



Yearly Status Report - 2017-2018

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	ADITHYA INSTITUTE OF TECHNOLOGY
Name of the head of the Institution	Dr S.Muthu
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04222654504
Mobile no.	9842215906
Registered Email	info@adithyatech.com
Alternate Email	iqac@adithyatech.com
Address	S.F.No.348/1, 349/1,Kurumbapalayam, SS Kulam Post
City/Town	Coimbatore
State/UT	Tamil Nadu
Pincode	641107

2. Institutional Status					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Rural			
Financial Status		Self financed			
Name of the IQAC co-ordinator/Director		Dr.K.Senthilkumar			
Phone no/Alternate Phone no.		04222654504			
Mobile no.		9865101718			
Registered Email		iqac@adithyatech.com			
Alternate Email		info@adithyatech.com			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		http://www.adithyatech.edu.in/			
4. Whether Academic Calendar prepared during the year		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		http://www.adithyatech.edu.in/			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B+	2.53	2017	12-Sep-2017	12-Sep-2022
6. Date of Establishment of IQAC			02-Jan-2017		
7. Internal Quality Assurance System					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by IQAC	Date & Duration		Number of participants/ beneficiaries		
Seminar on Quality Enhancement	07-Jun-2017 1		30		

Seminar on Outcome based Education	18-Aug-2017 1	40
No Files Uploaded !!!		

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

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

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

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

4

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

Yes

Upload the minutes of meeting and action taken report

[View File](#)

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

No

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

- Assist to prepare academic calendar
- Assist to prepare department level road map
- Department cell shall have one faculty member to act as coordinator
- Performance appraisal of faculty is an important activity and IQAC shall be nodal centre for the same
- Strengthened placement cell and IIPC
- Publication of journal in international standards
- Organizing workshop, seminars on quality related themes
- Development of research based work culture
- Documentation for academic and administration work
- Creating links with industries through MoU

No Files Uploaded !!!

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

Plan of Action	Achivements/Outcomes
Improve the academic resuConduct symposium for our studentslt and	Internal technical symposium has been conducted in name as Joy of Engineering

placement

No Files Uploaded !!!

14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body

Meeting Date

Governing Council

09-Jan-2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2018

Date of Submission

05-Feb-2018

17. Does the Institution have Management Information System ?

Yes

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

The institution is starting from used to Learning Management Systems (LMS). The following systems are fully functional in the Institute • Biometric Attendance System for Staff . • Library is fully automated and uses the software • Institutional email system • Online system for Daily Reports • MOOC and Google Classroom • CCTV and Security Systems • Publications in e-version • SMS through notification gateway is sent to parents regarding low attendance and academic performance etc. • The latest news, updates and information is provided to various stakeholders through facebook, LinkedIn, and other social media platforms. • Ledger records are maintained electronically through Tally. • Students evaluate teachers online through TAQ (Teaching Assessment Questionnaire) and outcome are evaluated, analyzed and computed. •

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

AIT is committed to provide the distinctive learning environment and skills, for understanding of self and others, to learn to solve personal and social problems and continually improving the overall performance of the 'Learning Management Systems'. While revision and up-gradation of the syllabus is done at the University level, the college has a mechanism for effective, documented curriculum delivery. At the commencement of each academic year, every faculty member provides the students with individual time plans and reading lists for each course which are displayed in the LMS which can be easily accessed by the students. These time plans are adhered to, so that the student is able to gauge with a degree of clarity regarding the portion of curriculum will be delivered within the stipulated time frame. These time plans are also preserved each year as documentation. Besides traditional lectures and seminars, infrastructure for the use of ICT in classrooms, like power point presentations etc., are all available to make the delivery of the curriculum enabling and interesting for the students. In some departments bridge courses or improvement / remedial courses are held in order to make the curriculum delivery more holistic and effective. Tutorials are held for participative learning and it is encouraged. Internal assessment is done transparently with examined scripts shown to students. The institute and Faculty members are effectively available for bridging the knowledge gap of the enrolled 'slow learners' to enable them to cope up with the programme of their choices and as well as to promote, reward and facilitate 'advanced' learners. This includes mentorship, tutorials and remedial teaching. The entire approach is student centric. As per the lesson plan the contents are delivered to the students and it is monitored by respective program coordinators and Head of the departments and members of IQAC Committee.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Creative Design and Modelling on SOLIDWORKS	Nil	01/08/2017	6	Employability	After completing this course students will be able to know 3D design tools
Innovative Design and Programming on LabVIEW	Nil	01/08/2017	6	Employability	After completing this course students will be able to explore the Labview environment and interactive analysis
Basic concepts of Deep Learning	Nil	01/08/2017	6	Employability	After completing this course students will be able

					to know about the development of automation products
Fundamentals of Data Science	Nil	01/08/2017	6	Employability	After completing this course students will be able to know about the inter disciplinary fields about algorithms and systems
Design Thinking Workshop	Nil	01/08/2017	6	Employability	After completing this course students will be able to apply both critical thinking and design thinking to solve problems
Revit Architecture	Nil	01/08/2017	6	Employability	After completing this course students will be able to develop higher quality more accurate architectural design
Indian Vaastusastra	Nil	01/08/2017	6	Employability	After completing this course students will be able to in depth principle of design and layout
Digital Design	Nil	01/08/2017	6	Employability	After completing this course students will be able

to debug ,
verify,
simulate and
synthesis
digital
circuits

PSPICE
Programming

Nil

01/08/2017

6

Employabil
ity

After
completing
this course
students
will be able
to simulate
the circuit
and
calculate
its characte
ristics

New
Product
Development
through
EdgeCAM(CNC
programming)

Nil

01/08/2017

6

Employabil
ity

After
completing
this course
students
will be able
to
understand
the types of
different
CAD/CAM
software

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	CIVIL ENGINEERING	03/07/2017
BE	COMPUTER SCIENCE AND ENGINEERING	03/07/2017
BE	ELECTRICAL & ELECTRONICS ENGINEERING	03/07/2017
BE	ELECTRONICS & COMMUNICATION ENGINEERING	03/07/2017
BE	MECHANICAL ENGINEERING	03/07/2017
BTech	INFORMATION TECHNOLOGY	03/07/2017
ME	APPLIED ELECTRONICS	16/08/2017
ME	COMPUTER SCIENCE AND ENGINEERING	16/08/2017

ME	ENGINEERING DESIGN	16/08/2017
ME	STRUCTURAL ENGINEERING	16/08/2017
MBA	MASTER OF BUSINESS ADMINISTRATION	16/08/2017

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

	Certificate	Diploma Course
Number of Students	585	0

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
No Data Entered/Not Applicable !!!		
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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
BE	CIVIL ENGINEERING	58
BE	COMPUTER SCIENCE AND ENGINEERING	42
BE	ELECTRICAL & ELECTRONICS ENGINEERING	35
BE	ELECTRONICS & COMMUNICATION ENGINEERING	59
BE	MECHANICAL ENGINEERING	152
BTech	INFORMATION TECHNOLOGY	8
MBA	MASTER OF BUSINESS ADMINISTRATION	19
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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
The Teachers Assessment Questionnaire (TAQ) taken by students of all batches is given to each teacher by the Principal after being collated, statistically analyzed and tabulated, clarifying, if need be, for quality enhancement in teaching methodology. Observations on general trends are also made. A self appraisal is prepared by each teacher. The Principal intervenes and addresses possible areas of improvement. Feedback of stakeholders is sought regularly

about infrastructure and learning resources for ensuring their maximum satisfaction. Accordingly, continuous review of infrastructure and learning resources is carried out by respective committees and the recommendations are integrated for upgrading, maintaining and utilizing physical, academic and support facilities effectively. Structured feedback is taken from students, alumni, employers and experts from academia, industry and research through course/ programme review feedback. Feedback from students is also taken through class committee meetings, and corrective measures are taken accordingly to improve the teaching learning processes.

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
BE	Civil Engineering	60	35	20
BE	Computer Science and Engineering	120	78	58
BE	Electrical & Electronics Engineering	60	42	42
BE	Electronics & Communication Engineering	120	59	44
BE	Mechanical Engineering	240	146	98
BTech	Information Technology	60	41	27
ME	Applied Electronics	18	10	2
ME	Computer Science and Engineering	24	18	5
ME	Engineering Design	24	12	2
ME	Structural Engineering	24	22	13

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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
2017	1077	84	160	16	5

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
181	181	3	10	0	3

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

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

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

Students are supported through remedial coaching classes and mentoring. Students are provided with necessary information and guidance from Alumni to help them in analyzing job profiles and career opportunities after completion of their graduation. Guest lectures are arranged to students for providing overall career development after graduation. Alumni committee is established to bridge the gap between current batch students and passed out for employability skills enhancement required in industry. Students are encouraged to participate in various Seminars, Workshops and Symposiums. Subject wise special remedial classes are provided for slow learners. The students who are little slow in their grasping as compared to their counterparts are identified on the basis of their class participation, pass percentage, classroom performance, and regularity in submission of assignments, punctuality and personal interactions. The Mentors are appointed to meet the needs of the slow learners. They provide them personal, academic and social counselling. The mentors help the students, particularly slow learners to develop their personality and move ahead. On the other side, the institute also identifies, the advance learners, and work on them as per the requirements. Advanced learners are facilitated with state of the art facilities in terms of well equipped library provided with latest edition of books, online journals, computer labs, Internet and other amenities. Advance learners are also encouraged to take up internships and industry based projects. The various activities like management technical fest, quiz, debates, seminars, exhibitions, colloquium etc., are conducted/ made them participated for advanced learners to motivate them and help them excel in all the fields.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1161	181	1:6

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
203	181	22	22	14

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last	Date of declaration of
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			semester-end/ year-end examination	results of semester-end/ year- end examination
BE	103	II / I	28/05/2018	29/06/2018
BE	104	II / I	28/05/2018	29/06/2018
BE	105	II / I	30/05/2018	29/06/2018
BE	106	II / I	30/05/2018	29/06/2018
BE	114	II / I	28/05/2018	29/06/2018
BTech	205	II / I	28/05/2018	29/06/2018
ME	401	II / I	28/05/2018	29/06/2018
ME	405	II/I	28/05/2018	29/06/2018
ME	408	II/I	28/05/2018	29/06/2018
ME	413	II/I	28/05/2018	29/06/2018

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

1. Since the Institution is affiliated to Anna University, it is mandatory to follow the guidelines provided in 2013 and 2017 regulations in evaluating the students. 2. The Existing examination cell of the institution prepares the schedule for internal assessment tests in align with Anna University academic guidelines. These schedules are integrated into the Academic Calendar for holistic reference and execution with approval of Head of the Institution. 3. The question paper is prepared by the faculty in accordance with Blooms taxonomy and approval of respective department HoD and the Principal. 4. Question paper is prepared to cater the higher order thinking abilities and as well as slow learners able to get through the internal assessment tests. 5. The evaluation is done as per the curriculum design and completed within three days of the conduct of test. 6. The evaluation pattern consists of continuous internal assessment and university examination with 20 and 80 weightage respectively. 7. The internal assessment comprises of 20 marks which is an average of three internal tests. 8. The internal tests are conducted by the Examination Cell as per university pattern with hall arrangements. 9. The answer scripts after evaluation are returned to the students, so that an opportunity is given to the students to discuss the evaluation process with the respective teacher and HoD. 10. Randomly the answer scripts are scrutinized by the respective Heads. 11. The internal tests results are analysed with Principal and Management.

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

1. The institute adheres to the Academic Calendar prepared according to the calendar provided by Anna University. Every year Academic calendar is prepared for the institute and also a department wise activity schedule for smooth and effective functioning. 2. This ensures that the curriculum is enriched through related activities like guest lecture, extension series (Value added courses, internship, industrial visit, technical symposium, and industry interaction including webinar). 3. For the academic session the prepared academic calendar is being followed effectively for conduct of internal assessment test and other activities. 4. The academic calendar is displayed on the institute website and also shares with the head of the departments so as to ensure proper execution. 5. In addition to academic activities, cocurricular (Participation of students in conferences, seminars, workshops and technical symposium) and extracurricular activities (sports, NSS, Red Ribbon Club, Roctract, Eco club.

Photography club, Youth Red Cross) are effectively implemented for improving organization skills of the students.

2.6 – Student Performance and Learning Outcomes

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

<http://www.adithyatech.edu.in>

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
103	BE	Civil Engineering	56	26	46.42%
104	BE	Computer Science and Engineering	18	14	77.77%
105	BE	Electrical & Electronics Engineering	28	20	71.42%
106	BE	Electronics & Communication Engineering	31	19	61.29%
114	BE	Mechanical Engineering	125	66	52.80%
205	BTech	Information Technology	3	3	100%
401	ME	Applied Electronics	2	2	100%
405	ME	Computer Science and Engineering	1	1	100%
408	ME	Engineering Design	4	4	100%
413	ME	Structural Engineering	6	6	100%

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2.7 – Student Satisfaction Survey

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

<http://lms.adithyatech.edu.in>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Industry sponsored Projects	239	Sree Rengaraj ISPAT Steels	4.5	4.5
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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Role of IPR in a Global Economy	Mechanical Engineering	07/09/2017

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NIL	NIL	NIL	Nil	NIL
View File				

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Think Aside	Think Aside	Chairman - Er.C.Sukumar an Adithya Institute of Technology, Coimbatore	Think Aside	Software Development	05/07/2017
View File					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
5	10	0

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

Name of the Department	Number of PhD's Awarded
Mechanical Engineering	0
Electronics and Communication Engineering	0

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Mechanical Engineering	12	0.35
International	Computer Science	5	0.35

	and Engineering		
International	Chemistry	1	1.96
View File			

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

Department	Number of Publication
Electronics and Communication Engineering	1
View File	

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Optimising Biogas from Food Waste Using a Neural Network Model	Mr.D.Planisamy	Institute of Civil Engineers	2017	2	Adithya Institute of Technology	14
Analysis of Kerf Width and Cutting Speed Characteristics of Aluminium/Tungsten Carbide Composites using TOPSIS Method	Mr.M.Subramanian	Asian Journal of Applied Science and Technology	2017	1	Adithya Institute of Technology	6
Fly Ash Particle Reinforced and Mechanical Properties of AL6061G raphiteB 4 C Composites	Mr.D.Ramesh Kumar	Journal of Earth and Material Sciences	2017	1	Adithya Institute of Technology	6
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the	Name of	Title of journal	Year of	h-index	Number of	Institutional
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Paper	Author		publication		citations excluding self citation	affiliation as mentioned in the publication
Optimising Biogas from Food Waste Using a Neural Network Model	Mr.D.Planisamy	Institute of Civil Engineers	2017	2	14	Adithya Institute of Technology
Analysis of Kerf Width and Cutting Speed Characteristics of Aluminium/Tungsten Carbide Composites using TOPSIS Method	Mr.M.Subramanian	Asian Journal of Applied Science and Technology	2017	0	6	Adithya Institute of Technology
Fly Ash Particle Reinforced and Mechanical Properties of AL6061G raphiteB 4 C Composites	Mr.D.Ramesh Kumar	Journal of Earth and Material Sciences	2017	0	6	Adithya Institute of Technology
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	5	0	0
Presented papers	10	5	0	0
Resource persons	0	0	1	0
View File				

3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities

Educational District Cum Study Camp	YRC	2	32
WALKATHON'17	Sankara Eye Hospital, Coimbatore	2	40
National Disaster Day Rally	NSS Scheme	2	35
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NIL	NIL	NIL	0
View File			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Educating YRC Scheme	YRC	Educational District Cum Study Camp	2	32
NSS Scheme	Sankara Eye Hospital, Coimbatore	WALKATHON'17	2	40
NDRF	NSS Scheme	National Disaster Day Rally	2	35
View File				

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Internship	Iswarya K Jeruson Benya A Sugirtha MS Savitha G	Kavin Engineering and Services Pvt.Ltd.,	30
Internship	Vijitha B Gayathri S	Capston Engineers Architects	8
Internship	Jevin Abbishek V	Monottex Industries	30
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry	Duration From	Duration To	Participant
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		/research lab with contact details			
Industry	Internship	Kavin Engineering and Services Pvt.Ltd.,	04/12/2017	02/01/2018	1
Industry	Internship	Kavin Engineering and Services Pvt.Ltd.,	04/12/2017	02/01/2018	1
Industry	Internship	Capston Engineers Architects	05/12/2017	23/12/2017	2

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
ASOK Associates	05/09/2017	Seminar on Advance Construction Technique	35
Swaan Structures	20/09/2017	Seminar on Advanced Earthquake Resistant Techniques	35
BuildArch	07/09/2017	Seminar on Architectural design	25

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
85	73

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Lips i Net	Fully	5.0	2008

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	18297	6426982	420	162271	18717	6589253
Reference Books	1250	495235	55	22000	1305	517235
e-Books	10235	0	2500	0	12735	0
e-Journals	40	97900	0	0	40	97900
e-Journals	1	13570	0	0	1	13570
Digital Database	2	50000	0	0	2	50000
CD & Video	1292	0	39	0	1331	0
Library Automation	1	35000	0	0	1	35000
Weeding (hard & soft)	0	0	0	0	0	0

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Mrs.KM.Senthilvadiveukarasi	MA 8363 Transforms and Partial Differential Equations	LMS	11/07/2017
Mr.P.Selvam	MA8491 Numerical Methods	LMS	11/07/2017
Mr.P.Selvam	MA8452 Statistics and Numerical Methods	LMS	11/07/2017

Mrs. C. Bhuvaneswari	MA8351 Transforms and Partial Differential Equation	LMS	11/07/2017
Mr.P.Selvam	MA8351 Discrete Mathematics	LMS	11/07/2017
Ms R D Priyanka	CS8392 Object Oriented Programming	LMS	18/07/2017
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	325	14	325	4	0	4	26	50	10
Added	0	0	0	0	0	0	0	0	0
Total	325	14	325	4	0	4	26	50	10

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

50 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
NPTEL	https://lms.adithyatech.edu.in
NDLI	https://ndl.iitkqp.ac.in/
DELNET	http://164.100.247.26/
Adithya LMS	https://lms.adithyatech.edu.in

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
120	114	110	103

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

The institution policies for creating and enhancing the infrastructure facilities are framed primarily for facilitating teaching learning process, following the norms and the guidelines of the AICTE and Anna University. AIT has created well equipped laboratories, ventilated class rooms, auditorium, library, hostel for boys and girls, gymnasium, power backup and computing facility with internet over the years. The institution takes due care in systematically adding, renovating, updating and maintaining buildings,

equipment and other infrastructure facilities with regular supervision by the appropriate authorities appointed by the Management. An exclusive housekeeping department with electrician, carpenter, plumber, gardeners takes care of the entire campus maintenance. A maintenance register is available in all departments, in which all the infrastructure related, equipment related complaints and recommendations are registered. This ensures the proper functioning and improvement of the equipment and other facilities. During Tutor Ward Meeting students feedbacks are taken on infrastructure facilities and suitable actions are made. Whenever a department needs a requirement or maintenance, the concerned staff member forwards a letter of request to the Principal through the Head of the departments with proper justification for the same. The request is further forwarded to the Chairmans approval with recommendations from the Principal and concerned maintenance care would be carried out. Periodical maintenance, repair and upkeep of UPS, AC, Reprography machine, printers, generator, water purifier and digital duplicator are done by the service providers through the AMC established with them. Every department maintains a stock register for the available equipment. Proper inspection is done and verification of stock takes place at the end of every year. The repair and servicing of the laboratory equipments were carried out by the service providers whenever required. Periodic maintenance of HT line and all electrical lines Regular maintenance and servicing of all vehicles and are properly insured. Intact servicing and repairs of RO plant through AMC with the supplier. Well trained technicians are involved in the maintenance of infrastructure facilities and equipment of the institution. Painting and needed repairs are carried out then and there.

<https://adithyatech.edu.in>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Student fee waiver	236	8368000
Financial Support from Other Sources			
a) National	PMSS(Students, BC/MBC/DNC, FG	1317	23803985
b)International	Nil	0	0

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Problem-Solving Skills in work place	07/03/2018	60	Mr.Kesavan, Infosys, Singapore
Soft Skills Training - Team Mangement	04/12/2017	585	MCube Language Solutions
Soft Skills Training - Motivation	11/12/2017	585	MCube Language Solutions

Soft Skills Training - Leadership Skills	18/12/2017	585	MCube Language Solutions
Knowledge on the grammar	19/01/2018	70	Mr.Lakshimikanth, Language Trainer, VI MS, Coimbatore
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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
2017	Students Welfare Scheme	547	260	1	60
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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
2	2	2

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
02	175	14	02	30	2
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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
2018	1	B.E	CIVIL	ADITHYA INSTITUTE OF TECHNOLOGY	ME - SE (2018-2020)
View File					

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

Items	Number of students selected/ qualifying
Any Other	1
View File	

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

Activity	Level	Number of Participants
Intramural BADMINTON	Institutional Level	15
Adihya Trophy VOLLEYBALL Women	Institutional Level	20
Intramural TNNIKOIT	Institutional Level	12
Inter Colligate District THROWBALL Tournament	Institutional Level	20
Chinnasamy Memoriyal CHESS CARROM Women	Institutional Level	20
UTSAV MELTING THE LEAD	Institutional Level	20
PEN YOUR ACUMEN (ESSAY WRITING) (ENG TAM)	Institutional Level	20
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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
2017	Gold	National	1	Nil	71011710 5015	S Paramesh
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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)

1. Department wise technical associations are functioning with students representatives, so that technical and organizational skills are improved. 2. Extra curricular activities like sports, NSS, Roctract club, YRC, RRC, Photographic Club, Fine arts club and Eco Club are functioning with student participation, there by their confidence level of solving problems is improved. 3. Entrepreneurship development cell is conducting programmes to improve their entrepreneurship skills. 4. Students are encouraged by the management to establish the start ups. 5. Students are encouraged for presenting papers to improve their presentation skills.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The name of the Association shall be AIT Alumni Association Aims and objectives: The aims and objectives of the Association shall be: • Bring the old students of Adithya Institute of Technology, Coimbatore under one forum for exchange of experience, dissemination of knowledge and talents amongst its members and also for the furtherance of fellowship, advancement of scientific knowledge in general of the members of the Association and country. • To conduct seminars, conferences, workshops, endowment lectures and other academic activities and also to keep in touch with one another of the University faculty, non teaching staff and students. • To create and establish Alumni endowments for granting scholarships, prizes and medals to the students showing

high proficiency in their studies and honour former students of the college. • To advise and interact with State and Central Government Bodies, Universities and Associations of other academic institutions on matters relating to promotion of higher education, training and management systems and there by promote the welfare and status of the University. • To collect funds by subscriptions, contributions, donations and gifts from members, nonmembers, Governments, Universities and other institutions and philanthropists for furtherance of the above objectives. • To render financial assistance to deserving meritorious poor students studying at the Institute. • To render financial assistance to deserving alumni in cases of extreme compassionate circumstances. • To bring out magazines, souvenirs and newsletters highlighting the activities of the college and its Alumni. • To organize cultural and educational programmes and also to conduct Alumni Day celebrations every year. • To help the Alumni to get advice from the College on various technical problems and job opportunities that they may come across in their work and real life. • To carry out such other activities as may be necessary for furthering the above aims and objectives.

5.4.2 – No. of enrolled Alumni:

286

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

228800

5.4.4 – Meetings/activities organized by Alumni Association :

Yearly Two times

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The Institution has culture of decentralized governance system with well-defined inter-relationships. Institute delegates provide adequate authority to the departments to work towards decentralized governance system. There are various committees involving faculty which are constituted to manage different institutional activities. Committees are formed for the various curricular, co-curricular and extracurricular activities to be conducted during the academic year. The departments are encouraged to arrange various activities with the support of management for the benefit of students and faculty members also the management has provided enough financial powers to Head of the Institute and Department Heads. Principal is responsible for preparing the annual budget of the institution. The Budget planning for the year starts in the month of January. The Department heads and the administrative in- charges are instructed to plan the budget for the forthcoming year. They are invited to submit their carefully proposed budget for every academic year by the last day of February month. The Head of the Department welcomes the suggestion from the Department in-charges, faculty members to prepare the budget proposal for various activities like workshops, guest lectures, seminars, conferences, training, value added courses, professional body activities and industrial visits etc. In addition to this the lab-in charges are also asked to come up with a proposal of their requirements for purchase of new equipment, repairs and maintenances, service, training and up gradation. The final budget proposal is prepared after scrutinizing at department level by the concerned heads. The administrative in - charges for placement, electrical, water, transport, mess, exam office, and civil works will also submit their proposal to the principal. The budget proposal for the library is prepared, for purchasing books, and for digital

library access will be done after the suggestion received from the various departments. The budget proposal at the institutional and departmental levels is submitted to the Principal on or before 1st of March. The Principal then consolidates all the budget proposals received from the subordinates and organize a meeting to eliminate redundancy. The modified proposed budget is forwarded to the Chairman for approval. The approved budget is then communicated to all heads and in-charges through proper channels. A monthly requirement form is submitted to the Principal every month and Accounts department releases the funds for the same. Through effective decentralization, the institution practices successful delegation and enhances the productivity of the college. This style of participative management ensures complete and constructive delivery of financial activities.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	<p>1. Effective delivery of curriculum is achieved by adopting various methods such as black boards, Power point Presentations and videos (NPTEL). 2. Regularly updated SDT curriculum with industry and alumni inputs to improve employability of students. 3. Industrial visit has been arranged according to their curriculum and evaluate their knowledge grasped.</p>
Library, ICT and Physical Infrastructure / Instrumentation	<p>1. Adithya Institute of technology's primary goal is to establish the Teaching Learning environment by providing well equipped infrastructure facilities. 2. Knowledge is imparted in such way to meet global standards up to date in all technological aspects through our Industry collaborated laboratories, innovation centres, additional laboratory equipment's beyond the syllabus which enables Industry Integrated Institute.</p> <p>3. The ICT enabled class room facilitates the faculty members and students to experience an effective and interactive teaching learning atmosphere. 4. OPAC enabled library with good volume of books, publications, e-books / e journals and access to digital contents like NPTEL videos, lectures. 6. Well organized digital library for facilitating students and faculty members to access digital resources. 7. The ICT facilities are provided with six dedicated servers and through nine computing laboratories with all the</p>

	computers connected with 50 Mbps dedicated internet, licensed software and so on.
Research and Development	<p>1. Department of Electronics and Communication Engineering and Department of Mechanical Engineering have been recognized as approved research Centres and the Institution is trying to establish research Centres for other engineering branches. 2. Institution Collaborates with INTEL® Intelligent Systems Lab, Intel Technology Private India Limited, Cisco Networking Academy, Cisco Systems USA, and Mission 10x Technology, Learning Centre, WIPRO.</p>
Examination and Evaluation	<p>1.The evaluation process at Adithya institute of technology is adopted from the affiliating university. The institute also follows its own evaluation procedure for internal assessment which is not just based on internal assessment tests but also LMT and Assignments submitted by the student. 2. The learning outcomes are achieved by meticulously following academic calendar of events, feedback during class committee, tutor ward meeting, and a digital based system the Adithya LMS which monitors the process.</p>
Industry Interaction / Collaboration	<p>We frequently interact with the representatives of the associated industries and technical experts. This promotes signing of many memorandum of understanding (MoU) with industries.</p>
Human Resource Management	<p>1. Dynamic Leadership team comprising of Chairman, CEO, Principal and HoDss with rich experience in their respective fields. 2. A well-defined organization structure with responsibilities makes the functions smoother and faster</p>
Admission of Students	<p>1.The admission brochure is also updated and available as soft copy in the website and hard copy for circulation. This brochure gives details about major facilities, courses run, placement details, value added courses offered etc. 2.The scholarships offered by the Government and Private organizations are informed to the students during the admission period and also at the commencement of the academic year through Adithya LMS. 3.Affidavits, as per the direction from the Government and Antiragging Act,</p>

	undertaking are collected from each and every students and their parents at the time of admission. 4. The admission team carries out the admission process in a systematic manner.
Teaching and Learning	ICT tool enables teaching. The teaching learning process at Adithya Institute of technology is independent on the Adithya LMS which can be accessed by all stake holders 24X7.

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

E-governance area	Details
Planning and Development	The teaching learning process at Adithya Institute of technology is independent on the Adithya LMS which can be accessed by all stake holders 24X7.
Administration	The website displays notices before admission, and reports of recent events written by staff and students.
Finance and Accounts	The finance and purchase committee constitute to collect the budget from the department, office administration, Library, Training and placement cell, sports and other general maintenance. Every grant to the college is discussed in this committee Budgets for each department at the beginning of the academic year also form part of the discussions. The Librarian prepares and plans for the book budget with individual departments. The e-governance of office administration purpose TDS and TALLY ERP used.
Student Admission and Support	<ul style="list-style-type: none"> • The College processes all admissions digitally. • This covers admissions to all courses in the Under Graduate and Post Graduate Levels. • The Principal of the college are vested with the powers to take appropriate decisions to identify the best suited technology for implementation and constant up gradation of the policy aspect of Student Admission and Support.
Examination	As per the Anna University guidelines to enter the students attendance and internal mark through Anna University Web portal

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended	Name of the professional body for	Amount of support
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		for which financial support provided	which membership fee is provided	
2017	B.Umesh	National conference NCTGM'18 at Bannari Amman Institute of Technology, Sathyamangalam.	NIL	1500
2017	R.M.Udhaya Chandran	National Conference NCETARM'18 at SNS College of Technology, CoimbatoreNIL	NIL	1500
2018	T.Selva Prabhu	One day Orientation for Programme officers	NIL	1000
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2017	7 Day Virtual FDP on Data Analysis using SPSS	NIL	23/11/2018	30/11/2018	11	Nil
2018	FDP on recent trends in waste management	NIL	19/02/2018	23/02/2018	7	Nil
2018	FDP on research methodologies and IPR	NIL	14/05/2018	18/05/2018	9	Nil
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
7 Day Virtual	11	23/11/2018	30/11/2018	7

FDP on Data Analysis using SPSS				
Data Science and its Research Challenges	1	06/11/2017	19/11/2017	14
Entrepreneurship by NSTEDB DST	1	13/11/2017	24/11/2017	14
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
181	181	12	12

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
EPF, Group Insurance	EPF, Group Insurance	Institution Scholarships, Group Insurance

6.4 – Financial Management and Resource Mobilization

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

YES. Internal audit members are selected for the inter departmental audit by the IQAC Coordinator, the audit process will be carried as per the direction of IQAC. Quality audit is performed based on the parameters fixed by the IQAC team members. All the documents will be verified as per the checklist, if any deviation is found, non-compliance report will be generated and submitted to the corresponding department Heads. Corrective measures are taken according to the non-compliance report. Internal audit report will be scrutinized by the IQAC coordinator at every meeting within a week.

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
No file uploaded.		

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

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

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

1. Parents are cordially invited for Orientation Programme of their wards on their first Day of College every year. 2. We conduct regular meetings and telephonic contact with the parents on monthly basis after attendance. Feedback from parents is given due consideration. 3. We sent the students academic performance details to the concern parents through letter and SMS

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

The development programme for support staff are conducted regularly and the events are given below 1. Hands on Training of Equipment maintenance 2. Hands on Training of MS word usage 3. Awareness of E-Governance

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

1. Research Cell established to foster academic research among staff and students 2. Introduction of skill/capability enhancement certificate courses 3. Enhanced use of ICT by faculty in the teaching learning process 4. Initiatives for a green campus solar electricity barrier free campus ramps, toilet for persons with disability

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2017	One day seminar on Building your carrier .	19/08/2017	19/08/2017	19/08/2017	65
2018	One day workshop on Entrepreneurship and skill development	19/05/2018	19/05/2018	19/05/2018	70

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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
International Women's day	08/03/2017	08/03/2017	180	0

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

1. 11KW energy in terms of on grid solar and 0.5 KW and 10KW off grid solar system available on the top roof of West Block. It mainly focus on the solar photo voltaic system. The solar power system generates around 50 units of power per day. The total power so far generated is 52,000 units of power which was used for the campus. 2. A Rain Water Harvesting Plant is available for the rainwater conservation 3. A tree sapling activity was carried out periodically for enrichment of the green environment inside the campus. 4. An ECO Club is functioning effectively in order to keep clean and green environment the campus.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	No	0
Ramp/Rails	Yes	0
Braille Software/facilities	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0
Special skill development for differently abled students	No	0
Any other similar facility	No	0

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
2017	1	1	12/07/2017	1	Blood Donation	Medical issues	60
2018	1	1	09/02/2018	1	Free Medical awareness camp	Medical issues	55
2017	1	1	12/11/2017	1	Educational District Cum Study Camp	Educating YRC Scheme	200
2017	1	1	03/09/2017	1	WALKATHON'17	Social Responsibility	42
2018	1	1	09/04/2018	1		Social	65

[View File](#)

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

Title	Date of publication	Follow up(max 100 words)
Human Values and Professional Ethic	14/02/2018	A CD is provided to each student at the time of admission containing: i.E-Brochure ii. Learning Resources iii. Rules and Regulations iv. Code of Ethics for Engineers v.Syllabus with Course Details

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
World Environment day	05/06/2017	05/06/2017	126
Yoga Day	21/06/2017	21/06/2017	82
Independence Day	15/08/2017	15/08/2017	48
Graduation day	27/08/2017	27/08/2017	458
Engineers Day	15/09/2017	15/09/2017	135
Republic Day	26/01/2018	26/01/2018	52
Womens day	08/03/2018	08/03/2018	182

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

1. Innovative Energy Saving Methods: i. Incandescent lamps have been replaced with CFL and LED lamps thus saving hundreds of kilo watts of electrical energy. Even LCD monitors of computer systems have been replaced with LED and TFT Monitors. ii. Air Conditioners with ratings of 3star and above are used which saves a lot of electricity. iii. Simple low cost white washing of roof tops reduces the inside temperature by around 6 degree C. 2. Use of Renewable Energy: i. The CCTV cameras and street lights installed to cover external areas in campus uses solar energy ii. 11KW energy in terms of on grid solar and 0.5 KW and 10KW off grid solar system available on the top roof of West Block. It mainly focus on the solar photo voltaic system. 3. Carbon neutrality and Plantation: i. AITNSS Units organizes regular plantation drives and save the trees drives periodically. Grown up trees which are likely to eaten away by termites are saved by antitermite treatment and painting the lower portion of the trunk with calcium carbonate. ii. About half acre of land has been earmarked for grassy patches including a nursery. iii. In collaboration with the department of forest, Tamil Nadu, Students were involved in plantation of tree saplings and creating an urban forest for maintaining the campus Ecofriendlyness. 4. Waste Management: i. Hazardous materials like chemicals, paints, inflammable gases are segregated and kept separately. These are disposed off under supervision of estate manager through vendors who were specialize in the disposal. ii. EWastes are segregated and disposed off in proper manner with safety aspects without creating any harm to Ecosystem 5. Water Conservation: i. A Rain Water Harvesting Plant is available for the

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practices I

1. Title of the Practice: Adithya Learning Management System (Adithya LMS) Adithya Learning Management System, (Adithya LMS) is an online web based technology implemented in our institution since 2008. It facilitates the conduct of teaching learning process in an effective way. The system was developed on the Moodle open source platform and being updated as and when changes are required in the process.
2. Goal The main objective of Adithya LMS is to provide an effective end to end academic process and its management which ensures moving towards a paperless environment
3. The Context The salient features of our Adithya Learning Management System are listed below: The system allows a faculty to plan, execute, evaluate and analysis all of his/her activities connected to his/her subject delivery.
4. Curriculum Planning: Adithya LMS is used for designing course plan and lecture schedule
5. Reports Generation: Adithya LMS provides nice reporting tool with options to customize students reports
6. Communication and Collaboration: Adithya LMS provides Students Corner as communication tool and blog as collaborative tool
7. College announcement: All news and circulars are visible in Home Page of Adithya LMS

Best Practices II

1. Title of the Practice: Skill Development Training (SDT)
2. Goal/Objectives of the SDT The objective of Skill Development Training (SDT) is to enable students to take up industry relevant skill training that will help them in securing placement in reputed organizations.

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

<http://adithyatech.edu.in>

7.3 – Institutional Distinctiveness

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

The unique and distinctive quality of our institute is to create Engineers with required skills and values for their career and life. Skill development is powerful tool to empower the students and improve their social acceptance .It is the process of identifying the skills gaps, and developing, honing their skills. It is important because the skills students have determine the ability to execute our plans with success. The improvement of both hard skills soft skills develop the quality of student's performance rate in career performance ratio. Hard skills relating to any specific task and usually easily quantifiable. Soft skills relating to personality and tend to be transferable such as communication, leadership, time management stress management, decision making, adaptability, ability to deal with adversity too. Skill development always leads to competitive advantage .To be the best, students need to have something that nobody else has. All students in our institution have to undergo minimum of 2 skill development training program in each semester. We equip our students to know both technical skills development too. We are happy to hear the testimony of our recruiters, who are happy to see our students performance. Employers needs to make sure that their employee are skilled and well equipped to deal with these rapid changes. To transform students through a systematic teachinglearning process, providing skill development training, practical exposure and imparting values of life during their period of study. unique and distinctive quality of our institute is to create Engineers with required skills and values for their career and life. Skill development is powerful tool to empower the students and improve their social acceptance .It is the process of identifying the skills gaps, and developing, honing their skills. It is

important because the skills students have determine the ability to execute our plans with success. The improvement of both hard skills soft skills develop the quality of student's performance rate in career performance ratio. Hard skills relating to any specific task and usually easily quantifiable. Soft skills relating to personality and tend to be transferable such as communication, leadership, time management stress management, decision making, adaptability, ability to deal with adversity too. Skill development always leads to competitive advantage .To be the best, students need to have something that nobody else has. All students in our institution have to undergo minimum of 2 skill development training program in each semester. We equip our students to know both technical skills development too. We are happy to hear the testimony of our recruiters, who are happy to see our students performance .Employers needs to make sure that their employee are skilled and well equipped to deal with these rapid changes.

Provide the weblink of the institution

<http://adithyatech.edu.in>

8.Future Plans of Actions for Next Academic Year

- Establishing two research centres, for MBA and Computer Science and Engineering
- Establishing two start-up Companies in the campus
- Collaborating with industries for direct training by Industry Personnel
- Apply for patent rights
- Encouraging faculty for Ph.D Registration