1	Nill	15P31A0499	P.RAVI TEJA
2016	9TH INDIAN OPEN INTER ENGG COLEGIATE SPORTS FES T(KABADDI 3RD PRIZE)	National	1	Nill	16P31A0509	CH.Suneel
2016	9TH INDIAN OPEN INTER ENGG COLEGIATE SPORTS FES T(KABADDI 3RD PRIZE)	National	1	Nill	13P31A0231	M.Vinay
2016	9TH INDIAN OPEN INTER	National	1	Nill	14P31A03D3	M.V.Naveen Kumar

	ENGG COLEGIATE SPORTS FES T(KABADDI 3RD PRIZE)					
2016	9TH INDIAN OPEN INTER ENGG COLEGIATE SPORTS FES T(KABADDI 3RD PRIZE)	National	1	Nil	13P1A0303	A.Durga Udaya Choudary
2016	9TH INDIAN OPEN INTER ENGG COLEGIATE SPORTS FES T(KABADDI 3RD PRIZE)	National	1	Nil	13P31A03C3	A.D.Y.Mo han Yadav

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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)

Aditya College of Engineering Technology prioritizes the student representation in the major decision-making committees of the college as the Institute believes in enhancing the leadership quality teamwork in the students from the first year onwards. In consultation with the Principal, the Heads of the various departments and faculty choose the student committee coordinators.

Student Representation: Students are adequately empowered through various clubs, cells, and committees within the Institution. Clubs play a crucial role in college life and strongly encourage students to organize and maintain them. Clubs are active under the coordination of senior students and faculty. Eco club, Community club, Health club, and Language club are functioning in the Institution. The Alumni coordination cell: will discuss the career opportunities in the real-world competition and strengthen the institution alumni activities, respectively. Entrepreneurship development cell and incubation centre: will make necessary arrangements to teach the startup culture amongst the students to be self-reliant. The Institution also have National Service Scheme (NSS) Unit to teach social welfare to students and provide service to society. The committees focus on improving students harmony by conducting awareness programs, strengthening the institutes academic facilities, and procuring the required resources. It will also discuss the career opportunities in the real-world competition. It also focuses on students educational programs. It nurtures the students towards their career improvement, personal development, and well-being. Academic Committee, Anti-Ragging Committee, Canteen Committee, Career Counselling Committee, Cultural Committee, Ethics Committee, E-Resources Committee, Hostel Committee, Internal Complaints Committee (ICC), Library Committee, Publication Committee, Purchase Committee, Sports Committee, Transport Committee, Website Committee are functioning in the Institution. Students Council: The students council members are directed to look into the welfare of students, and it could represent students of all departments, and two senior faculty members coordinate it. The Principal discusses the educational issues with the council members twice a semester and recommends corrective actions. The students council members will be elected by the currently enrolled students (i.e., one girl and one boy

student secretary chosen by the committee) of the college through an interview process carried out by the committee and decided by the Principal. Council members act as the student secretaries of all the functioning committees and clubs of the college and hold equal responsibilities in the proper functioning of the committees and clubs. The roles and responsibilities of the student council members are to maintain good discipline, a decent working environment, and healthy interaction among the student community on campus. Briefed information regarding all committees active in college:
<http://www.acet.ac.in/?pcommittees>

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

558

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

One Alumni Meeting conducted in in academic year 2016-17 and two alumni interactions conducted.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

• The administrative structure of our institution includes the Governing mechanism which inculcates various practices for decentralization and participative management headed by Principal, Deans, Head of the Departments (HoD) , Committee Co-Ordinator, Faculty In-Charges, Lab In-charges, Network Administrators, Proctors and Class Representatives to enhance quality in all the fields with excellence. In execution of all the activities the administrative setup will function with a decentralized decision making system at all levels. The Principal is the Head of the Institution and he efficiently proceeds and ensures the smooth conduction of all administrative and academic activities. • The Principal periodically convenes meetings with HoDs and Faculty members. The management ensured decentralization by creating Deans to help the Head of the institution in day-to-day activities at the top of a multi-tier system of administration with HoDs, lab in-charges etc., down the ladder on the academic front. • Along with the Principal, HoDs and faculty are encouraged to give suggestions that help in the growth of the Organization. • Faculty members are involved in the decision making process at all levels. They are given a chance to present their views and suggestions by making them as members of various committees in college. • There is freedom to the faculty members in expressing their thoughts to do various research activities. • The Institution has constituted several committees which are lead by faculty members as In-Charges to groom leadership at the faculty level. The institution has various committees like Career Counseling Cell, Entrepreneurship Development Cell, Grievance Redressal Committee, Faculty Development Cell, etc.

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

Partial

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	The curriculum and Syllabus are prescribed by affiliating University JNTUK, Kakinada. There is no freedom to change the syllabus, but the students have the freedom of choosing elective subjects from the list of courses prescribed by the University. However, the curriculum gaps are identified by the academic committee and required new topics are delivered by offering Certificate Courses, conducting Guest lectures, Seminars and Workshops.
Admission of Students	Admissions are made in two ways – Convenor Quota, Management Quota in the ratio of 70:30. Convenor quota students are admitted into both Under Graduate and Post Graduate programs through a common entrance conducted by the State Government (EAMCET, ECET, PGCET, ICET). Management quota seats are filled by inviting applications from the deserving candidates and filled on the basis of merit and reservation.
Industry Interaction / Collaboration	<ul style="list-style-type: none">• The institute has signed MoUs with various industries and organizations.• Faculty and students are encouraged to go for study tour to visit the nearby industries for better exposure through close interaction with industry experts.• Seminars and Guest lectures are conducted for the students by inviting eminent corporate personalities to enhance student knowledge and to give an industry exposure.• For improving the technical skills of students, the Institute organizes workshops and hands on training programs on advanced technologies.
Human Resource Management	The Institute follows the guidelines of AICTE and JNTUK for recruiting both teaching and non teaching faculty. The institution has a mechanism of notification in leading news papers and www.facultyplus.com for regular posts and conduct interviews. The Institution provides service benefits like Employees Provident Fund (EPF), Group Insurance Policies, and incentives for attending Faculty Development

	<p>Programmes, Seminars, Workshops to enhance the Teaching Learning process and upgrade their skills by learning the latest technology.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<ul style="list-style-type: none"> • In view of the latest development and future needs the Library is well equipped in terms of the number of Books, CDs, Project Reports and Online journals. • The college has central as well as departmental library to provide key resources to augment the teaching-learning process. • Library functions on week days from 8.00 A.M. to 6.00 P.M. • The reading room with a capacity of 200 students is available. • Exclusive reference section is also available. • The Institute has adequate number of ventilated classrooms, Laboratories, Smart Classrooms, Common rooms, Seminar halls, Conference hall, Computer Labs, Research Centers, HoD cabins, Staff cabins, Dining hall and Rest rooms.
<p>Examination and Evaluation</p>	<ul style="list-style-type: none"> • College follows the continuous evaluation as per the guide lines given by the JNTUK. The weight-age has been given for MID 1 and 2 assessment and semester end examination. • Students Examinations - The evaluation of semester end examination papers is carried out by the University. • Faculty members evaluate Mid 1 and 2 examination papers and assignments and post in the University portal. • The laboratory courses are evaluated by Conducting internal Examinations and End exam. • For the project work, in addition to the regular examination system the reviews are conducted to evaluate the main project in addition to the viva-voce examinations.
<p>Teaching and Learning</p>	<ul style="list-style-type: none"> • The Teaching Learning process is periodically reviewed through HoDs Meeting, Faculty Meeting and also through the feedback from the stakeholders. • The institution adopts latest technologies and facilities for effective teaching. • Each department is outfitted with ICT enabled class rooms in order to make teaching more flexible. • MOODLE server is established for Learning Management System (LMS). • Learning resources like NPTEL Videos/ PDFs are available to the students. • Faculty members are encouraged to follow innovative teaching methodologies. • Design of new

experiments in the lab courses to fulfill the Course Outcomes.

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

E-governance area	Details
Student Admission and Support	ECAP software is used for conveying information to students and parents from day one of admission. Student attendance, marks obtained in the sessional and semester end examinations are posted in the ECAP.
Examination	The Institute is having a separate Examination cell which monitors both internal and external examinations. The examination cell is responsible for arranging the seating plan, allotting invigilators, collecting material from the University and submitting the answer scripts back to the University. The Cell is fully equipped with computers, reprographic facilities and Internet connection. The examination cell posts the internal marks, attendance in the University portal.
Planning and Development	The Principal recommends the budget of the departments and conducts review meeting on budget utilization of the previous year. The Institute and Department calendars are prepared by considering the academic / cocurricular / extracurricular activities for the forthcoming semester/academic year. In the meeting with IQAC and Head of the Departments, the Principal approves the Institution and Department academic calendar. The Principal along with IQAC and HODs conducts a meeting to discuss on feedback analysis report of stakeholders and suggests corrective measures towards improvement of the Institution.
Administration	ECAP software tool is used for all the administrative purposes to maintain record of employees and students.
Finance and Accounts	The Institution uses ECAP software to manage the Finance and Accounts details. The Accounts Officer maintains the reports, bills, vouchers, ledgers, salary statement, etc.

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	Name of the professional body for	Amount of support
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		for which financial support provided	which membership fee is provided	
2016	Mrs.Jalligampala Divya Lalitha Sri	Nill	CSI Life Membership	8000
2016	Mrs. A Rama Vasantha	Nill	IETE Life Time Membership	5500
2016	Mr. A. Arun Kumar Gudivada	Nill	IETE Life Time Membership	5500
2016	Mrs. V. Preethi	Nill	IETE Life Time Membership	5500
2016	Mr. I. Ramesh Raja	Nill	IETE Life Time Membership	5500
2016	Mr.R. Anil Kumar	Nill	IETE Life Time Membership	5500
2016	Mr. S. Venkata Kiran	Nill	IETE Life Time Membership	5500
2016	Mrs.Telugu Neelima	ELT@1 Tirupati Chapter,26-27 Aug 2016,SREC,Tirupati	Nill	1600
2016	Mrs.Ravuri Lalitha	ICTACSE-2016, 19-20th Aug 2016,MRECW,Secunderabad	Nill	7500
2016	Mr. K. Parvateesam	Nill	IETE Life Time Membership	5500
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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)
2017	Seminar on Digital design Emerging trends in VLSI	Nill	22/05/2017	22/05/2017	49	Nill
2017	Faculty Development Programme on Soft computing and applic	Nill	08/05/2017	13/05/2017	47	Nill

	ations of data science					
2017	Nill	A Three Days Training program on Office Automation tools	01/05/2017	03/05/2017	Nill	15
2017	Faculty Development Programme on Network Security	Nill	20/03/2017	25/03/2017	48	Nill
2017	Workshop on Power system Analysis and Applications	Nill	06/02/2017	07/02/2017	19	Nill
2017	Short Term Training Programme on PHP and Mysql through ICT (NITTTTR)	Nill	23/01/2017	27/01/2017	10	Nill
2016	Seminar on Bigdata Analytics	Nill	19/11/2016	19/12/2016	47	Nill
2016	Faculty Development Programme on CAD Modelling Matlab Programming	Nill	03/10/2016	08/10/2016	53	Nill
2016	Workshop on Cryptography and its applications	Nill	30/09/2016	01/10/2016	49	Nill
2016	Nill	A Three Days Workshop on Hardware and networking Basics	13/09/2016	15/09/2016	Nill	13

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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
SHORT TERM TRAINING PROGRAMME ON PHP AND MYSQL THROUGH ICT (NITTTTR)	5	23/01/2017	27/01/2017	5
FACULTY DEVELOPMENT PROGRAMME ON CAD MODELLING MATLAB PROGRAMMING	12	03/10/2016	08/10/2016	6
FACULTY DEVELOPMENT PROGRAMME ON NETWORK SECURITY	10	20/03/2017	25/03/2017	6
SEMINAR ON ADVANCES IN CONSTRUCTION TECHNOLOGY	10	28/10/2016	28/10/2016	1
STC ON SMART ELECTRIC POWER GRID WITH EMPHASIS ON EMBEDDED SYSTEMS AND CYBER SERCURITY	1	21/01/2017	25/01/2017	5
TWO DAY WORKSHOP ON ECLECTIQUE -2K17	1	01/03/2017	02/03/2017	2
INNOVATIVE METHODS FOR TEACHING MECHANICAL ENGINEERING	1	21/03/2017	25/03/2017	5
FACULTY IMPROVEMENT PROGRAM ON REVIT STRUCTURE	1	24/10/2016	28/10/2016	5
GOOGLE ANDROID DEVELOPER FUNDAMENTALS	1	07/11/2016	11/11/2016	5

AUTODESK NASTRAN IN- CAD	1	28/11/2016	03/12/2016	6
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nil	178	Nil	241

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>Free transport is provided to all staff members. Free food and accommodation are provided for faculty staying in College hostel. Faculty members can avail On Duty (OD) to attend Spot valuation, Seminars and Conferences. EPF, Group insurance policy and subsidized lunch facilities are available. Incentives for Research, Research projects and Consultancy work, Patents, Books, Awards and Recognition. Concession in tuition and transport fee for children of the staff members in the Group Institutions. Residential quarters are provided with nominal rent.</p>	<p>ESI, EPF, Subsidized Lunch, Free Transport</p>	<p>Merit Scholarship, Primary health center, Ambulance</p>

6.4 – Financial Management and Resource Mobilization

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

<p>Internal and external auditing are used by the Institute to ensure financial compliance. The institutional accounts are audited on a regular basis. If the auditors make any observations, they are quickly corrected / rectified.</p> <p>Internal Audit: The Institute has a continual internal auditing system in place. Qualified Auditors have been appointed on a permanent basis, and a team of staff members has been delegated to them to conduct a complete review and verification of all payments, receipts, transaction vouchers, cash books, and ledgers. External Audit: The Institute selected an external auditor to conduct an audit of the Institutes financial accounts. At the end of each financial year, the external auditor audits the records and prepares the revenue and expenditure, as well as the balance sheet.</p>

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
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NIL	0	NIL
No file uploaded.		

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	Yes	Associate Professors, Professors
Administrative	Yes	Through Chartered Accountant	Yes	Senior Administrative Officer

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

1. Informal meetings are being conducted to identify the issues related to students. 2. Presently parent teacher meeting will be conducted as and when required and also feedback from parents is collected timely and it is analyzed for taking measures for further development of the Institution in all levels.

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

1. Training programs like Photoshop, MS Excel, MS Word are conducted to enhance the skills of the office staff. 2. Training programs related to latest technology and tools are conducted for lab technician. 3. Stress management programs are organised for the staff members.
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6.5.4 – Post Accreditation initiative(s) (mention at least three)

Trying to implement all the suggestions given by the peer team. Activity based Teaching and Learning Methods. Encouraging students to spend time on practical and upskill.
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6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	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
2016	One day workshop on roles and responsibilities of Mentor	19/12/2016	25/07/2016	25/07/2016	128
2016	Seminar on Academic and Administrative	19/12/2016	22/02/2017	22/02/2017	45

	and disadvantages	contribute to local community					
2016	1	1	01/12/2016	1	Awareness Program on AIDS day at Peddapuram	Health and Hygiene	388
2016	1	1	05/12/2016	1	Awareness Program Plastic wastage to Villagers	Health and Hygiene	286
2016	1	1	10/12/2016	1	Essay Writing Competition on Human rights by Pharmaceutical College students	Human rights	243
2017	1	1	23/01/2017	1	Awareness program on Digital payments	Technological development	412
2016	1	1	13/08/2016	1	Plantation of Saplings	Environmental Responsibility	45
2016	1	1	24/09/2016	1	Community Pledge on NSS Day	Social responsibility	284
2016	1	1	01/10/2016	1	Swachh Bharat	Hygienity	85
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)
A handbook on Code of Conduct for Students	07/06/2016	It is mandatory for the students of the college to adhere to the rules - The code of conduct - framed by the institution mentioning the responsibilities of the students in the personal

		and academic matters. It is a reflection of ethical values to be absorbed by the students.
A handbook on Code of conduct for Teaching and Non-teaching staff	01/06/2016	A list of guidelines was framed as code of conduct compiled from the norms followed by AICTE, JNTUK, Women Rights, and fundamental Rights. The guidelines provide institutional values and principles. They were set as a benchmark rules for the wellbeing of the Institution, Teaching and Non-Teaching fraternity.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Independence Day	15/08/2016	15/08/2016	154
Teacher's Day	05/09/2016	05/09/2016	118
World Photography Day	19/08/2016	19/08/2016	48
Onam	10/09/2016	10/09/2016	147
Engineer's Day	15/09/2016	15/09/2016	241
Gandhi Jayanthi	02/10/2016	02/10/2016	36
International Girl Child day	11/10/2016	11/10/2016	86
National Integration Day	31/10/2016	31/10/2016	58
Dusserah	08/10/2016	08/10/2016	124
Christmas	25/12/2016	25/12/2016	158
View File			

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

Plantation Drives conducted
Encouraging use of bicycles within campus
Restricted entry of automobiles
Encouraging growth of living animals (Animal House)
Programs on Ban on use of Plastic

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice I 1. Title: ICT based teaching -Learning 2. Objectives: The main objectives are 1) To enhance teaching learning process. 2) To allow students and faculty members to participate in e-learning. 3) To make teaching and learning more collaborative and interactive. 3. Context: Engineering in education has seen major changes over the past few decades. Significant increase in the requirement for high quality education has led to adoption of

ICT (Information and Communication Technology). ICT has become an essential component of the teaching and learning process. As they master new skills and technologies, effective use of technology makes the classroom more energetic, stimulates students, and renews instructor zeal. This would increase the teaching ability of the faculty as facilitators of learning. It promotes the idea of self-learning and helps the students to attain the knowledge.

Traditional methods of teaching are found insufficient to generate to contemplation provoking process. Teaching and learning process has developed from being a one-sided activity to a lively process involving exchange of ideas. To make it more collaborative modernized tools and technique are to be utilized.

4. The Practice: Information and communication technology (ICT) centre had started in enhancement of teaching and learning process. ICT appears as a bridge to bridge the gap and help student in the learning process. In this digital age, using ICT in the classroom is critical for providing students with opportunities to study and apply what they have learned. The topic of the syllabus was prepared in power point presentation. Pictures, flowchart, figures and animated figures were included in the PowerPoint presentation to ensure the students can learn the topic more effectively.

- To make the teaching learning process more effectively students are given assignments to prepare the power point presentations.
- The college recommended multimedia material development for teachers and various active learning approaches such as learning by doing, presentation of topic, work in a team and task solving.
- A problem assigned for a team of students that helps students to improve leadership skills, creative skills or techniques and sharing of knowledge.
- Training programs are conducted for the faculty and students.

5. Evidence of Success: Information and communication Technology is playing a vital role in education. ICT can make teaching and learning process more effective and easier. Students are performing better using ICT tools rather than chalk and talk method of teaching. Faculty members began to provide more guidance to students regarding the learning materials available on the internet, such as e-journals e-magazines which are beneficial to students in gaining topic knowledge. The approaches used in ACET are I. E class room teaching: Using ppt material faculty uses LCD to teach the topic. Students can learn more effectively. Using web-access students can gain more knowledge in depth. II. Learning by doing: It is one important guide in teaching learning process. Normally student listening the class physically, but here students handle the concepts or tasks individually or by team that helps enhance their skill and knowledge. III. Team work: The students will be given task work as a team. Students share their ideas and thoughts to solve the task. Students actively participate that helps to develop communication. IV. Seminar /Presentation: Topic will be given to students from the syllabus. Every week batch of students present their topic in the class room. That helps them understand the topic more precisely. V. Career oriented approach: This method helps to get motivated, inspires towards their goal. Students will get motivation from the faculty, experts from industry. VI. Every year 4 workshops are conducted to new students and new faculty. VII. The faculty and students are registered and completed NPTEL courses.

6. Problems encountered:

- Most of the students studying in college coming from rural background.
- Some of the faculties are hesitant to adopt the new technology.

Training programmes conduct that helps the faculty to overcome the difficulties.

- In starting stages it is difficult for students to change from the traditional method but they adopted ICT very fastly.
- Good internet connectivity. ACET management provides good internet speed.

Best Practice II 1. Title: Student Centric approach

2. Objectives:

- To create real time learning experience to the students.
- To create platform for students for industry experience.
- To enhance learning experience of students beyond the syllabus.
- To link the gap between the industry and academic.
- To encourage pupils to pursue holistic growth.

3. Context: Delivering new knowledge to students is a necessity of the day. For any college to start and thrive it must be student

centered, welcoming, helpful, innovative, and follow best practices. To construct a realistic industry simulation that allows students to study in real time. Student centric approach is self learning, beyond class room. ACET have designed student centric practices to overcome the gap between education and industry needs that helps increases employability. 4. The practice: The traditional method of teaching involves students sitting silently and listening to the class, where the teacher gives knowledge and wisdom to students and they enhance their knowledge and skills. Student-centered approach where the instruction transfer from teacher to student. The main objective is students learn the subject individually and takes the responsibility of learning. This approach help students to develop skills required for problem solving in subject and their carrier. Each student has unique talent and skills. Student centric learning approach is personalized, connected learning that will help every student improve critical thinking, problem solving that contribute the society. This approach is not classroom based. 5. Evidence of success Regular orientation with parents: ACET has open door policy where parents can met the class teacher, head of the department and the Principal of the college to discuss or to know the progress of the students. ACET constantly monitors the progress of students academically and information is given to parent constantly. Every year college conducts regular parent interaction meeting starting from the academic year. Enhance teaching learning process: Remedial classes are conducted to slow learners. Advance skill development for fast learners. To improve the English speaking of students we conduct classes'-content will be made available to students. Industry skills: To meet the industrial needs skill development programs are conducted. To enhance the skill development. Entrepreneurship training programmes: Students will be given opportunity to exhibit the technical ideas, innovative proposals. Interaction with industry experts: Experts from various organizations share their knowledge to students that helps them to know the global market requirements. Technical symposium or workshops: workshops are conducted twice a year that helps to enhance the student knowledge levels, students will be given financially support for participating off campus also. 6. Problems encountered: • An industry professional who has to deliver the lecture cancel the lecture at last minute. It is difficult to replace the person. • Our management invites more speakers from the industry. Most of the students are from rural background. • Adopting new skills is difficult task. • The faculty motivates them and trains them accordingly.

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

http://www.acet.ac.in/acet/All_commitees/Best_2016-17.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

1. Digital Classroom Facility The Digital classrooms in the college proved to be one of the most embraced facilities that equipped the students and faculty enabling them acquire knowledge through Visuals, Videos, PPTS, Demonstrations and Practical Procedures. The college converted the traditional classrooms and the laboratories to smart classrooms and smart laboratories by installing sophisticated LCD projectors with internet facility so as to facilitate the faculty to make their classroom teaching a easy learning, thought provoking, innovation driven and rise standards of learning. The faculty had the facility to customise the teaching content according to the abilities and skills of the students to make better understand and imbibe knowledge. The using of teaching aids was made easy with many applications available online and offline. The digital class provided an opportunity to the students to interact with teachers

and also clarify their doubts at the same time with detailed clarification. The classes evoked much interest and enthusiasm in the students to attend classes regularly and also participate in the tasks assigned like individual and group presentations. It facilitates the slow learners to understand better through demonstrations. 2. Empowering Women Our institution took a major initiative to empower women. It encouraged them to take part in all the curricular, co curricular and extracurricular activities. Internal Complaints Committee was established to take care of women faculty and girl students to address the issues like sexual harassment and grievances at workplace and psychological issues. Women faculty were involved in research, Guiding students in operating projects, Paper publishing, Research activities, staff selection process and Research committees in various positions. It also encouraged women faculty to actively participate in Seminars, Workshops, Conferences, FDPs, and leading various committees as coordinators and members. The college also offered maternity leave to women staff for the maximum period of 180 days with full pay. The girls' students were always encouraged to take part in the academic activities on par with boys and made feel secured with the provisions and the security provided. The girl students received scholarship from state and central government Schemes like Central-Government-CSSS, AICTE-Pragathi, Merit-Cum-Mean and Post-metric Scholarship. The college provided secured transportation to girl students who stay in hostels for outing and visit nearby places. The college had made provisions for students in hostels for personal grooming like Beauty Parlour, Gym, Sports place, Entertainment room, Care room, Computer room and Library. The college conducted awareness programs on prevention of sexual harassment, fundamental rights of women and importance of girl child education. The college always gives priority to nurture girl students and provide a secured environment in academics and college premises.

Provide the weblink of the institution

<http://www.acet.ac.in/includes/committees/images/ID/ID16-17.pdf>

8.Future Plans of Actions for Next Academic Year

Enrichment of teaching and learning methodologies in line with current industry trends. Aim to procure funds from various Government and non-government funding sources Exploiting APSSDC training programmes for students, targeting more number of placements Encouraging faculty to attend and conduct FDPs so as to facilitate faculty teaching skills with regard to latest developments Exclusive training department for students so as to make students industry ready and employable