



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT
Name of the head of the Institution	V.V. Nageswara Rao
Designation	Director
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08945-245666
Mobile no.	9247858288
Registered Email	adityaitamtekkali@gmail.com
Alternate Email	aditya_tekkali@yahoo.com
Address	K. Kotturu
City/Town	Tekkali
State/UT	Andhra Pradesh
Pincode	532201

2. Institutional Status					
Autonomous Status (Provide date of Conformant of Autonomous Status)	22-May-2013				
Type of Institution	Co-education				
Location	Rural				
Financial Status	Self financed				
Name of the IQAC co-ordinator/Director	Dr. V. Cittibabu				
Phone no/Alternate Phone no.	918945245666				
Mobile no.	9491934294				
Registered Email	iqac@adityatekkali.edu.in				
Alternate Email	cbabuv@gmail.com				
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)	https://www.adityatekkali.edu.in/iqac/AITAM-11471%20(AOAR-2017%20-18).pdf				
4. Whether Academic Calendar prepared during the year	Yes				
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.adityatekkali.edu.in/iqac/2018-19/Academic_Calendars-2018-19.pdf				
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.44	2011	16-Sep-2011	15-Sep-2016
2	A+	3.30	2019	01-Apr-2019	31-Mar-2024
6. Date of Establishment of IQAC			12-Dec-2011		
7. Internal Quality Assurance System					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by	Date & Duration		Number of participants/ beneficiaries		

IQAC		
Participation in NIRF	01-Dec-2018 1	3000
Participation in AISHE	21-Feb-2019 1	3000
Academic Administrative Audit (AAA)	01-Aug-2018 1	3000
Measures taken to make the Green campus	15-Aug-2018 1	1000
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	NIL	NIL	2019 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 :

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

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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)

- Designing of Program specific outcomes for all the programs
- Academic auditing
- Orientation Programme for 1st Year students
- Conducting Sensitization programs, General Research Culture
- Analysis of journal publications

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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 R&D and Consultancy, Establishing advanced / research labs / centres, setting up new experiments on latest technologies.	• Four departments (CSE, ECE, EEE and ME) are recognized as research centre by JNTUK, Kakinada. • 145.48 lakh of funding is sanctioned from external agencies
Conducting Faculty Development Programs on Emerging technologies.	Three National conferences are organized
Makeup and Remedial classes	Several students were benefited
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	29-Mar-2019
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	21-Feb-2019
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)	<p>AITAM currently has the following MIS operational tools to manage General administration, Autonomous system, Examinations, Student attendance and Continuous evaluation process. 1. BEES ERP Tool It is an intranet based application and can be accessed from anywhere i.e. inside and outside of the Institution. Instead of maintaining student data partially and redundantly at different places, this tool is used to maintain the information properly and efficiently. Authenticated users have access to the system and authorized users are permitted to enter/modify the data. The system is developed to maintain and provide information on the fly regarding the following academic activities of the</p>

Institution. • Administration •
Transport management • Hostel
Management • Academics • Library 2.
BEES Examination Tool. The Autonomous
Examination Section is headed by
Controller of Examinations and is
assisted by two Assistant Controllers
of examinations. BEES Examination Tool
is in operation for preexamination and
postexamination works as listed below.
PreExamination: Question Bank Online
Internal Exams Best Average Online exam
fee collection Hall Ticket Generation
OMR Printing All the Required Report
PostExamination: OMR Scanning Data
Verification Moderation Results
processing Results declaration Posting
the results to the student inbox All
the required reports 3. LMS (Elearning)
moodle tool Moodle LMS is a free open
source, secured with rich set of
features, software platform to create a
webbased online learning environment
containing lecture notes, assignments,
and other material for various courses.
It allows uploading the current
semester, previous semester subject
material. It has the previous semester
question papers. It helps to conduct
online quiz type programs. 4. Tally
accounting software. The accounting and
the inventory features in the Tally
software helps our organization in
keeping track at daily business
transactions and especially used for
payments and salary. 5. Student
Feedback Analysis tool This tool is
used for taking feedback of faculty
twice in a semester based on 20 and 10
questionnaires for theory and lab
respectively. It helps us to maintain
the transparency by inviting the
students' feedback, ideas/suggestions
for the improvement of faculty teaching
learning process. 6. Online open
elective software. Before the
commencement of class work in every
semester, the list of open elective
subjects is uploaded to the software.
The students use this software for the
selection of open electives at the
beginning of the every semester, based
on their options the students will be
divided into batches. 7. Matrix COSEC
software. A total of 36 biometric
devices are installed in all blocks.
This software is used for taking
biometric attendance of the staff two

times in a working day (morning and afternoon). 8. Byte XL Software byteXL provides selflearning course work, guided training for a new generation of coders for the workforce. byteXL helps our students to gain competitive advantage and confidence: • Through industry interface and exposure to relevant terminologies • Through an experiential approach and multiple exercises in coding • Through a personalized approach tailored to individual aspirations Also provides an environment for learning and practice of technical, verbal, reasoning and soft skills

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	05	CSE	29/12/2018
BTech	04	ECE	28/12/2018
BTech	02	EEE	29/12/2018
BTech	01	CE	22/02/2019
BTech	12	IT	29/12/2018
BTech	03	ME	29/12/2018

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

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	Civil Engineering	09/07/2018	Programming for Problem Solving Lab -18ESL102	09/07/2018
BTech	Civil Engineering	09/07/2018	Language Proficiency Lab -18HSL101	09/07/2018
BTech	Civil Engineering	09/07/2018	Professional Ethics & Morals -16HS2201	09/07/2018
BTech	Civil Engineering	09/07/2018	Self Study course - II-16CE3202	09/07/2018
BTech	Civil Engineering	09/07/2018	Drawing of Concrete Structures Lab	09/07/2018

			-16CE3106	
BTech	Civil Engineering	09/07/2018	Surveying Lab -II -16CE2105	09/07/2018
BTech	Civil Engineering	09/07/2018	Employability Skills-13HS4203	09/07/2018
BTech	Civil Engineering	09/07/2018	GIS Lab -13CE4113	09/07/2018
BTech	Civil Engineering	09/07/2018	Entrepreneur Development -13OE4003	09/07/2018
BTech	Civil Engineering	10/11/2018	Advanced English Communication Skills Lab -16HS2102	10/12/2018
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Information Technology	29/12/2018
BTech	Electronics & Communication Engineering	28/12/2018
BTech	Electrical & Electronics Engineering	29/12/2018
BTech	Civil Engineering	22/03/2019
BTech	Computer Science and Engineering	29/12/2018
BTech	Mechanical Engineering	20/07/2018
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	CSE	11/06/2018
BTech	ECE	11/06/2018
BTech	EEE	11/06/2018
BTech	ME	11/06/2018
BTech	CE	11/06/2018
BTech	IT	11/06/2018
Mtech	CSE	28/08/2018
Mtech	VLSISD	28/08/2018
Mtech	PED	28/08/2018
Mtech	TE	28/08/2018
Mtech	SE	28/08/2018

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
Embedded systems	27/12/2018	28
Gaming fundamentals	24/09/2018	46
Google Android Developer Fundamentals Phase-I	28/09/2018	29
Fusion 360	04/10/2018	29
Google Android Developer Fundamentals Phase-II	24/12/2018	29
Revit Architecture	03/01/2019	29
Gamification with ARVR-Unity 3D	21/01/2019	40
Revit Structure	25/03/2019	42
PCB Design fundamentals Advanced	02/07/2018	42
MATLAB Basics	02/07/2018	41
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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	EEE	139
BTech	CSE	174
BTech	ECE	185
BTech	MECH	139
BTech	CIVIL	125
BTech	IT	49
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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
Feedback as a continuous practice, is collected from various stakeholders such

as Students, Teachers, Alumni and Parents for the overall development of the institution. The collected feedback information with a rationale stratification is analysed with internal and external academicians as well as practical people. The outcomes of analysis are converted into the possible actions to be taken which would generally in the form of either formulations or modifications. The actions taken up with evaluation and improvement are made available on website for reference. Feedback processes of the institution may be classified as follows: A. Feedback collected, analysed and action taken and feedback available on website B. Feedback collected, analysed and action has been taken C. Feedback collected and analysed D. Feedback collected Response: A. Feedback collected, analysed and action taken and feedback available on 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
BTech	ME	120	121	111
BTech	IT	60	61	51
Mtech	PED	18	10	8
BTech	EEE	180	94	91
Mtech	VLSISD	18	Nill	Nill
BTech	ECE	207	191	179
BTech	CE	120	90	76
Mtech	SE	18	20	14
BTech	CSE	180	207	180
Mtech	CSE	18	8	5

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	3167	168	201	21	222

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
222	222	126	72	8	8

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

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

For constructive mentoring and development of students, the students are assigned to one faculty mentor who can monitor with the possible number. The counselling system is designed to improve the affinity between faculty and students in order to attain the effectiveness. The allocated faculty regularly monitor the progress of students and counsel them accordingly. Mentoring system is introduced in the institution for the welfare of the students. 15 to 20 students are assigned to a faculty mentor all through the programme i.e. from the first to last semester. Mentor continuously interacts with each student and pays personal attention to uplift students according to the academic capabilities with respect to marks, attendance, perception and attitude. Mentors also focus and sort out personal problems of students if any. Constructive suggestions are given from time to time to improve his/her academic performance. Hence, slow learners are counselled and corrective measures are being taken to improve the performance. The impact of a mentor system is evident as most of the slow learners performance was seen improved. The college endeavours to look after the holistic personality development of all students along with separate classes for slow learners through Personality Development, Yoga classes, Soft skills, Communication skills, Co-Curricular and extra-curricular activities and career counselling.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3335	222	1:15

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
222	222	Null	7	39

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr B.Visweswara Reddy	Associate Professor	ICETESTM-18 Chair Person
2018	Sri S.Ramlal	Associate Professor	ICETESTM-18 Chair Person
2018	Dr.G.Vasanti	Professor	Session Chair ICETESTM-18
2018	Dr.G.Vasanti	Professor	Received award for Best Research Paper Presentation for research paper entitled Grade Card Model Using Fuzzy Logic
2018	Dr.C.P.Patnaik	Associate Professor	Session Chair ICETESTM-18
2018	Dr.R.Sanathi Kumar	Professor	Session Chair ICETESTM-18
2018	Sri.J.Suresh Kumar	Assistant Professor	Completed "IUCEE-EPICS Design Thinking Course without Project

			2018"
2018	Dr.D.Vijay Kumar	Professor	Session Chair ICETESTM-18
2018	Dr.K.Kiran Kumar	Professor	Reviewer of Journal of Institute of Engineers India serices-B
2018	Mr.S.Nagaraju	Associate Professor	Achieved NPTEL Mentor Certificate "Non Conventional Energy Resources"
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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	IA	III Year, Sem-2 (Reg./Sup.)/ 2018-19	07/05/2019	18/05/2019
BTech	IA	II Year, Sem-2 (Reg./Sup.)/ 2018-19	06/05/2019	18/05/2019
BTech	IA	II Year, Sem-1 (Sup.)/ 2018-19	31/01/2019	21/02/2019
BTech	IA	IV Year, Sem-1(Sup.)/ 2018-19	31/01/2019	21/02/2019
BTech	IA	III Year, Sem-1(Sup.)/ 2018-19	31/01/2019	21/02/2019
BTech	IA	I Year, Sem-1 (Sup.) / 2018-19	29/01/2019	21/02/2019
BTech	IA	II Year, Sem-1 (Reg./Sup .)/2018-19	08/12/2018	20/12/2018
BTech	IA	I Year, Sem-1 (Reg./Sup.)/201 8-19	03/12/2018	19/12/2018
BTech	IA	IV Year, Sem-1 (Reg./Sup .)/2018-19	01/12/2018	15/12/2018
BTech	IA	III Year,	10/11/2018	08/12/2018

Sem-1 (Reg./Sup
.) /2018-19

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

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
3	3531	0.085

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://www.adityatekkali.edu.in/igac/2018-19/2.6.1.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
1E	MBA	MBA	45	40	88.89
1A	BTech	CE	138	125	90.58
1A	BTech	CSE	176	175	99.43
1A	BTech	ECE	183	180	98.36
1A	BTech	EEE	192	176	91.67
1A	BTech	IT	28	28	100
1A	BTech	ME	129	124	96.12
1D	Mtech	VLSI SD	3	3	100
1D	Mtech	TE	5	5	100
1D	Mtech	PED	2	2	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)

<https://www.adityatekkali.edu.in/igac/18-19/2.7.1.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

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

Yes

Name of the teacher getting seed money

Dr .D .Azad

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

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
Nil	NA	NA	Nil	NA

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3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Interdisciplinary Projects	1	Entrepreneurship Awareness Camp Edii, Ahmadabad	0.8	0.8

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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

0.035

3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Intellectual Property Rights and Patents	Mechanical and R and D	07/07/2018
Managing Intellectual Property Portfolio	MBA and R and D	30/07/2018
Technology Transfer and Innovation	ECE and R and D	30/08/2018
Applications of Patents for Research Scholars and Students	SAC and R and D	27/10/2018
commercialization Patenting system in India	CSE and R and D	29/12/2018

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Chaatra Vishwakarma Awards 2018	G.Rupesh	AICTE, New Delhi	25/01/2019	National level
Chaatra Vishwakarma Awards 2018	P.Prasanth	AICTE, New Delhi	25/01/2019	National level
Chaatra Vishwakarma	G.Pavan Kumar	AICTE, New Delhi	25/01/2019	National level

Awards 2018				
Project Expo	M.Sai Nikhila	Shaastra 2019, IIT Madras	06/01/2019	National level
Project Expo	TVS Gowtham	Shaastra 2019, IIT Madras	06/01/2019	National level
Pariksha Pe Charcha 2.0	G.Pavan Kumar	MHRD,AICTE	25/10/2018	National level
Mortar Master	G.Sai Kumar	Prathistha 19, JNTU, Kakinada	19/02/2019	State level
Mortar Master	Gulla Kishore Kumar	Prathistha 19, JNTU, Kakinada	19/02/2019	State level
Mortar Master	Baratam Gowtham Kumar	Prathistha 19, JNTU, Kakinada	19/02/2019	State level
Mortar Master	Dharmana Appala Naidu	Prathistha 19, JNTU, Kakinada	19/02/2019	State level
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Idea incubation centre	Aditya Institute of technology and management	Aditya Institute of technology and management	Inzet Solutions	Web development (ERP) and web designing	16/01/2019
Idea incubation centre	Aditya Institute of technology and management	Aditya Institute of technology and management	Arum Innovations Pvt Ltd	IOT Hybrid Vehicle Manufacturing Company	25/01/2019
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
CSE	Nil
ECE	3
EEE	2
ME	1
CE	Nil
IT	2
BSH	Nil

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	ME	22	1.84
International	EEE	15	5.25
International	ECE	29	5.52
International	CSE	13	1.23
International	CE	5	7.13
International	IT	3	3.64
International	BS and H	6	1.95
International	MBA	2	5.65

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

Department	Number of Publication
ECE	5
EEE	6
CSIT	1
ME	9
BS and H	7
CE	2
MBA	4

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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
NIL	Nil	0	Nil

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Impact of e-marketing promotions on the performance of religious tourism: In case of Srikakulam	Venugopal K., Vishnu Murty D.	International Journal of Engineering and Advanced Technology	2019	0	Aditya Institute of Technology and Management	Nil

District, A.P,						
Strength behavior of M25 grade concrete mixed with two artificial fibers in both curing and without curing condition	Sankara Rao G.G., Ippili S., Vasudeva C.	International Journal of Engineering and Advanced Technology	2019	0	Aditya Institute of Technology and Management	Nil
Brand personality effect on brand loyalty: In case of national banks from Srikakulam city, Andhra Pradesh, India	Venugopal K., Vishnu Murty D.	International Journal of Engineering and Advanced	2019	0	Aditya Institute of Technology and Management	Nil
A fuzzified Pareto multiobjective cuckoo search algorithm for power losses minimization incorporating SVC	Nartu Tejeswara rao, Matta M.S., Koratana S., Bodda R.K.	Soft Computing	2019	3	Aditya Institute of Technology and Management	3
Flow-induced oscillations of three tandem circular cylinders in a two-dimensional flow	Behara S., Chandra V., Ravikanth B.	Journal of Fluids and Structures	2019	3	Aditya Institute of Technology and Management	3
Multilevel image thresholding for image	Naidu M.S.R., Rajesh Kumar P.	International Journal of Innovative Technology	2019	0	Aditya Institute of Technology and	Nil

segmentation using hybrid algorithm		and Exploring Engineering			Management	
Gradient tree boosting approach for software defect prediction	Eswara Rao K., Appa Rao G., Anuradha S.	International Journal of Advanced Science and Technology	2019	1	Aditya Institute of Technology and Management	1
Impact of e-marketing promotions on the performance of religious tourism: In case of Srikakulam District, A.P,	Venugopal K., Vishnu Murty D.	International Journal of Engineering and Advanced Technology	2019	0	Aditya Institute of Technology and Management	Nil
India Firefly algorithm based PID controllers for automatic load frequency control in different power systems	Boddepalli M.K., Navuri P.K.	International Journal of Engineering and Advanced Technology	2019	0	Aditya Institute of Technology and Management	Nil
Routing by HDF based optimal path selection in multipath WSNs	Prasan U.D., Murty G.S., Ramesh C., Murty S.V.	International Journal of Recent Technology and Engineering	2019	0	Aditya Institute of Technology and Management	Nil
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Effect of sea	Naidu G.D.R.,	International	2019	Nil	Nil	Aditya Institute

water on strength of concrete made by river sand and sea sand	Ram Prasad A., Ramlal S.	Journal of Recent Technology and Engineering				of Technology and Management
Routing by HDF based optimal path selection in multipath WSNs	Prasan U.D., Murty G.S., Ramesh C., Murty S.V.	International Journal of Recent Technology and Engineering	2019	Nil	Nil	Aditya Institute of Technology and Management
Firefly algorithm based PID controllers for automatic load frequency control in different power systems	Boddepalli M.K., Navuri P.K.	International Journal of Engineering and Advanced Technology	2019	Nil	Nil	Aditya Institute of Technology and Management
Gradient tree boosting approach for software defect prediction	Eswara Rao K., Appa Rao G., Anuradha S.	International Journal of Advanced Science and Technology	2019	1	1	Aditya Institute of Technology and Management
Multilevel image thresholding for image segmentation using hybrid algorithm	Naidu M.S.R., Rajesh Kumar P.	International Journal of Innovative Technology and Exploring Engineering	2019	Nil	Nil	Aditya Institute of Technology and Management
Flow-induced oscillations of three tandem circular cylinders in a two-dimensional flow	Behara S., Chandra V., Ravikanth B.	Journal of Fluids and Structures	2019	3	3	Aditya Institute of Technology and Management

A fuzzified Pareto multiobjective cuckoo search algorithm for power losses minimization incorporating SVC	Nartu T.R., Matta M.S., Koratana S., Bodda R.K.	Soft Computing	2019	3	3	Aditya Institute of Technology and Management
Brand personality's effect on brand loyalty: In case of national banks from Srikakulam city, Andhra Pradesh, India	Venugopal K., Vishnu Murty D.	International Journal of Engineering and Advanced Technology	2019	Nil	Nil	Aditya Institute of Technology and Management
Strength behavior of M25 grade concrete mixed with two artificial fibers in both curing and without curing condition	Sankara Rao G.G., Ippili S., Vasudeva C.	International Journal of Engineering and Advanced Technology	2019	Nil	Nil	Aditya Institute of Technology and Management
Impact of e-marketing promotions on the performance of religious tourism: In case of Srikakulam District, A.P, India	Venugopal K., Vishnu Murty D.	International Journal of Engineering and Advanced Technology	2019	Nil	Nil	Aditya Institute of Technology and Management
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
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Attended/Seminars/Workshops	50	247	Nil	Nil
Presented papers	10	15	Nil	Nil
Resource persons	10	10	Nil	Nil
View File				

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
EEE	Turnkey Installation Electrical 50KWp rooftop sun tek solar Saraswati DairyFarm , Hyderabad	Vaishnavi Construction and Engineering	195000
ECE	Fitting of images in a cubical box for nice visualisation.	WALLS and FLOORS Enterprises, Sethamadhara, Visakhapatnam	100000
CSE	Web and Mobile application for Logistics and Supply Chain Management	Hashtag Digital Technologies Pvt. Ltd.	500000
ME	Internal Revenue	Siemens NX Training (Under Siemens PLM ATC, AITAM)	85000
CIVIL	Thermal System Desig and Plant Layout Optimization	Lito Marine Wxports Pvt. Ltd, VSP	145000
CIVIL	ASC Consultancy	Lito Marine Wxports Pvt. Ltd, VSP	155000
ME	Murari Software Solutions, Hyderabad	Component and Assembly Design for end customer of Murari Software Solutions	265000
CIVIL	HKMCF, Srikakulam	Brick Sample tests - 1,2	1000
CIVIL	SPL-CCCL Infra Pvt. Ltd.	Sand test Zone 1,2	1000
CIVIL	Sri. Jagan Mohan Raju, Assistant Executive Engineer, R B division,	M20 (Mix design), HYSD steel tension test	6500

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

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
BS and H	English and Communication Skills for Work Integrated Training	B Voc in Manufacturing Technology (with Clints Dr.Reddys), Pydibhimavaram	5000	20
EEE	Two days PLC SCADA Training	Varam power plant-Shift incharge electrical, Srikakulam	4000	6
CE	Executive Training Program on Design Drawing of construction of buildings	SS Associates Architechers, Narasannapeta	20000	10
IT	Training Program on Animation Testing tools	Hotspare e-services (p) ltd, Visakhapatnam	10000	18
ME	Technical Event	TUUV Quality Certifications Private Limited, Hyderabad	4000	24
MBA	Financial Education for Executives	SurekhaUnicon cepts, Visakhapatnam	4500	25
MBA	National Integration camp	SETSRI, Srikakulam	5000	60
MBA	Soft skills and communication skills	Department of Posts, Srikakulam Division, A.P.	5000	53
MBA	National Integration camp	SETSRI, Srikakulam	15000	60
MBA	Communication and Teamwork	Ramki foundation, Visakhapatnam	4500	25

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3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
International Yoga day	AITAM NSS UNIT Samarasata Foundation	10	265
Swatch Bharat Pakhwada	AITAM NSS UNIT Village committee	6	200
Teachers day	AITAM NSS UNIT	50	300
NSS day celebrations	AITAM NSS UNIT	10	150
Gandhi Jayanti	AITAM NSS UNIT	10	180
TITLY Cyclone relief camp	AITAM NSS UNIT	15	110
National unity day	AITAM NSS UNIT	8	180
Children's Day	AITAM NSS UNIT Behara Mano Vikasa Kendra	5	40
Sri Swami Vivekananda Ramakrishna Bhakta Sammelanam	AITAM NSS UNIT Rama Krishna Mission Tekkali	6	150
Mega blood donation camp	AITAM NSS UNIT Indian Red Cross Society	25	350
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Swatch Bharat Programme at Bird sanctuary Telineelapuram village	Certificate of appreciation	Village president, Telineelapuram	200
TITLY Cyclone relief camp at severely affected villages	Certificate of appreciation	College Chairman	110
Children's Day	Certificate of appreciation	Management of Behara Mano Vikasa Kendram	40
Sri Swami Vivekananda Ramakrishna Bhakta Sammelanam	Certificate of appreciation	Rama Krishna Mission, Tekkali	150

Mega Blood Donation Camp	Certificate of appreciation	Indian Red Cross Society, Srikakulam.	350
An Awareness programme on Voter rights to villagers of K. Kotturu	Certificate of appreciation	Mandal Tahsildar, Tekkali	250
AIDS Day rally	Certificate of appreciation	Village President, K.KOTTURU	50
Kartika Masam	Certificate of appreciation	Village President Ravivalasa	40
View File			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
International Yoga Day	AITAM NSS UNIT Samarasata Foundation	International Yoga Day	10	265
Swatch Bharat Pakhwada	AITAM NSS UNIT Village committee	Swatch Bharat	6	200
Blood Donation	AITAM NSS UNIT Indian Red Cross Society	Mega Blood Donation Camp	25	350
Bal Diwas	AITAM NSS UNIT Behara Mano Vikasa Kendra	Children's day	5	40
Rashtriya Ekta Diwas	AITAM NSS UNIT	National Unity Day	8	180
International AIDS Day	AITAM NSS UNIT P H C K Kotturu	AIDS DAY Rally	5	140
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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
NIL	NIL	NIL	0
View File			

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry	Duration From	Duration To	Participant

		/research lab with contact details			
Internship	Industry Institution Interaction	ADENSIGN TECHNOLOGIES	13/05/2019	08/06/2019	BURADA MAHESH
Internship	Industry Institution Interaction	AQUARIANT IT, Visakhapatnam	13/05/2019	08/06/2019	APPINI PRANEETHA
Internship	Industry Institution Interaction	AQUARIANT IT, Visakhapatnam	13/05/2019	08/06/2019	BADAGALA ANUSHA
Internship	Industry Institution Interaction	AQUARIANT IT, Visakhapatnam	13/05/2019	08/06/2019	BALAGA VINOODH KUMAR
Internship	Industry Institution Interaction	AQUARIANT IT, Visakhapatnam	13/05/2019	08/06/2019	BAMMIDI MEENA KUMARI
Internship	Industry Institution Interaction	AQUARIANT IT, Visakhapatnam	13/05/2019	08/06/2019	BARATAM VENKATA MANOJ KUMAR
Internship	Industry Institution Interaction	AQUARIANT IT, Visakhapatnam	13/05/2019	08/06/2019	BELUSONTI MOUNIKA
Internship	Industry Institution Interaction	AQUARIANT IT, Visakhapatnam	13/05/2019	08/06/2019	BHOGI PAVAN KUMAR
Internship	Industry Institution Interaction	AQUARIANT IT, Visakhapatnam	13/05/2019	08/06/2019	BODDA MAMATHA
Internship	Industry Institution Interaction	AQUARIANT IT, Visakhapatnam	13/05/2019	08/06/2019	BONU MOHAN SUMANTH
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
GIT Solutions	23/02/2019	Placements/Internships	38
Ambest technologies	16/12/2018	Placements/Internships	31
Cloud Technologies	08/11/2018	Placements/Internships	33
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

Weeding (hard & soft)	Nil	Nil	Nil	Nil	Nil	Nil
Others (specify)	Nil	Nil	Nil	Nil	Nil	Nil
View File						

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr.M.V.Ratnamani	L AC	LMS-AITAM	13/08/2018
Sri.N.NageswaraRao	Applied Physics	LMS-AITAM	13/08/2018
Sri B.Ravi Kumar	B E	LMS-AITAM	13/08/2018
Smt.A.Jaya Lakshmi	Electronic Devices	LMS-AITAM	13/08/2018
Sri.Ch.Rajasekhara Rao	S S	LMS-AITAM	09/07/2018
Sri.M.S.R.Naidu	PDC	LMS-AITAM	09/07/2018
Dr.A.S.Srinivasa Rao	EC-I	LMS-AITAM	09/07/2018
Sri.G.Ashok	LCS	LMS-AITAM	09/07/2018
Sri.T.JaganMohan Rao	ET	LMS-AITAM	09/07/2018
Sri.M.V.H.B.Murthy	LICA	LMS-AITAM	11/06/2018
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	1315	26	100	1	1	29	1202	100	0
Added	38	2	10	0	0	3	35	10	0
Total	1353	28	110	1	1	32	1237	110	0

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

110 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
-	-

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
735	731.95	335	333.24

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)

AITAM has all necessary infrastructure facilities as per AICTE and UGC Norms. The campus has SIX Blocks named as A,B,C,D,E and F in which all the departments are housed with TWO Drawing halls , RD Labs for every Department and FOUR Workshops. Besides, it has a Canteen, Well equipped Gym, Cricket ground, Volleyball court, Handball Court, Foot Ball court and Open area for other Sports Games, Car Bike Parking facilities, Three Boys Hostels, Two Girls Hostels and a Clinic. AITAM has student support facilities such as Student Activity Centre (SAC), Career Guidance Cell, Training Placement Cell, Entrepreneurship Development Cell, Business Incubation Centre, AP Skill Development Centre, Industry Institute Interaction Cell and Hobby Clubs. The planning, development, management and maintenance of physical, academic and support Facilities such as laboratory, library, sports, computers, classrooms etc., are being monitored by Dean (Administration planning) assisted by Estate Manager and Maintenance Staff. Schedules are prepared for breaking down maintenance and preventive maintenance as per Warranty and Guarantee Cards of the particular supplier. However there is an established system and procedure given below to be followed by Each Department. 1. Any minor or major repair/ problem is to be complained in written duly signed by the concerned HoD including Library to Dean (Administration planning). 2. Dean immediately forwards the issue to the Estate Manager and asks him to visit the place along with his maintenance staff and rectify if it is a minor. 3. If it is a major repair /problem, estimated cost is prepared and submitted to Director duly signed by Estate Manager with a copy to Dean (Administration Planning). 4. As per Director's decision, the problem will be solved within a week. 5. Finally feedback on worksatisfaction by maintenance staff along with the date time will be filed and updated from time to time. 6. There is a Committee which conducts meeting once in three months and discusses breakdown and preventive maintenance issues and suggests accordingly. Sometimes, a surprise visit is also taken up to assess the work done. A separate computer maintenance team handles the departmental requirements. For every computer centre, a programmer / technician is recruited and a faculty member is made as the in-charge. An exclusive department with 06 hardware engineers functions to cater to the needs of day to-day computer maintenance. However, minor software and hardware problems are handled by concerned lab technicians. The central library has its human resource and the Departmental libraries are maintained by office assistant and a faculty In-charge. Yearly stock verification is taken up by library committee members during summer break and Add/minus books yearly as per requirement based on the students feedback and HoD's recommendations. All the departments take care of timely maintenance of the laboratory equipment. Most of the maintenance work is completed during summer break which is closely monitored by Heads of the Departments.

<https://www.adityatekkali.edu.in/iqac/18-19/4.4.2.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	AITAM Sahaya Scheme	729	3556265
Financial Support from Other Sources			
a) National	NIL	Nil	0
b) International	NIL	Nil	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Soft skill development	15/06/2018	1100	Mr.Adishesha Sai,Trainer, Sri Adisheshasai Konakalla, By Face Team, Talentio solutions, Hyderabad, Team CCC (Campus Corporate Connect), Sunil Kumar Metta, Team CCC (Campus Corporate Connect), Mr. Suresh Kumar Tankala, Lead Consultant, WIPRO
Remedial coaching	25/06/2018	1803	In house Training
Language lab	16/09/2018	2140	In house Training
Bridge courses	10/07/2018	2561	In house Training
Yoga, Meditation	17/06/2018	690	In house Training
Personal Counseling and Mentoring	14/06/2018	9654	In house Training and TPC
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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
2019	Career Counselling/Placements/Higher Education	2203	2203	16	498
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
6	6	4

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Soctronics /Invecas	20	2	TCS-Code Vita	120	1
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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
2019	1	B. Tech	Mechanical Engineering	GITAM University, VSKP.	MBA (Fintech)
2019	1	B. Tech	"Computer Science and Engineering"	"Sapienza Universita DI Roma, Rome, Italy."	"MS (Artificial Intelligence and Robotics)"
2019	1	B. Tech	Mechanical Engineering	ICBM School of Business Excellence	PGDM
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	Nil
SET	Nil
SLET	Nil
GATE	6
GMAT	Nil
CAT	Nil
GRE	Nil
TOFEL	Nil
Civil Services	Nil
Any Other	4

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

Activity	Level	Number of Participants
Kho-Kho (Girls)	Institution	60
Shuttle Badminton (Girls)	Institution	34
Athletics	Institution	70
Kho-Kho	Institution	72
Shuttle Badminton	Institution	44
Volley Ball	Institution	82
Basket Ball	Institution	60
Football	Institution	96
Cricket	Institution	120
Cricket Selection	University	180

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	1st /Gold	National	1	Nil	16A55A0310	I.Purana Chandra Rao
2018	2nd / Silver	National	1	Nil	16A51A0558	G. Rachana
2018	2nd	National	1	Nil	16A55A0310	I.Purana Chandra Rao
2018	"2nd/ Cricket"	National	1	Nil	15A51A0104	A. Jagadeesh
2018	"2nd/ Cricket"	National	1	Nil	15A51A0314	Deepak Singh
2018	"2nd/ Cricket"	National	1	Nil	15A51A0497	M. Manoj Kumar
2018	"2nd/ Cricket"	National	1	Nil	15A51A05A7	M. Vasu Deva Rao
2018	"2nd/ Cricket"	National	1	Nil	15A55A0502	D. Dinesh
2018	"2nd/ Cricket"	National	1	Nil	15A51A04E9	S. Rohith
2018	"2nd/ Cricket"	National	1	Nil	15A51A0102	A. Vijay Bhanu

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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)

AITAM has a student council named as Student Activity Centre (SAC) comprising 28 (4 from each engineering branch MBA) student representatives (14 each of boys girls). These 14 members are selected on the basis of academic performance as well as achievements. The other 14 members are nominated by the respective Heads of the Departments. Student Council is a central body which monitors the academic, co-curricular and cultural events like ASPIRE, NSS, various State-level or National-level festivals and all the other events organized in and around the campus. In addition to the Student Council, AITAM has following committees with adequate student representation. 1. ANTI RAGGING COMMITTEE DISCIPLINARY COMMITTEE: All senior students play a vital role in making AITAM as ragging free campus. They welcome the junior students sincerely and help in allotting the rooms, explaining the environment and campus facilities, involving in food sub-committee, Library books, etc. They themselves monitor the academic and related activities of the students at night. 2. LIBRARY COMMITTEE The library committee members meet once every quarter to discuss the availability of books, periodicals, journals and procurement of new titles. Students representing all branches are made as members. Opinions of the students on matters related to adequacy and availability of books, e-resources, new titles and other facilities are highly considered. 3. HOSTEL COMMITTEE (BOYS GIRLS) The Boys' and Girls' Hostels have separate committees. The members including student representatives meet once a month to discuss issues as per agenda like food quality and menu, water, and sanitation as well as to initiate remedial actions. The various subcommittees in each of these hostels are Food Committee, Maintenance Committee, Discipline Committee, etc. 4. TRANSPORT COMMITTEE (Girls Boys) The transport committee including student representatives meets once in a quarter to sort out the grievances like adequacy of seating, timings, providing additional stops, etc. 5. BOARD OF STUDIES Committee members including alumni nominees meet once every semester. The Alumni nominee plays an important role in providing the feedback from the students on such aspects as the length and duration of the syllabus, the relevance of the topics, the need to include any new topics, etc. 6. EXTRA CURRICULAR ACTIVITIES COMMITTEE, (SPORTS GAMES, NSS, HOBBY CLUBS, CULTURAL) Members of the committee, including student representatives, meet once in a quarter and take up agenda items like existing facilities, forthcoming tournaments, scheduling of practice timings to various departments, coaching facilities, etc. 7. WOMEN DEVELOPMENT COMMITTEE (ANTI SEXUAL HARASSMENT COMMITTEE) Members of the committee including student representatives meet once in quarter and take up all activities related to women development including issues related to ragging, sexual abuse, harassment by any boys etc. and solved with the support of management.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

An Alumni Association is a cozy nest of reminiscences of past passions and fashions of fury and merry moments of bovine and grown deeds. It is a rich resource for not only in house students but also the ones who have settled in various fields. Alumni bridge the gap between past and present connect the academia and industry. An alumni association provides a variety of benefits and services that help alumni maintain connections to their educational institution and fellow graduates. It offers individual career advising, workshops, and seminars tailored to your needs. An alumni association supports new alumni, and provides a forum to form new friendships and business relationships with people of similar background. It is a platform for alumni and prospective alumni,

enabling them to forge contacts, maintain relations, acquire knowledge and exchange experience. The plant of AITAM germinated in the year 2001 and has grown into a big tree. The students who have breathed its air thought that the time has come to inaugurate AITAM Alumni CHAPTERS in Hyderabad, Chennai, Bangalore Delhi with its old golden students as members. And now the alumni of AITAM think of their Alma Mater and they feel: "the time has come to show our gratitude and shower our gratuity on our Alma Mater (AITAM). We owe so much to this which has shaped and framed us to be what we are today. Let's join hand in hand to spread the glory of AITAM, to raise the flag of victory so high." I feel proud to be a part of the alumni of AITAM, I'm ebullient when memories of it come. I'm indebted to its services that are precious and prime, I, thus, strive hard to enhance its fame and name. I'd like to see it in every respect in the front row, I'll be there in its journey and success I vow.

5.4.2 – No. of registered Alumni:

8245

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

94000

5.4.4 – Meetings/activities organized by Alumni Association :

Aditya Institute of Technology and Management is conducting 02 Alumni meets per year. We organized 12th AITAM Alumni meet in Grandeur Hotel, Hyderabad on 16-12-2018. In this meet 175 Alumni from various branches participated and gave suggestions for academic excellence. AITAM (A) organized In-campus Alumni meet on 19/01/2019, where 20 Alumni attended the meet. Alumni visited our campus, shared memories and interacted with teachers and students.

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)

AITAM has its own Board of Governors (BoG) as per UGC guidelines and composition. BoG empowered Director, AITAM to take decisions constituted various committees as and when required on its behalf. Functioning of these committees led to transparent, congenial, fair and participative based on mutual trust. The structure of governance at AITAM facilitates transparency in Hierarchy, decision making and implementation of programmes, policies and procedures. CASE STUDY- ASPIRE 2K19 (A National level Technical Symposium) The practices of decentralisation and participative management is applied and exhibited in the event ASPIRE 2K19, a techno management fest conducted by AITAM 25-26 February 2019. The initial discussion about to conduct the event was communicated to all communities of Management, Faculty and students with the participation of all the Management members (BoG), Director, Principal, Deans, Associate Deans, HODs, Professors, Some of the Faculty and Student Class Representatives (CRs) and gathered the mixed opinions from them. As conclusive outcomes of the meeting, the dates for conducting fest and the nominations of convenor and co-convenors were finalised in a decentralised process of representing all the departments. BoG empowered Director to take decisions and constituted various committees as and when required on its behalf. An Advisory Committee was formed with Management members, Director, Principal, Deans, All HoDs, Convener and Co-Conveners as organizers. Director and Principal empowered Convener to take decisions and constitute various committees as and when required on behalf. The committees were formed at the standpoint of maximum participation from faculty and students from all departments. Designing, Guest receiving, Hospitality food, Sponsors, Disciplinary, Certificate and helpdesk, Anchoring and Transport

as the major activities the committees were formed by the Convener and Co-Conveners with the approval of Director for taking decisions on its behalf. A student organizer from each department were selected who disseminate work authority and responsibility to student volunteers. After discussions in a participative manner, the committee members finalized the list of committees including HoDs, faculty and students from I, II, III and Final year of all branches with the approval of Convener. Duties and responsibilities of committees and its members were clearly mentioned and discussed. Convener prepared an estimated budget of Rs.12 lakhs for the event and allocated the budget to different activities as per the decisions taken in a decentralised process. Participations in all competitions from different branches of engineering were invited from all over the country through mail. All the activities and competitions were conducted with a group of persons associated with judges, co-ordinators and student volunteers in a decentralised manner. The Committee checked the mails and prioritized the participations. Programme was inaugurated by the Chief Guest who distributed the medals for students on 25th February 2019 and concluded by Guest of Honour of valedictory session by whom the prizes in sports were distributed on 26th February 2019. The participation of all the faculty and students graded up the managerial skills of event management.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	<p>There has been a considerable growth in admissions year by year in engineering programmes through the entrance test conducted by the government as well as management quota seats. The admissions are majorly from the nearby places and some join from other states and other countries also.</p> <p>Since the certifications, accreditations, placements and awards have been uphold by the institution, the credibility of the institution is transformed in the way of admissions. There is a good demand for the seats from the market as it has got good brand value attributed with discipline, security, placements and ambience.</p>
Industry Interaction / Collaboration	<p>To improving the skills of students Organizing webinars, Guest lectures, workshops by industry experts to make students aware of latest technologies and provided an opportunity for students to interact with Industry experts Motivating students towards internships and make is a credit course, so it will help the students for having the real time work experience and will help them to get placements. Provided industrial tours</p>

to know the best practices opted by different companies/industries. Working towards exchange more MOU'S with Industries to exchange the knowledge.

Human Resource Management

Since autonomy, the BoG of AITAM has made a point to involve faculty at every possible stage in decision making. The BoG believed strongly in the Strategy "Recruit, Mentor, Reward and Retain Best faculty and staff who are innovative, energetic, committed and dedicated to the highest standards of excellence." Accordingly, the college has taken many steps towards development and empowerment of Faculty staff such as encouragement in earning their Ph.Ds, Incentives to publications, encouraging patent applications TA DA to participate in national and international seminars, conferences, workshops and Training programmes etc.

Library, ICT and Physical Infrastructure / Instrumentation

AITAM has 2490 sq.mt. Indoor and 13620 sq.mt. Outdoor facilities. Academic blocks with state of the art labs, workshop, and standby generator, new hostels blocks, extra canteens, mess, dining halls, and sewage treatment plant are some of the infrastructural developments in recent years. An automated Central library is established in two-floors with over 1 lakh hardcopies of books, journals, e-books, rare books, and databases. A centralized server is operational 24/7 providing IT services with a bandwidth Internet connectivity of 110 MBPS. All seminar halls are equipped with LCDs projectors. All the departments are provided with high-end laptops.

Research and Development

Research places a key role in the part of Institutional development, there are various opportunities are facilitated in research such as, Providing opportunity to work with higher level institutions like IITs/IIMs. Sponsoring for seminars / conference / workshops / Orientation courses / refresher courses like STTPs, FDPs, SDPs, etc. by paying registration fee, TA/DA with academic leave. Institute providing incentives to faculty and students for publishing their paper in SCI/Scopus / UGC journals. Existing laboratories are modernized with additional equipment and experimental set-up. Exposure to

international expertise by organizing invited lectures, work-shops, seminars and conferences, etc. To encourage to pursue PhD, institute provides tuition fee, in addition that providing infrastructure, computing, library, Wi-Fi, PLAGIARISM check facilities, etc.. The institute having research centres in various branches recognised by the university. The students are guided and encouraged to present papers in the seminars and conferences The supporting staff is also encouraged to upgrade their skills by being deputed to relevant authorized / recognized training centers in their respective trades / fields

Examination and Evaluation

- Question Papers for Semester End Examination are set by outside subject experts from reputed Institutions. • Inclusion of CCTV cameras for Continuous monitoring of examinations conducted in examination rooms, identifies the entry of un-authorized persons into the examination section and Continuous monitoring of activities of examination section and spot evaluation process. • Appointment of Valuers from reputed institutions ensures impartial valuation of answer scripts. • Recounting and reevaluation facilities are provided • Inclusion of security features in grade cards so that chances of manipulations nullified. • Complete Automation of Examination Management System ensures considerable improvement in the speed, reliability, efficiency, security, transparency, confidentiality and accuracy in the process of the examination process. Parents could access result status of wards. • Continuous Evaluation of students is carried out by giving assignments, conducting Assessment Tests and Mid examinations, students will be evaluated continuously and corrective measures shall be taken if necessary. • Academic and Administrative Audit Report (External) is incorporated so that there is always scope for continuous improvement. • Mini Project and Major Projects are evaluated through presentations and viva. Grades are awarded using the project rubrics framed by the department. • Program outcomes are evaluated using the performance of these course outcomes •

	Finally, PEO's and PSO's are evaluated using the performance of program outcomes, Graduate Exit survey and Stake holder's feedback.
Teaching and Learning	<p>AITAM recruits the faculty as per AICTE and UGC norms. The subjects are assigned to the faculty members based on competency matrix, specialization and experience. Teachers prepare an elaborate lesson plan, ICT tools, modern pedagogy and Project based labs. To bridge curriculum and industry requirements, additional topics are covered in theory and laboratory course. Further, the knowledge is strengthened by guest lectures, workshops, conferences etc. Additionally, tutorial classes for all and Bridge courses for the freshers and lateral entry students are conducted. Moving towards the 'outcome based approach', every programme formulates a set of PEOs, POs, PSOs and COs.</p>
Curriculum Development	<p>ITAM offers sixteen programs leading to different degrees in UG, PG, and PhD in engineering and management disciplines. The curriculum design and development focus on thrust areas identified by the APIIC, CII, Planning Commission, and Department of Higher Education which covers employability, HRD, contributions to social and economic development and future global challenges. These objectives are built into the curriculum at the micro level which satisfy the POs, PSOs and COs. A provision is made for additional courses which sensitize students to cross-cutting issues. The syllabi are revised based on current global trends and stakeholders' feedback.</p>

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

E-governance area	Details
Planning and Development	<p>SMS system has been implemented to disseminate the concerned information including regular notice to respective stakeholders. • Office is digitalized maintaining complete database of students, faculty and staff etc. • Library is automated using B-CRT Campus software for inventory Management and facilitating AITAM Cloud for students and faculty to use e- library resources effectively. • Students register choice</p>

	<p>based/open electives through online portal provided in AITAM website.</p>
Administration	<ul style="list-style-type: none"> • Online communication system is in practice for most of the activities to be accomplished for administration • Programmes such as seminars, FDPs, conferences, trainings etc. are being promoted through digital media • AITAM portal is uploaded regularly with all important happenings in the respective portals. • Notices and circulars are uploaded in the college website and communicated to different departments through email from the office of the Principal • Salary of faculty members and staff is transferred directly to the bank account.
Finance and Accounts	<p>Online admission of students is being done by state government of AP through EAMCET.</p> <ul style="list-style-type: none"> • Student's database through BEES, is maintained and it can be viewed by the students • Information of Course curriculum, Academic calendar, Time tables are made available in the college website. • Merit list is prepared and uploaded by fully computerized system • Email IDs and contact numbers of all members of Discipline Committee, Anti Ragging Committee, Anti Ragging Squad and Grievance Redressal Cell have been uploaded in the college website and students can communicate to the members through email • Automatic SMS alerts are sent to the parents of students whenever they are absent to class as well as to convey any important information
Student Admission and Support	<p>Examination schedule is provided in website.</p> <ul style="list-style-type: none"> • On completion of evaluation, marks are computerized. • Processing of results is automated and results are made available in website. • Grade sheets of semester end examination are made available for downloading by students. • SMS alerts are sent to the parents regarding performance in the examinations of their wards.
Examination	<p>Examination schedule is provided in web site.</p> <ul style="list-style-type: none"> • On completion of evaluation, marks are computerized. • Processing of results is automated and results are made available in website. • Grade sheets of semester end examination are made available for students upon confirmation of results

SMS alerts are sent to the parents regarding performance in the Examinations of their wards. • BEE's examination Tool Software is in operation for pre examination and post examinations works. • All the monetary transactions (both the receipts and payments) are processed through CMS online software.

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
2019	Dr.C J Rao	ICT IN Advanced Manufacturing Engineering	E ICT Academy, NIT Warangal	5400
2019	Dr.D.Sreeramulu	ICT IN Advanced Manufacturing Engineering	E ICT Academy, NIT Warangal	5400
2019	Mr.Srihari	Current Trends in Aerospace	ANU,Guntur	3250
2019	Mr.Y Sagar	Current Trends in Aerospace	ANU,Guntur	3250
2018	Ch.Bharath Kumar	Mechanical and tribological Behaviour of Advanced Composites	NIT Warangal	2500
2018	Dr.D.Sreeramulu	Fundamentals and Mechatronics and Industrial Robotics	German centre for Advanced studies,European centre for Mechatronics and IGUS GmbH	70000
2018	M.Chaitanya Kumar	Fundamentals and Mechatronics and Industrial Robotics	German centre for Advanced studies,European centre for Mechatronics and IGUS GmbH	70000
2019	P.Srihari	Faculty Development Programme on Dassault Systems-3D	Vignans Institute of Information Technology APSSDC	6000

		Experience		
2018	Y.Sagar	Faculty Development Programme on Dassault Systems-3D Experience	Vignans Institute of Information Technology APSSDC	6000
2018	Dr.D.Azad	One Week Faculty Development programme on Noise Vibration control of structures: Engineering Applications	JNTU-Kakinada	2000
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Mechanical and tribological Behaviour of Advanced Nano Composites	-	17/08/2018	18/08/2018	40	Nil
2019	FDP on Practical RF Antenna Design With Simulation Studies	-	25/02/2019	02/03/2019	40	Nil
2018	Technical Challenges in Grid transmission lines	-	01/12/2018	05/12/2018	48	Nil
2018	A Three Day Faculty Development Program on Geospatial	-	25/10/2018	27/10/2018	50	Nil

	Applications					
2018	Internet of Things (IoT) Data Analytics sponsored by Electronics ICT Academy	-	12/11/2018	17/11/2018	50	Nil
2018	"Statistical Analysis using R"	-	27/07/2018	28/07/2018	53	Nil
2019	Critical Thinking and problem Solving , Creativity Imagination , Student leadership personal development , Self Awareness, Decission Making Interpersonal Relation Ship	-	13/12/2018	14/12/2018	140	Nil
2018	Contemporary Issues and Practices in Business Management on 21st Century	-	10/09/2018	15/09/2018	50	Nil
2018	-	Short term training programme on Gaming fundamentals	25/09/2018	27/09/2018	Nil	46
2018	-	Advanced training programme on PLC-Udemy	11/09/2018	14/09/2018	Nil	20

[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
A Two Day National Seminar on Geospatial Technology for Environmental Sustainability at Indian Scenario	21	12/03/2019	13/03/2019	2
Contemporary Issues and Practices in Business Management on 21st Century	45	10/09/2018	15/09/2018	6
"Statistical Analysis using R"	55	27/07/2018	28/07/2018	2
Internet of Things (IoT) Data Analytics sponsored by Electronics ICT Academy	40	12/11/2018	17/11/2018	6
FDP on Internet of Things (IoT) and Data Analytics	40	12/11/2018	17/11/2018	6
International Conference on Emerging Trends on Engineering Science, Technology and Management (ICETESTM-18)	50	29/11/2018	30/11/2018	2
A Three Day Faculty Development Program on Geospatial Applications	23	25/10/2018	27/10/2018	3
FDP on Practical RF Antenna Design With Simulation Studies	30	25/02/2019	02/03/2019	6

Mechanical and tribological Behaviour of Advanced Nano Composites	25	17/08/2018	18/08/2018	2
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
222	222	136	136

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>? All the regularised staff members are covered under Employees Provident Fund Scheme. ? Providing Group Insurance to the staff ? Concession on Transport facility for all staff members. ? Medical leave for staff members and Maternity Leave for female employees with full salary. ? Special study leave to pursue higher education and supporting financially towards their fees. . ? Academic leaves are sanctioned for attending conferences and workshops. ? Study leave is granted for higher education and qualification improvement. ? Providing Registration fees, Dearness allowance, Travel grants for faculty attending conferences and workshops. ? Providing travel grant for attending International conferences/paper presentations at Aboard. ? Providing incentives for SCI/Scopus/UGS paper publications and projects to the faculty. ? Providing incentives for toppers and 100 scored in NPTL online course to the faculty. ? Revenue shared</p>	<p>? All the regularised staff members are covered under Employees Provident Fund Scheme. ? Providing Employee staff insurance to the staff ? Concession on Transport facility for all staff members. ? Medical leave for staff members and Maternity Leave for female employees with half-pay salary. ? Special study leave to pursue higher education and supporting financially towards their fees. ? Short term Training programmes are arranged every year to non - teaching staff for up gradation of their knowledge. ? Marriage gifts with one-week leave. ? Subsidiary fare in canteen facilities and hostel facilities. ? Best employee award announced to supporting staff every year. ? Institute Providing financial support in medical purpose. In the event of death of an employee in service, his/her dependant will be considered for employment on compassionate grounds, depending upon the merit of the case, limited to the cadre Junior Assistant, subject to</p>	<p>? Providing Merit scholarships for poor and meritorious students in the institution every year. ? Providing fee concession for desired students. ? Encouraging cash awards for best eamcet rank students. ? Encouraging with Gold and silver medals for class topper students ? Providing seed fund to the student projects and start-ups. ? Conducting Entrepreneur awareness camp (EAC) development to the students. ? Conducting Alumina meet every year with old and present students ? Providing Registration fees, Dearness allowance, Travel grants for students attending paper presentations. ? Providing incentives for paper presentations, paper and patent publications. ? Fee waiver for students who excel in sports. Special cash awards to National level and global level achievers . ? Sponsorship to attend conference in abroad and India . ? Student exchange programs are encouraged. ? Cash awards to best projects. National level</p>

to the faculty in their consultancy projects. ? Special Incentives are providing towards patents and books publications. ? Providing financial support for Professional body memberships to the faculty. ? Providing performance incentives for faculty who got 100 result in their respective subjects. ? Subsidiary fare in canteen facilities and hostel facilities. ? Best Teacher award announced to faculty every year. ? Institute Providing financial support in medical purpose. ? In the event of death of an employee in service, his/her dependant will be considered for employment on compassionate grounds, depending upon the merit of the case, limited to the cadre Junior Assistant, subject to eligibility of the individual concerned and the availability of vacant posts. ? NPTL local chapter - online courses is obtained for the benefit of faculty. ? Supporting for Bank loans and salary advances to the staff.

eligibility of the individual concerned and the availability of vacant posts. ? Uniform is provided at free of cost to the class - IV employees.

competitions are conducted for the welfare of students. ? Providing skill development trainings to improve their employability skills through Skill development Center. ? NPTL local chapter - online courses is obtained for the benefit of students. ? Students, who excel in their studies in the semester examinations and getting Gold medals and university ranks, get scholarship awards from the management, every year, for his/her brilliant academic performances . ? Providing placement class from 1st B.Tech onwards. ? We obtained for conducting. Students, who excel in their academic result, will get the benefit of attending direct placement conducted interviews in our campus. Other students, who may not have shown excellence in academics, are also given a chance in the placement conducted interviews, where the students will have to write a written test, followed by a Group discussion and an interview to get through in the selection process. ? Supported for education loans.

6.4 – Financial Management and Resource Mobilization

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

In every financial year, the college conducts internal audit by internal auditors and external audit by the statutory AuditorsM/sV.M.RaoCo., Srikakulam. After accomplishing monthly accounts, the same are audited by internal auditors appointed by the management. While verifying entries, any mistakes identified will be rectified by the departments. After rectifications, the report is submitted to the governing body. The external statutory auditors visit the office twice in a year for vouching audit and submit the final audit report. After completion, the final statutory audit report is submitted to the governing body for approval in June/July every year.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	NIL
View File		

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	External Experts	Yes	Internal Audit Committee
Administrative	Yes	External Experts	Yes	Internal Audit Committee

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

1. Meetings are conducted with parent and teacher on a regular base to identify several issues amalgamated with students. 2. There is no formally structured parent- teacher association, but feedback from parent is collected occasionally. 3. The collected data supplemented to the development of Institution. 4. Most of the problems associated with students are identified and solved through consultancy.

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

1. Imparting ethical orientation and professional management in administration. 2. Supporting staff are sponsored to attend continuous education. 3. Training programs and work shops are arranged to improve their knowledge /skills/ qualification.

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

Participation in NIRF • Participation in AISHE • Civil, IT programs are accredited by NBA under Tier-I format • Mentor Institute Under UGC Paramarsh Scheme • Industry Collaborative Labs • Faculty are encouraged to publish the papers in the journals indexed in SCI, SCOPUS, DBLP databases and UGC recognised journals • Introduction of inter disciplinary electives and self learning electives in the curriculum • Mandatory Internships in the curriculum

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Participat	01/12/2018	01/12/2018	01/12/2018	3000

	ion in NIRF				
2019	Participation in AISHE	21/02/2019	21/02/2019	21/02/2019	3000
2018	Academic Administrative Audit (AAA)	01/08/2018	01/08/2018	01/08/2018	3000
2018	Measures taken to make the Plastic campus	15/08/2018	15/08/2018	15/08/2018	1000
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Expectations from Industry	08/03/2019	08/03/2019	68	25
Kishori vikasam Phase -II	01/03/2019	02/03/2019	40	20
Nutrifit Engineers	29/09/2018	29/09/2018	117	Nill
HLL Life care machines training	26/09/2018	29/09/2018	28	Nill
Women students mentoring programme	05/07/2018	05/07/2018	98	Nill
GRE, TOFLE, IELTS Awareness program	26/02/2019	26/02/2019	30	25
Career after Engineering	29/06/2018	29/06/2018	155	Nill
Awareness program on cyber crimes against women	21/08/2018	21/08/2018	85	Nill
Sports and confidence building programme	18/02/2019	20/02/2019	65	Nill
Women	14/12/2018	14/12/2018	105	Nill

students mentoring programme				
Girls health awareness program	20/03/2019	20/03/2019	95	Nil
Defence careers and Engineering	28/08/2018	28/08/2018	62	60

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
32.67

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	No	Nil
Ramp/Rails	Yes	2
Braille Software/facilities	Yes	Nil
Rest Rooms	Yes	2
Scribes for examination	Yes	Nil
Special skill development for differently abled students	Yes	Nil
Any other similar facility	Yes	2

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	21/02/2019	1	Swatch bharat Programme	To create awareness about cleanliness in the villages construction of bathrooms	54
2019	1	1	22/02/2019	1	Revenue camp	To solve	54

						land related issues, ration card related issues	
2019	1	1	23/02/2019	1	Medical Camp	Medicines were distributed to sick persons also creating awareness about health and hygiene	54
2019	1	1	24/02/2019	1	Veterinary Camp	Medicines were distributed to the cow calf farmers	54
2019	1	1	25/02/2019	1	Gender discrimination awareness	To create awareness about male female discrimination	54
2019	1	1	26/02/2019	1	Competitions to school students	To create sportive spirit among the students	54
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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Code of conduct for Students	01/07/2018	<ul style="list-style-type: none"> Handbook on code of conduct of students are distributed to students and widely publicized and students are expected to maintain in the highest standards of discipline and dignified manner of behaviour inside as well as outside the college

		campus. • If student violates the rules and regulations of the college, he/she warned and counselled if necessary.
Code of conduct for Staff	01/07/2018	<ul style="list-style-type: none"> • The teaching staff those who is joined newly to conducted induction training and guided them, in discharging their obligations towards students, parents, colleagues and community, and making them aware of the ethical principles governing the teaching profession. Feedback from the students and authorities are taken to monitor the behavior and performance of the staff. • If teaching staff member is found with misconduct, disciplinary action will be taken against him/her.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Yoga day	21/06/2018	21/06/2018	265
Swatch Bharat awareness	14/08/2018	14/08/2018	200
Independence day celebrations	15/08/2018	15/08/2018	80
Teachers day	05/09/2018	05/09/2018	300
Gandhi Jayanti	02/10/2018	02/10/2018	180
National Unity Day	31/10/2018	31/10/2018	180
Children's day	14/11/2018	14/11/2018	40
AIDS Day	01/12/2018	01/12/2018	50
Gandhi Vardanti	30/01/2019	30/01/2019	50
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

In spite of the institutions substantial growth in recent past, the college has undertaken several steps to move towards becoming environmentally sensitive and a more sustainable. The major Green Initiatives by the campus are as follows: ? Installation of Solar Power Plant (Green Energy Production) with an installed capacity of 250 kW to save energy and to reduce the consumption of conventional power supply from APEPDCL. ? The college was designed a "dead storage" parking system for buses and vehicles to encourage students and staff to drive their vehicle but then leave in the parking lot is a testimony to establish zero

emission rates within the campus premises. ? Implementation of RWH of both Roof top and Road roff systems appropriately in the campus premises to provide protected and safe water supply to their stake holders. ? Maintenance of campus ecosystem clean and green to provide hygienic environment through conducting yearly plantation programs and also for ecosystem restoration. ? More so, the campus has installed with LED street lights, all blocks illuminated with tubes/CFL/LED bulbs and all appliances are rated moderate as per BEE norms. ? Shifting 100 fuel efficient vehicles to reduce pollution, all our light weight vehicles (Buses) are meeting the BS-IV emission norms. Also campus is running Battery operated car and looking to introduce some more in future on requirement.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

The college has a good number of dextrous practices in which the deserved exemplary to mention are women development cell and SAC which have largely contributed to the achievement of Institutional goals and quality improvement of academic activities as well BEST PRACTICE 1 1. Title of the practice-Women Development Cell Women development cell has been established to encourage and motivate the female student community especially in order to reduce gender discrimination and perpetuate the freedom forwomen in every aspect of adroit. The college has developed women development cell to conduct different type of activities and evaluate the participation and performance of women. The transition of their behaviour, involvement and performance is analysed after a series of activities. 2. Objectives of the practice: • To identify the bottlenecks of women development in educational industry established especially in rural area. • To explore the opportunities of developing women at the stand point of their involvement and contribution in curricular, co-curricular and extracurricular activities • To set the activity based parameter to encourage and motivate women participation in different enlightened areas. • To form exceptional committees to conduct certain activities or events leading to human development • To focus on the activities related to gender equality, women empowerment, women entrepreneurship as broad area s of development. • To comfort gender sensitivity facilities with respect to safety and social security, counselling , common room etc., • To evaluate the performance of females whohave taken part in distinguished activities. 3. Context : Though the rapid technological advancement in academic and research environment of higher educational institutions exists the rate of female participation is not significant enough in participation and contribution to the academic process. The freedom, security levels, career options, legacy, explored opportunities and interface with industry aresome of the blocks where most of the female are inhibited at. The following are contextual features of women development cell's design and implementation. • Awareness: All employees should create the awareness of cell's activities and impart its need of hour. • Participation:Involves maximum number of female students to actively participate and interact with high spirit. • Motivation: Activities being conducted motivate the group and transition of psychological setup towards achieving once goal to improve for that. 4. The Practice: • Students from all groups are invited to the activities and observed their confrontation with the people and activities. • Faculty and students together update in certain activities is the unique feature in this practice • The safety norms for female have been established in the way of high speculation with CC cameras, setup of strong security wing, emergency transportation, light facility across campus, an exclusive grievance and redressal cell for women and medical assistance. • Regular counselling of women students with faculty mentor that improves the affinity between faculty and students where the irregularity, misbehaviour, poor and academics arerecognised and resolved. • Exceptional physical

facilities such as waiting halls, e-clinic are made available for women. • Women development cell updates periodically based on the context and need of the students. All committee constituted by the director supervise and evaluate the activities and futuristic endeavours of conducting activities are based on the feedback and outcomes 5. Evidence of success: • This practice enlightened the maximum female students and pioneered to activate in their daily walk of life where their participation and achievements in Student Activity Cell is improved. • As an outcome of career development programmes, many female students achieved jobs as well as some students have turned to be an entrepreneurs. • Students are highly confident and evident enough to have complete knowledge on the legal rights of women. • It is also observed that some of the students have made attempts on engineering careers in defence. • The philanthropic and ethical values of both genders have been identified by sympathising the activities conducted through women's cell 6. Problem encountered : • Activities being conducted during the busy schedules of academic sessions has become task some. 7. Resources required : • Modern tools and equipment of the training programme are to be procured more. • Additional financial support is required to increase the number of activities. BEST PRACTICE -2: 1. Title of the practice: Performance Based Appraisal System (PBAS) Performance Based Appraisal System (PBAS) is a transparent system formally and systematically operated to help both employer and employees in planning, managing, evaluating and realising performance improvement with an aim of achieving institutional goals. The college has developed Performance Based Appraisal System to evaluate the annual academic and professional contributions of faculty confidentially. 2. Objectives of the Practice: • To measure the performance of the employees, Provide feedback and assist them to increase their potential. • To maintain the records for the consideration of salary increments, promotions, special incentives etc. • To identify Distinctive academic talent and nurture it towards further advancement. • To improve teaching learning process by bridging the employee performance and students' learning outcomes. • To facilitate the work atmosphere to the employees to attain their research practices, publications, certifications, awards, patents, participations and conductions of STTP/FDP/Conferences/Seminars/ Workshops etc. 3. The Context: Multi-dimensional participation of faculty is highly demanded by the dynamic technological inclusions in academic, research and community development of higher educational institutions. The guidelines of higher authorities have been considered to embrace in the design. The consequences frequently come across in the academic practices are • Ineffective use of ICT tools and online certification, • MoUs to be increase in a good number • Quality publications are to be increased • Participations in eminent training programmes, conferences, seminars etc are to be accomplished by all faculty with increased efforts • Motivation is needed for Research proposals • Reluctance and complacence among faculty is to be eradicated • Enhancing the administrative skills among the faculty While designing and implementing Performance Based Appraisal System, certain contextual features have also been considered. • Individual faculty is accountable for the resources allocated and his/her performance for every activity • Involvement of all employees is observed in the process of setting up the objectives and achieving the targets as well. • The recognition at the stand point of monetary and non-monetary benefits motivate the employees • Documentation of every assignment and achievement helps the employee to retrospect and generate required evidences to assist the department to maintain the records. • Employee understands his/her role through PBAS thus being determined to achieve personal as well as institutional goals. 4. The Practice Various parameters of curricular and co-curricular, Extra-curricular, RD and administrative activities are executed the evaluation of Performance Based Appraisal System. The weightage taken into consideration during assessment and evaluation of these parameters varies depending on the cadre of

the faculty The format of PBAS is updated periodically based on the expectations of regulatory bodies. Self-Appraisal Report (SAR) is evaluated by a committee constituted by the director and principal with HoDs of all departments. The committee evaluates all the faculty in the college and the faculty have to submit the necessary evidence during evaluation of the filled SAR format which are scrutinised meticulously by appraisal committee comprising of Director, Principal and concerned HOD. The evaluation is accomplished with APA Score. Keep the final score false below the minimum level the faculty will be counselled for improvement. Academic audit twice in a year is also taken up by Director and Principal to assess performances of all the departments. 5. Evidence of success: This practice enabled all the faculty to be duty conscious with determined efforts on accomplishing the guideline and reaching the goals. It also motivated to become good teachers. Besides the college is experiencing

- Improved academic culture among the faculty with high spirits of enthusiasm towards the system
- Participation in research and administrative activities have been increased
- Use of ICT tools for effective teaching learning process has been enhanced
- Initiation of innovative practices in teaching , research and community services
- Faculty awarded Ph.D. for last five years is considerably significant
- Participation in NPTEL Certification is increased
- Sponsored projects in recent 2 years are increased
- Participation and organising of FDPs workshops, seminars, conferences by faculty is improved

6. Problems encountered: • Manual evaluation of all faculty involves more time and efforts

7. Resources required: • Automation is needed to reduce the time at every step

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

<https://www.adityatekkali.edu.in/igac/18-19/7.2.1.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

Academic excellence through TEQIP II: AITAM was selected as one among 25 private institutions in the country under TEQIP Phase II (2011-12) through a nationally competitive selection procedure with an objective to strengthen institution to improve learning outcomes and employability of Graduates. The Threefold approach, FUNDING Rs 6 crores (4 crores general and 2 crores for one of the Best performing Institutions), MENTORING, PERFORMANCE AUDITING and support from the TEQIP programmes have played a crucial role in improving academic excellence through the following activities: Implementation of Institutional reforms: Obtained UGC Autonomous institution status in 2013, 80 of its eligible UG programs Re-accredited by NBA (2018) and Accredited by NAAC in 2013. Four BoG meetings held to improve the overall quality of education every year. Updating learning resources: Digital Library strengthened by subscribing 356 online journals including IEEE, SPRINGER, ASME, ASCE etc. 2460 special reference books also purchased. Total 12 Software Packages have been purchased for R D activities. Curricular reforms: Made changes in the curriculum after reviewing with Industry personnel resulting in R13, R16 and R18 regulations with the approval of BoS, Academic Council and BoG. Faculty and Staff development for improved competence: 100 regular faculty with Master degree, 41 having PhD degrees (12 in 2013) and 75 are pursuing PhD in various universities. Four departments i.e CSE, Mechanical, EEE ECE recognized as Research centres by JNTU Kakinada. (12 students pursuing Ph.D. under our faculty supervisors). Total 50 In House Programmes organized 56 Faculty deputed to IITs 05 to NITTTRs for pedagogy training. The number of publications in the referred journals is increased from 319 to 1397. Enhanced interaction with industry and Employability: 18 MoUs signed with institutions and industry for

internships, trainings and placements. The placement rate has increased from 30 to 60 and the average salary of placement package increased from 1.2 to 3 lakhs per annum. 10 innovative ideas were incubated out of which 5 are started functioning and became entrepreneurs. Research culture is encouraged among the students and faculty by participating in conferences, Project-Expo and Innovative Idea conclaves. Recently 4 students have participated in Stanford University, USA programme. Institutional management capacity enhancement: 39 Faculty deputed to IIMs, 02 to ISB, 02 to ASCI, and 08 to ESCI to improve the management Leadership skills enhancement to develop Next Academic Leaders. Academic support to weaker students: Remedial classes, special classes for hostel students (BC, SC ST) were conducted successfully to improve the pass percentage and transition rate (1st year to 2nd year) from 50 to 65. Increased overall student and faculty satisfaction: Since its inception AITAM has been encouraging the students faculty in their academic pursuits by imparting high quality technical education and striving hard to transform this institute into one of the best technological institutions in the country.

Provide the weblink of the institution

<https://www.adityatekkali.edu.in/igac/18-19/7.3.1.pdf>

8.Future Plans of Actions for Next Academic Year

- Preparation to complete the next cycle Accreditation aimed to achieve NAAC A
- Preparation to achieve good Ranking in NIRF
- Planning to introduce new programmes in B.Tech at the standpoint of industry and global needs and demands
- Increasing the usage of renewable energy by enhancing capacity of the solar power plants already established in college campus
- Endeavouring better placements for all branches
- Encouraging faculty towards Academic achievement, Research work, and Patent applications by allocating more funds and incentives
- Promoting more number of students to attend National/ International Industry driven competitions and conferences
- Improving the utilization of physical and online Library resources
- Improving the overall social betterment of nearby villages by organizing Exchange of knowledge/ awareness programs
- Establishment of 100 Plastic free Campus
- Construction of Tennis court in the campus
- Planning to construct auditorium