



Yearly Status Report - 2018-2019

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.	+917373381000
Mobile no.	9790017157
Registered Email	principal@adithyatech.com
Alternate Email	mylsamy_k@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	private
Name of the IQAC co-ordinator/Director	Dr.K.Mylsamy
Phone no/Alternate Phone no.	+917373381000
Mobile no.	9865974859
Registered Email	iqac@adithyatech.com
Alternate Email	mylsamy_k@adithyatech.com

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://www.adithyatech.edu.in/wp-content/uploads/2018/09/AIT-IQAC-AQAR-2017-18.pdf
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/wp-content/uploads/2014/10/Academic-Calendar-2019-20-Odd-Sem.jpg

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	18-Aug-2017
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

Programme on Quality Assessment by Accreditation	07-Jul-2018 3	256
Academic Audit	12-Oct-2018 3	56
Academic Audit	05-Apr-2019 3	47
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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
Mechanical Engineering	Seminar	TNSCST	2019 1	15000
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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 :

6

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

No

Upload the minutes of meeting and action taken report

No Files Uploaded !!!

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 ? 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 ? ParentTeacher Meeting to strengthen students' academic progression ? Faculty attended workshops on the Choice Based Credit System to be newly implemented at the Anna University, Chennai ? Institutional Social Responsibility activities were given due importance ? Academic autonomy was ensured through systematic check points. ? More Faculty Development Programs, workshops and seminars were organised for ensuring quality in higher education and creating awareness to

bridge the gap between traditional pedagogy.

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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	Achievements/Outcomes
1. Academic Calendar	The Academic Calendar for the session 201819 was more elaborate and was successfully executed.
2. Accelerate the clubs and cells activity	Many activities and programme were organised
3. Conduct internal academic audit	Internal academic audit has been conducted for all departments in between internal assessment tests
4. Academic autonomy was ensured through systematic check points	All courses follow a lecture plan and all teachers prepare a course-file for their respective subjects each semester
5. College website upgraded	Stakeholders aware of all information online
6. Legal awareness for women	Empowerment of women through awareness of their legal rights
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Governing Body	15-Dec-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

2019

Date of Submission

09-Jan-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)

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. Apart from all these the students are encouraged to develop apps, websites and software as per the requirements. The social media profile of the institute is also actively managed by the team of students.

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 employability/entrepreneurship	Skill Development
Lab view	Nil	11/09/2018	48	Employability and entrepreneurship	Acquired Practical Exposure
Solid works	Nil	11/09/2018	48	Employability and entrepreneurship	Acquired Practical Exposure
PLC SCADA	Nil	25/09/2018	48	Employability and entrepreneurship	Acquired Practical Exposure
PHP and MySQL Programming	Nil	20/08/2018	48	Employability and entrepreneurship	Acquired Practical Exposure
Advanced Java Programming	Nil	20/08/2018	48	Employability and entrepreneurship	Acquired Practical Exposure
Cloud Computing with AWS	Nil	26/11/2018	48	Employability and entrepreneurship	Acquired Practical Exposure
Total Station	Nil	02/07/2018	48	Employability and entrepreneurship	Acquired Practical Exposure
Staad.Pro	Nil	02/07/2018	48	Employability and entrepreneurship	Acquired Practical Exposure
Industrial Robotics programming	Nil	28/09/2018	16	Employability and entrepreneurship	Acquired Practical Exposure

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

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

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Information Technology	02/07/2018
ME	Structural Engineering	02/07/2018
ME	Computer Science Engineering	02/07/2018

ME	Engineering Design	02/07/2018
ME	Applied Electornics	02/07/2018
ME	VLSI Design	02/07/2018
MBA	HR,Marketing, Finance,Systems, Production, Logistics & Supply Chain & Infrastructure and Real Estate	02/07/2018
BE	Civil Engineering	02/07/2018
BE	Comuter Science Engineering	02/07/2018
BE	Electronics and Communication Engineering	02/07/2018
BE	Electrical and Electronics Engineering	02/07/2018
BE	Mechanical Engineering	02/07/2018

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

	Certificate	Diploma Course
Number of Students	410	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
PHP and MySQL Programming	20/08/2018	52
Advanced Java Programming	20/08/2018	30
Cloud Computing with AWS	26/11/2018	10
Total Station	03/12/2018	28
Staad.Pro	03/12/2018	47
Industrial Robotics programming	28/09/2018	48
Lab view	11/09/2018	90
Solid works	11/09/2018	90
PLC SCADA	25/09/2018	15
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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	39
BE	Computer Science and Engineering	23
BE	Electronics and Communication Engineering	25
BE	Electrical and	11

	Electronics Engineering	
BE	Mechanical Engineering	39
BTech	Information Technology	6
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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
<p>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.</p>

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	5	5
BE	Computer Science and Engineering	120	37	35
BE	Electronics and Communication Engineering	120	24	24
BE	Electrical and Electronics Engineering	60	8	8
BE	Mechanical Engineering	240	36	36

ME	Computer Science and Engineering	24	1	1
ME	Structural Engineering	24	8	8
ME	VLSI Design	24	0	0
ME	Applied Electronics	18	0	0
ME	Engineering Design	24	1	1
MBA	MBA	0	0	0
BTech	Information Technology	60	31	31
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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	936	60	122	25	147

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
147	147	4	22	22	3

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 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 counseling. 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
996	147	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
147	99	48	48	21

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	Mrs.W.Sherine Mary - National Level	Assistant Professor	SIH MHRD
2018	Mr.S.Muthukumar - National Level	Assistant Professor	PALS Innowah
2018	Mr.S.Muthukumar /Mrs.W.Sherine Mary - National Level	Assistant Professor	Department of Science and TechnologyDST Government of India
2018	Mr.S.Muthukumar /Mrs.W.Sherine Mary - National Level	Assistant Professor	Department of Science and TechnologyDST Government of India
2018	Mrs.W.Sherine Mary-National Level	Assistant Professor	Young Faculty Awards - 2018, Engineering Professional Society
2018	Mr.S.Muthukumar-National Level	Assistant Professor	Young Faculty Awards - 2018, Engineering Professional Society
2019	Mrs. R. D. Priyanka - National Level	Assistant Professor	NPTEL - Elite Gold - TOPPER (TOP 1) Programming in Java - 98
2019	Mrs. R. D. Priyanka - National Level	Assistant Professor	NPTEL - Elite Gold - TOPPER (TOP 1) Problem Solving through Programming in C - 91
2019	Mr.R.Vadivel - National Level	Assistant Professor	PALS Innowah
2019	Mrs.A.Dharani - National Level	Assistant Professor	NPTEL - Elite Gold - TOPPER Introduction to IOT

2019	Mrs.W.Sherine Mary - National Level	Assistant Professor	NPTEL - Elite Gold - TOPPER Introduction to IOT
2019	Mrs.W.Sherine Mary - National Level	Assistant Professor	NPTEL - Elite Gold - TOPPER in Stress Management
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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
BE	103	ODD / 2018	17/10/2018	21/01/2019
BE	104	ODD / 2018	17/10/2018	21/01/2019
BE	105	ODD / 2018	17/10/2018	21/01/2019
BE	106	ODD / 2018	17/10/2018	21/01/2019
BE	114	ODD / 2018	17/10/2018	21/01/2019
BTech	205	ODD / 2018	17/10/2018	21/01/2019
ME	401	ODD / 2018	17/10/2018	21/01/2019
ME	405	ODD / 2018	17/10/2018	21/01/2019
ME	408	ODD / 2018	17/10/2018	21/01/2019
ME	413	ODD / 2018	17/10/2018	21/01/2019
ME	419	ODD / 2018	17/10/2018	21/01/2019
MBA	631	ODD / 2018	17/10/2018	21/01/2019
BE	103	EVEN / 2019	22/04/2019	23/06/2019
BE	104	EVEN / 2019	22/04/2019	23/06/2019
BE	105	EVEN / 2019	22/04/2019	23/06/2019
BE	106	EVEN / 2019	22/04/2019	23/06/2019
BE	114	EVEN / 2019	22/04/2019	23/06/2019
BTech	205	EVEN / 2019	22/04/2019	23/06/2019
ME	401	EVEN / 2019	22/04/2019	23/06/2019
ME	405	EVEN / 2019	22/04/2019	23/06/2019
ME	408	EVEN / 2019	22/04/2019	23/06/2019
ME	413	EVEN / 2019	22/04/2019	23/06/2019
ME	419	EVEN / 2019	22/04/2019	23/06/2019
MBA	631	EVEN / 2019	22/04/2019	23/06/2019

[View File](#)

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 extra curricular activities (sports, NSS, Red Ribbon Club, Rotract, 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
106	BE	ECE	42	30	71
401	ME	Applied Electronics	1	1	100
419	ME	VLSI Design	1	1	100
105	BE	EEE	19	15	78.9
103	BE	CIVIL	47	32	68

104	BE	CSE	28	21	75
114	BE	MECH	171	88	51.5
205	BTech	IT	8	4	50
405	ME	CSE	4	4	100
408	ME	ED	1	1	100
413	ME	SE	11	10	90
631	MBA	MBA	30	30	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/course/manage.php?categoryid=159&sesskey=Da54Gf513n>

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
Students Research Projects (Other than compulsory by the University)	6	TNSCST	0.1	0.1
Industry sponsored Projects	12	Trident Tech	1.5	1.5
Industry sponsored Projects	12	Sueeraa Global Alloys Lts	3.5	3.5
Students Research Projects (Other than compulsory by the University)	3	UCFER	0	0
Students Research Projects (Other than compulsory by the University)	3	WIRE DELTA	0	0
Students Research Projects (Other than compulsory by the University)	3	THINK ASIDE TECHNOLOGIES	0	0

Students Research Projects (Other than compulsory by the University)	3	RCCL INDIA	0	0
Students Research Projects (Other than compulsory by the University)	3	M M CONSTRUCTIONS	0	0
Students Research Projects (Other than compulsory by the University)	3	VARDHAN STRUCTURES	0	0
Students Research Projects (Other than compulsory by the University)	3	AUTO DESK	0	0
Students Research Projects (Other than compulsory by the University)	3	TEXAS INSTRUMENTSS	0	0
Students Research Projects (Other than compulsory by the University)	3	CONSENSUS TECHNOLOGIES	0	0
Students Research Projects (Other than compulsory by the University)	3	INFONET SOLUTIONS	0	0
Students Research Projects (Other than compulsory by the University)	3	SWAN DESIGN CONSULTANCY	0	0
Students Research Projects (Other than compulsory by the University)	3	KALKI AUTOMATION PVT LTD	0	0

Students Research Projects (Other than compulsory by the University)	3	ABI SEMICONDUCTORS, CHENNAI	0	0
Students Research Projects (Other than compulsory by the University)	3	SANSHIVE ELECTRONICS	0	0
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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Workshop on Cognitive Skills, Design Thinking and Critical Thinking using local resource persons	MECH/CIVIL/ECE/EEE/CSE/IT	09/04/2019
Design Competition for Proof of Concept Development	MECH/CIVIL/ECE/EEE/CSE/IT	01/04/2019
Idea Competition	MECH/CIVIL/ECE/EEE/CSE/IT	15/02/2019
Offline workshop on IPR for Students and Faculty Members	MECH/CIVIL/ECE/EEE/CSE/IT	11/01/2019
Workshop on IPR for Students and Faculty Members	MECH/CIVIL/ECE/EEE/CSE/IT	10/01/2019

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Solar Incinerator	Sapna Kumari ,a Thenmozhi, Kiruthigasre, Yogarani, Mathivathani	MHRD	14/06/2019	PROJECT PRESENTATION AT SMART INDIA HACKATHON HARDWARE EDITION
Sensor Based Ware House Monitoring and Control	Kamali K ,Vijayaraghavan R, Kavya S ,Ramayadevi G	Texas Instruments Department of Science and Technology	20/05/2019	SemiFinalists India Innovation Challenge Design Contest (IICDC)
Sensor Based Ware House Monitoring and Control	Kamali K ,Vijayaraghavan R, Kavya S ,Ramayadevi G	Texas Instruments Department of Science and Technology	21/01/2019	SemiFinalists India Innovation Challenge Design Contest

				(IICDC)
A Cost Effective System For Auto Irrigation, Soilmonitoring And Control	Ranjithkumar.G , Kavin.R , Karthikeyan , R eshma.E.R,Arivu mathi	Texas Instruments Department of Science and Technology	21/01/2019	SemiFinalists India Innovation Challenge Design Contest (IICDC)
Patient Health Monitoring System	Ranjithkumar.G , Kavin.R , Karthikeyan , Kaviarasan.R	PALS,IIT Madras	27/02/2019	InnowahProject Contest
Hypaponics	R.V.Parthasarathy,A.Navaneethraj,S.Karan,Mohammed Nafi.K.A	PALS,IIT Madras	27/02/2019	InnowahProject Contest
Urban Flood Control and Drainage block detection System	Mohan.S,Vignesh .A	TNSCST	11/03/2019	Product

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

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
NA	NA	NA	UCFER	Embedded and IoT	15/12/2018

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
3	1	1

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	4
Electronics and Communication Engineering	3

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	Electronics and Communication Engineering	4	3
International	Electrical and Electronics Engineering	5	7.36
International	Mechanical Engineering	2	0.8

International	Information Technology	1	5.22
International	Computer Science and Engineering	5	1.58
International	Science and Humanities	2	2.01
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Electronics and Communication Engineering	28
Mechanical Engineering	20
Electrical and Electronics Engineering	13
Computer Science and Engineering	8
Information Technology	2
Science and Humanities	2
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Network based flash flood alert system	W.Sherine Mary	IEEE Xplore	2018	0	Yes	0
Sensor Based Automated Washroom Monitoring system	W.Sherine Mary	IEEE Xplore	2018	0	Yes	0
Sensor based Warehouse Monitoring system	W.Sherine Mary	IEEE Xplore	2018	1	Yes	2
Maritime boundary alert for Fishermen	W.Sherine Mary	IEEE Xplore	2018	0	Yes	0
Implementation of confidentiality for	W.Sherine Mary	Springer	2018	0	Yes	0

voice traffic						
Automated People Counting System	W.Sherine Mary	IEEE Xplore	2018	0	Yes	0
IoT Based Air Pollution Monitoring and Control System	W.Sherine Mary	IEEE Xplore	2018	0	Yes	0
Smart Humidity Monitoring System for Infectious Disease Control	W.Sherine Mary	IEEE Xplore	2019	0	Yes	0
Network based flash flood alert system	S.Muthukumar	IEEE Xplore	2018	0	Yes	0
Sensor Based Automated Washroom Monitoring system	S.Muthukumar	IEEE Xplore	2018	0	Yes	0
Sensor based Warehouse Monitoring system	S.Muthukumar	IEEE Xplore	2018	1	Yes	2
Maritime boundary alert for Fishermen	S.Muthukumar	IEEE Xplore	2018	0	Yes	0
Implementation of confidentiality for voice traffic	S.Muthukumar	IEEE Xplore	2018	0	Yes	0
Automated People Counting System	S.Muthukumar	Springer	2018	0	Yes	0
IoT Based Air Pollution	S.Muthukumar	IEEE Xplore	2018	0	Yes	0

Monitoring and Control System						
Smart Humidity Monitoring System for Infectious Disease Control	S.Muthukumar	IEEE Xplore	2018	0	Yes	0
A Cost Effective System For Auto Irrigation, Soil monitoring And Control/IEEE Xplore	S.Muthukumar	IEEE Xplore	2018	0	Yes	0

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Sensor based Warehouse Monitoring system	Sherine Mary.W	IEEE Xplore	2018	1	2	Yes
Sensor based Warehouse Monitoring system	S.Muthukumar	IEEE Xplore	2018	1	2	Yes

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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	58	1	0
Presented papers	18	32	0	0
Resource persons	0	0	0	2

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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Road Safety Program	Coimbatore City Policy	12	102
Pillion Rider Helmet Wearing Rally	Coimbatore City Policy	8	211
Pure Path among Youths	Anna University	16	126
No file uploaded.			

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
NA	NA	NA	0
No file uploaded.			

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

Name of the scheme	Organising unit/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Leadership Talk	MHRD IIC	Innovation Leadership Achievements	74	372
Leadership Talk	MHRD IIC	Planning for Career Future Industry Trends and startup	18	140
Leadership Talk	MHRD IIC	Art of Decision	12	130
Leadership Talk	MHRD IIC	Importance of Innovation and Industrial Training	6	57
No file uploaded.				

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
Campus lecture	328	Adithya Institute of Technology	6
Theory to practice	43	Adithya Institute of Technology	3
Workshop	31	Adithya Institute of Technology	3
FDP	9	Adithya Institute of Technology	2

Industrial Visit	10	Adithya Institute of Technology	4
Project Submission	8	Adithya Institute of Technology	2
Summit	8	Adithya Institute of Technology	1
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			
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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
4	4

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
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh)	Existing

during the current year	
Others	Newly Added

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
LIPS i NET	Fully	5.0	2008

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	16811	5883850	640	224000	17451	6107850
Reference Books	2600	940100	142	56810	2742	996910
e-Books	3500	0	0	0	3500	0
Journals	79	175050	0	0	79	175050
e-Journals	1	13570	0	0	1	13570
Digital Database	3	0	0	0	3	0
CD & Video	1289	0	42	0	1331	0
Library Automation	1	60000	0	0	1	60000
Weeding (hard & soft)	252	71892	0	0	252	71892
Others (specify)	873	0	101	0	974	0
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr.S.Shanthi	EC8351 Electronic circuits I,CS8351Digital Principles and System Design	LMS	04/07/2018
Mr.S.Muthukumar	EC6703 Embedded and Real Time Systems, EC6504Microprocessor and Microcontroller, Ec 6711Embedded Laboratory	LMS	04/07/2018
Mrs.W.Sherine Mary	EC6004 Satellite Communication,EC6801 Wireless Communicat	LMS	04/07/2018

	ion, EC6513 Microprocessor and Microcontroller Laboratory		
Mrs.G.Nithya	EE6302 Electromagnetic theory, EC8392 Digital Electronics, EC6311 Analog and Digital Circuits Laboratory I	LMS	04/07/2018
Mr.P.Ravishankar	IT 6502 Digital signal Processing, EC8352 Signals and systems, CS8382 Digital systems Laboratory	LMS	04/07/2018
Mrs.K.P.Jamunalaksmi	EC 6702 Optical Communication and Networks, EC 6502 Principles of Digital Signal Processing	LMS	04/07/2018
Mrs.V.Ganga	EC 6701 RF and Microwave Engineering, EC 8394 Analog and Digital Communication, EC 6712 Optical and Microwave Laboratory	LMS	04/07/2018
Mr.S.Mohammed Harris	EC 6501 Digital Communication, EC 8361 Analog and Digital Circuits Laboratory	LMS	04/07/2018
Mr.K.Jagadeesh	EC 6014 Cognitive Radio, EC 8395 Communication Engineering, EC 6512 Communication System Laboratory	LMS	04/07/2018
Mrs.A.Dharani	EC 6503 Transmission Lines and Wave Guides, CS 8351 Digital Principles and System Design, CS 8382 Digital Systems Laboratory	LMS	04/07/2018
Mr.Gnana Selvakumar	EE 6502 Microprocessors and Microcontrollers, EC 8353 Electron	LMS	04/07/2018

	Devices and Circuits, EC 8311 Electronics Laboratory		
Mr.Arunraj	EC 6511 Digital Signal Processing Laboratory	LMS	04/07/2018
Mr.S.Muthukumar	CS 6303 Computer Architecture, EC 8453 Linear Integrated Circuits, EC 6611 Computer Networks Laboratory	LMS	19/12/2018
Mrs.W.Sherine Mary	CS 6551 Computer Networks, EC 8491 Communication Theory, EC 6611 Computer Networks Laboratory	LMS	19/12/2018
Mrs.G.Nithya	EC 8451 Electromagnetic Fields, EC 6801 Wireless Communication, EC 8462 Linear Integrated Circuits Laboratory, GE 8261 Engineering Practices Laboratory	LMS	19/12/2018
Mr.P.Ravishankar	IT 6502 Digital Signal Processing, BE 8255 Basic Electrical, Electronics and Measurement Engineering, GE 8261 Engineering Practices Laboratory	LMS	19/12/2018
Mrs.K.P.Jamunalaksmi	EC 6601 VLSI Design, EC 6802 Wireless Networks, EC 6612 VLSI Design Laboratory, EC 8462 Linear Integrated Circuits Laboratory	LMS	19/12/2018
Mrs.V.Ganga	EC 6602 Antenna and Wave propagation, EE8251 Circuit Theory, EE 8261 Electric Circuits Laboratory, GE 8261 Engineering	LMS	19/12/2018

Mr.S.Mohammed Harris	GE 6075 Professional Ethics in Engineering, EC 6001 Medical Electronics, GE 8261 Engineering Practices Laboratory	LMS	19/12/2018
Mr.K.Jagadeesh	GE 6757 Total Quality Management, EC 6651 Communication Engineering, EC 8261 Circuits and Devices Laboratory , EC 8461 Circuits Design and Simulation Laboratory	LMS	19/12/2018
Mrs.A.Dharani	EC 8251 Circuit Analysis, BE 8251Basic Electrical and Electronics Engineering, GE 8261 Engineering Practices Laboratory, EC 6612 VLSI Design Laboratory	LMS	19/12/2018
Mr.A.Gnana selvakumar	EC 8252 Electronic Devices, EC 8452 Electronic Circuits II, EC 8461 Circuits Design and Simulation Laboratory, EC 8261 Circuits and Devices Laboratory	LMS	19/12/2018
Mr.M.Arunraj	MG 6851 Principles of Management, BE 8255 Basic Electrical, Electronics and Measurement Engineering, GE 8261 Engineering Practices Laboratory, EC 8461 Circuits Design and Simulation Laboratory	LMS	19/12/2018
Mr. D.V. Ravikumar	EE6005 Power Quality, EE6503 Power Electronics	LMS	04/07/2018

Mr.R. Senthilkumar	EI 6008 Microcontroller Based System Design, EE 8353 Electrical Drives Controls, EE 8361 Electrical Engineering Lab	LMS	04/07/2018
Mr. T. Kirubakaran	EE 6702 Protection Switchgear, EE 8301 Electrical MachinesI, EE 8311 Electrical Machines - I Laboratory	LMS	04/07/2018
Mr. G. Vinoth	EE 8351 Digital Logic Circuits, EC 8393 Control System Engineering, EE 6512 Electrical Machines II Laboratory	LMS	04/07/2018
Mr.S. Rajesh	EE 6701 High Voltage Engineering, EE 6501 - Power System Analysis, EE 6711 - Power System Simulation Laboratory	LMS	04/07/2018
Ms. R. Viji	EE 6703 Special Electrical Machines, IC 6501 - Control System, EE 6511 Control Instrumentation Laboratory	LMS	04/07/2018
Ms. S. Harini	EE 6504 Electrical Machines II, EE 8353 Electrical Drives Controls, EE 8361 Electrical Engineering Laboratory	LMS	04/07/2018
Mr. D.V. Ravikumar	EE 6009 Power Electronics for Renewable Energy Systems, EE 6601 Solid State Drives	LMS	19/12/2018
Mr.R. Senthilkumar	EE 6602 Embedded Systems, EE 8451 Linear Integrated Circuits Applications, EE 6612 Microprocessors	LMS	19/12/2018

	Microcontrollers Laboratory		
Mr. T. Kirubhakaran	GE 6075 Professional Ethics in Engineering, EE 8403 Measurements Instrumentation	LMS	19/12/2018
Mr. G. Vinoth	EE 6002 Power System Transients, IC 8451 Control Systems, EE 6611 Power Electronics and Drives Laboratory	LMS	19/12/2018
Mr.S. Rajesh	EE 8402 Transmission Distribution, BE 8253 - Basic Electrical, Electronics and Instrumentation Engineering, BE 8261 - Basic Electrical, Electronics and Instrumentation Engineering Laboratory	LMS	19/12/2018
Ms. R. Viji	EE 6603 Power System Operation and Control, BE 8254 - Basic Electrical Instrumentation Engineering, EE 8461 Linear Digital Integrated Circuits Laboratory	LMS	19/12/2018
Ms. S. Harini	EE 6604 Design of Electrical Machines, EE 8401 Electrical Machines - II,EE8411 Electrical MachinesII Laboratory	LMS	19/12/2018
Mr.K.Lokesh	EE6801 Electric Energy Generation Utilization	LMS	19/12/2018
Mr.D.Loganathan	CE6701 Structural Dynamics and Earthquake Engineering	LMS	04/07/2018
Mr.M.Perarasan	CE6702 Prestressed Concrete Structures	LMS	04/07/2019

Ms.M.Sivaranjani	CE6703 Water Resources and Irrigation Engineering	LMS	04/07/2018
Mr.P.Prabhakar	CE6007 Housing Planning and Management	LMS	04/07/2018
Mr.M.S.Kavi Raj	EN6501 Municipal Solid Waste Managemelt	LMS	04/07/2018
Ms.B.Aquino Jancy Rani	CE6704 Estimation Quantity Surveying	LMS	04/07/2018
Mr.P.Prabhakar	CE6502 Foundation Engineering	LMS	04/07/2018
Ms.B.Aquino Jancy Rani	CE6503 Environmental Engineering I	LMS	04/07/2018
Mr.RA.Arvinth	CE6504 Highway Engineering	LMS	04/07/2018
Ms.M.Sivaranjani	CE6505 Design of Reinforced Concrete Elements	LMS	04/07/2018
Mr.D.Loganathan	CE6506 Construction Techniques, Equipment and Practice	LMS	04/07/2018
Mrs.KM.Senthilvadi v eukarasi	MA 8363 Transforms and Partial Differential Equations	LMS	04/07/2018
Mr.M.Perarasan	CE 8301 Strength of Materials I	LMS	04/07/2018
Ms.B.Aquino Jancy Rani	CE 8302 Fluid Mechanics	LMS	04/07/2018
Mr.M.S.Kavi Raj	CE 8351 Surveying	LMS	04/07/2018
Mr.RA.Arvinth	CE 8391 Construction Materials	LMS	04/07/2018
Mr.MS.Kaviraj	MG6851 Principles of Management	LMS	19/12/2018
Mr.P.Prabhakar	CE6016 Prefabricated Structures	LMS	19/12/2018
Mr.M.Perarasan	CE6021 Repair and Rehabilitation of Structures	LMS	19/12/2018
Ms.M.Sivaranjani	CE 6601 Design of Reinforced Brick and Concrete Masonry	LMS	19/12/2018

Mr.D.Loganathan	CE 6602 Structural Analysis II	LMS	19/12/2018
Mr.P.Prabhakar	CE 6603 Design of Steel Structures	LMS	19/12/2018
Mr.M.S.Kavi Raj	CE 6604 Railway Airport and Harbor Engineering	LMS	19/12/2018
Ms.B.Aquino Jancy Rani	CE 6605 Environmental Engineering II	LMS	19/12/2018
Mr.RA.Arvinth	CE 6001 Concrete Technology	LMS	19/12/2018
Mr.P.Selvam	MA8491 Numerical Methods	LMS	19/12/2018
Mr.D.Loganathan	CE8401 Construction Techniques and Practices	LMS	19/12/2018
Mr.M.Perarasan	CE8402 Strength of Materials II	LMS	19/12/2018
Ms.B.Aquino Jancy Rani	CE8403 Applied Hydraulic Engineering	LMS	19/12/2018
Ms.M.Sivaranjani	CE8404 Concrete Technology	LMS	19/12/2018
Mr.RA.Arvinth	CE8491 Soil Mechanics	LMS	19/12/2018
Mr.T.SELVAPRABHU T	IT6004 Software Testing	LMS	04/07/2018
Mrs. R.D. PRIYANKA	IT6701 Information Management	LMS	04/07/2018
Mr. S. SARAVANAKUMAR	IT6702 Data Warehousing and Data Mining	LMS	04/07/2018
Mr. V. GANESHKARTHIKEYAN	CS6703 Grid and Cloud Computing	LMS	04/07/2018
Mr. R. VADIVEL	CS6701 Cryptography and Network Security	LMS	04/07/2018
Mr. P. Selvam	MA8452 Statistics and Numerical Methods	LMS	19/12/2018
Mr. P. Mohanraj	ME8492Kinematics of Machinery	LMS	19/12/2018
Dr. K. Anganan	ME8451 Manufacturing Technology- II	LMS	19/12/2018
Dr. M. Natarajan	ME8491 Engineering Metallurgy	LMS	19/12/2018
Mr. A. Prabhu	CE8395 Strength of	LMS	19/12/2018

	Materials for Mechanical Engineers		
Mr. S. Vijayakumar	ME8493 Thermal Engineering	LMS	19/12/2018
Mrs. K. M. Shenthil vadivukkarasi	MA8452 Statistics and Numerical Methods	LMS	19/12/2018
Mr. P. Mohanraj	ME8492 Kinematics of Machinery	LMS	19/12/2018
Mr. G. Prabhu	ME8491 Engineering Metallurgy	LMS	19/12/2018
Mr. P. L. Navaneethakrishnan	ME8493 Thermal Engineering	LMS	19/12/2018
Mr. M. Subramanian	ME6601 Design of Transmission Systems	LMS	19/12/2018
Mr. A. Karthick	MG6851 Principles of Management	LMS	19/12/2018
Mr. G. Prabhu	ME6602 Automobile Engineering	LMS	19/12/2018
Mr. R. M. Udhayachandran	ME6603 Finite Element Analysis	LMS	19/12/2018
Mr. D. Rameshkumar	ME6604 Gas Dynamics and Jet Propulsion	LMS	19/12/2018
Mr. K. T. Shabarinathan	ME6004 Unconventional Machining Processes	LMS	19/12/2018
Mr. V. T. Vijayaraj	ME6601 Design of Transmission Systems	LMS	19/12/2018
Dr. M. Natarajan	MG6851 Principles of Management	LMS	19/12/2018
Mr. M. Subramanian	ME6004 Unconventional Machining Processes	LMS	19/12/2018
Mr. B. Charles	MG6863 Engineering Economics	LMS	19/12/2018
Mr. A. Karthick	MG6071 Entrepreneurship Development	LMS	19/12/2018
Dr. D. Palaniswamy	ME 6019 Non Destructive Testing and Materials	LMS	19/12/2018
Mr. S. Vijayakumar	MG6863 Engineering Economics	LMS	19/12/2018
Mr. P. L. Navaneethakrishnan	MG6071 Entrepreneurship Development	LMS	19/12/2018

Mr. K. T. Shabarinathan	ME 6019 Non Destructive Testing and Materials	LMS	19/12/2018
Mrs. K. M. shenthil vadivukkarasi	MA8351 Transforms and Partial Differential Equation	LMS	04/07/2018
Dr. D. Palaniswamy	ME8351 Engineering Thermodynamics	LMS	04/07/2018
Mr. S. Muthusaravanan	CE8394 Fluid Mechanics Machinery	LMS	04/07/2018
Mr. M. Ramar	ME8352 Manufacturing TechnologyI	LMS	04/07/2018
Mr. R. Senthilkumar	EE8353Electrical Drives Control systems	LMS	04/07/2018
Mr. M. Ramar	ME8361Manufacturing TechnologyI	LMS	04/07/2018
Mrs. C. Bhuvaneswari	MA8351Transforms and Partial Differential Equation	LMS	04/07/2018
Mr. S. Vijayakumar	CE8394Fluid Mechanics Machinery	LMS	04/07/2018
Mr. A. Prabhu	ME8352Manufacturing TechnologyI	LMS	04/07/2018
Ms. S. Harini	EE8353 Electrical Drives Control systems	LMS	04/07/2018
Dr. K. Anganan	ME8361 Manufacturing TechnologyI	LMS	04/07/2018
Mr. P. Mohanraj	ME6501 Computer Aided Design	LMS	04/07/2018
Mr. D. Rameshkumar	ME6502 Heat and Mass Transfer	LMS	04/07/2018
Mr. M. Subramanian	ME6503 Design of Machine Elements	LMS	04/07/2018
Mr. G. Prabhu	ME6504 Metrology and Measurements	LMS	04/07/2018
Mr. A. Prabhu	ME6505 Dynamics of Machines	LMS	04/07/2018
Dr. N. Gokilamani	GE6075 Professional Ethics in Engineering	LMS	04/07/2018
Mr. R. M. Udhayachandran	ME6501 Computer Aided Design	LMS	04/07/2018
Mr. V. T. Vijayaraj	ME6503 Design of	LMS	04/07/2018

	Machine Elements		
Mr. P. Mohanraj	ME6505 Dynamics of Machines	LMS	04/07/2018
Mr. N. Sivasankar	GE6075 Professional Ethics in Engineering	LMS	04/07/2018
Mr. S. Vijayakumar	ME6701 Power Plant Engineering	LMS	04/07/2018
Mr. R. M. Udhayachandran	ME6702 Mechatronics	LMS	04/07/2018
Mr. K. T. Shabarinathan	ME6703 Computer Integrated Manufacturing Systems	LMS	04/07/2018
Dr. M. Natarajan	GE6757 Total Quality Management	LMS	04/07/2018
Dr. K. Anganan	ME6008 Welding Technology	LMS	04/07/2018
Mr. A. Karthick	ME6010 Robotics	LMS	04/07/2018
Mr. V. T. Vijayaraj	ME6701 Power Plant Engineering	LMS	04/07/2018
Mr. B. Umesh	ME6702 Mechatronics	LMS	04/07/2018
Mr. S. Muthusaravanan	ME6008 Welding Technology	LMS	04/07/2018
Mr. P. L. Navaneethakrishnan	ME6701 Power Plant Engineering	LMS	04/07/2018
Mr. M. Ramar	ME6703 Computer Integrated Manufacturing Systems	LMS	04/07/2018
Mr. B. Charles	ME6010 Robotics	LMS	04/07/2018
Mr. V. GANESHKARTHIKEYAN	CS6703 Grid and Cloud Computing	LMS	04/07/2018
Mr. R. VADIVEL	CS6701 Cryptography and Network Security	LMS	04/07/2018
Mr.S.SARAVANAKUMAR	IT6006 Data Analytics	LMS	04/07/2018
Ms.SHENTHILVADIVUKKARASI	CS6704 Resource Management Technique	LMS	04/07/2018
Ms.S.SHANTHAKUMARI	CS6702 Graph Theory and Applications	LMS	04/07/2018
Mr. S. Saravanakumar	CS6801 Multi - Core Architectures and Programming	LMS	19/12/2018
Ms. P. Sathyashrilmilha	GE6075 Professional Ethics	LMS	19/12/2018

Ms. N.R.P. Nivetha	CS6010 Social Network Analysis	LMS	19/12/2018
Ms.N.R.P Nivetha	CS6502 Object Oriented Analysis and Design	LMS	04/07/2018
Ms. C.Bhuvaneswari	MA6566 Discrete Mathematics	LMS	04/07/2018
Ms.P.Sathyashrishar milha	CS6504 Computer Graphics	LMS	04/07/2018
Mrs.J.Venkatarangan	CS6503 Theory Of Computation	LMS	04/07/2018
Mr.V.GaneshKarthikyan	CS6501 Internet Programming	LMS	04/07/2018
Mr. J. Venkatarangan	C# and .Net Programming	LMS	19/12/2018
Mr. P. Ravishankar	IT6502 Digital Signal Processing	LMS	19/12/2018
Mr. V. Ganesh Karthikeyan	CS6659 Artificial Intelligence	LMS	19/12/2018
Ms. P. Sathyashrish armilhagn	CS6660 Compiler Design	LMS	19/12/2018
Dr. N.A. Vasanthi	IT6601 Mobile Computing	LMS	19/12/2018
Mr. P.R. Harshani	CS6601 Distributed Systems	LMS	19/12/2018
Ms.A.DHARANI	CS8351 Digital Principles and System Design	LMS	04/07/2018
Mr R Sagaya Vivian	CS8381 Data Structures	LMS	04/07/2018
Mr.K.JAGADEESH	EC8395 Communication Engineering	LMS	04/07/2018
Mr.P.Selvam	MA8351 Discrete Mathematics	LMS	04/07/2018
Ms R D Priyanka	CS8392 Object Oriented Programming	LMS	04/07/2018
Mr. R. Vadivel	CS8492 Database Management System	LMS	19/12/2018
Ms. P.R. Harshani	CS8494 Software Engineering	LMS	19/12/2018
Mr. J. Venkatarangan	CS8491 Computer Architecture	LMS	19/12/2018
Ms. R. D. Priyanka	CS8451 Design and Analysis of Algorithms	LMS	19/12/2018
Dr. N.A. Vasanthi	CS8493 Operating	LMS	19/12/2018

	Systems		
Ms. S. Shanthakumari	MA8402 Probability and Queueing Theory	LMS	19/12/2018
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	859	14	759	3	14	13	105	50	40
Added								10	
Total	859	14	759	3	14	13	105	60	40

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

60 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
AIT Board Room	LCD Projector, Fully Airconditined Room, Camera with video recording
AUDITORIUM	Audio visual theatre
Seminar Hall	LCD Projector, Fully Airconditined Room, Camera with video recording

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
13	1205796	90	8577257

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 student's 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.

<http://www.adityatech.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
No Data Entered/Not Applicable !!!			
View File			

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Soft Skills Development	09/07/2018	340	Mcube Language Solutions, Coimbatore
Remedial Coaching	06/08/2018	929	AIT
Language Lab	02/07/2018	473	AIT
Technical Training	30/07/2018	240	AIT
Quantitative Aptitude and Logical reasoning training	09/07/2018	440	Explore Academy, Coimbatore
Personal Counselling and Mentoring	01/08/2018	929	AIT
Skill Development Training	20/08/2018	410	AIT
Bridge courses	03/09/2018	110	AIT
Yoga	09/07/2018	600	AIT
Meditation	09/07/2018	600	AIT

No file uploaded.

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Seminar on career opportunity in Indian Defence	0	324	0	0
2018	Awareness programme on Competitive exams	0	324	0	0

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

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

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
No Data Entered/Not Applicable !!!					
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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 ENGINEERING	ADITHYA INSTITUTE OF TECHNOLOGY	M. E. STRUCTURAL ENGINEERING
2018	1	B.E.	CIVIL ENGINEERING	PSNA COLLEGE OF ENGINEERING	M. E. STRUCTURAL ENGINEERING
2018	1	B.E.	CIVIL ENGINEERING	KUMARAGURU COLLEGE OF TECHNOLOGY	M. E. STRUCTURAL ENGINEERING
2018	1	B.E.	CIVIL ENGINEERING	BANNARI AMMAN	M. E. STRUCTURAL

				INSTITUTE OF TECHNOLOGY	ENGINEERING
2018	1	B.E.	CIVIL ENGINEERING	KSR COLLEGE OF ENGINEERING	M. E. STRUCTURAL ENGINEERING
2018	1	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	KUMARAGURU COLLEGE OF TECHNOLOGY	M. E. APPLIED ELECTRONICS
2018	1	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	PSG INSTITUTE OF TECHNOLOGY	M. E. APPLIED ELECTRONICS
2018	1	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	GOVERNMENT COLLEGE OF TECHNOLOGY	M. E. APPLIED ELECTRONICS
2019	2	B.E.	CIVIL ENGINEERING	ADITHYA INSTITUTE OF TECHNOLOGY	M. E. STRUCTURAL ENGINEERING
2018	1	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	BHARATHIAR UNIVERSITY	MBA
2019	1	B.E.	COMPUTER SCIENCE ENGINEERING	KUMARAGURU COLLEGE OF TECHNOLOGY	MBA
2019	1	B.E.	COMPUTER SCIENCE ENGINEERING	KUMARAGURU	M.E. COMPUTER SCIENCE
2019	1	B.E.	COMPUTER SCIENCE ENGINEERING	SRI SHAKTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY	M.E. COMPUTER SCIENCE
2019	1	B.Tech	INFORMATION TECHNOLOGY	ADITHYA INSTITUTE OF TECHNOLOGY	M.E. COMPUTER SCIENCE
2018	1	B.E.	MECHANICAL ENGINEERING	KAMBAN COLLEGE OF ARTS AND SCIENCE	MBA
2019	1	B.E.	MECHANICAL ENGINEERING	ADITHYA INSTITUTE OF TECHNOLOGY	M.E. ENGINEERING DESIGN
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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	0

SET	0
GATE	0
GMAT	0
CAT	0
GRE	0
TOFEL	0
Civil Services	0
Any Other	0
No file uploaded.	

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
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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	BRONZE	National	1	0	7101171050 15	PARAMESH S
2018	THIRD	National	1	0	7101171030 05	GNANAVEL A
No file uploaded.						

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

<p>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.</p>

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Name of the Association 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:

363

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

90750

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)

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 endtoend 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. 3.1. Content management: Consolidated notes and overview of each unit are uploaded at the end of completion of each unit. This will help the students to quickly go through the zest of the theories, contents taught in the class. Content like Course material and details of application of the content are also uploaded in the respective sessions. Apart from this for the better understanding, relevant videos, animations and PPTs are also uploaded into each session. All the content in the Adithya LMS can be accessed for 24x7. 3.2. Assessment and Testing: Each session will have 5 multiple choice questions and students are required to attempt them. The outcome of the evaluation will reveal the understanding level of the concept taught in the class. Students can get to know the correct answer for a question if they had marked it wrong initially. The 3 levels (easy, medium, tough) of assignments to be in the all assignments

with three different levels of solving are submitted online using Adithya LMS and quizzes will be instantly graded 3.3. Curriculum Planning: Adithya LMS is used for designing course plan and lecture schedule 3.4. Reports Generation: Adithya LMS provides nice reporting tool with options to customize student's reports 3.5. Communication and Collaboration: Adithya LMS provides Students Corner as communication tool and blog as collaborative tool 3.6. 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 industryrelevant skill training that will help them in securing placement in reputed organizations.

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
Teaching and Learning	1.At Adithya Institute of Technology, students' enrolment is carried out in a transparent manner as per norms. The admission team carries out the admission process in a systematic manner. After getting admitted into the college, students are facilitated by the college to obtain scholarships from the government. 2.Adithya Learning Management System developed on the moodle platform is available to the faculty 24X7 to plan and execute the academic related activities efficiently. 3. Institution provides individual personal computers to the faculties to execute their work quickly and efficiently. Internet facilities with a speed of 50Mbps are available both through Wired and WiFi for easy access of resources. 4. The Institute also organizes FDPs for improving the teaching learning process.
Examination and Evaluation	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.
Research and Development	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.

Library, ICT and Physical Infrastructure / Instrumentation

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 equipments beyond the syllabus which enables Industry Integrated Institute. 3.The ICT enabled class room facilitates the faculty members and students to experience an effective and interactive teachinglearning atmosphere. 4.OPAC enabled library with good volume of books, publications, ebooks / e journals and access to digital contents like NPTEL videos, lectures, through DELNET, 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 computers connected with 50 Mbps dedicated internet, licensed software and so on.

Human Resource Management

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.

Industry Interaction / Collaboration

We frequently interact with the representatives of the associated industries and technical experts. This promotes signing of many memorandum of understanding (MoU) with industries.

Admission of Students

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

	<p>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, 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.</p>
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>

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 dependent 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	College website and Social Media
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 for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	R D Priyanka	NPTEL Programming in JAVA	NA	1000
2018	P.L.Navaneethak rishnan	Workshop on IPR	NA	750
2018	R Vadivel	NA	CSI	1000
2018	S Saravanakumar	Associate solution Architect AWS Cretification	NA	1500
2018	R D Priyanka	NPTEL Proble solving through programming in C	NA	1000
2018	S Saravanakumar	REDHAT Linux RHCAE	NA	1500
2018	KT Shabarinathan	FDP at Brakes India Ltd by PALS	NA	2000
2018	R A Aravinth	National level on Workshop on Aseismic Design and Legal Advice for Buildings	NA	500
2018	M Sivaranjani	National level on Workshop on Aseismic Design and Legal Advice for Buildings	NA	500
2018	M Sivaranjani	Seminar on property Valuation and Risks	NA	500
2018	K S Ramesh	Recent trends in Crystal Growth and Technology	NA	1000
2018	R SagayaVivian	NA	CSI	1000
2018	A Karthick	Workshop on IPR	NA	750
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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)
2018	NA	NPTEL Workshop	22/06/2018	22/06/2018	0	1
2018	NPTEL Programming in JAVA	NA	28/04/2018	28/04/2018	0	1
2018	Associate solution Architect AWS Certification	NA	11/10/2018	11/10/2019	1	0
2018	REDHAT Linux RHCAE	NA	15/06/2018	15/06/2018	1	0
2018	NPTEL Problem solving through programming in C	NA	27/04/2018	27/04/2018	1	0

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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
Faculty Refresher Program	60	27/06/2018	29/06/2018	3
PALS FDP on Teaching and Learning Pedagogy	5	03/12/2018	05/12/2018	3
NPTEL AICTE Programming in JAVA	1	10/04/2019	22/04/2019	10
Advances in Fracture mechanics and Structural Dynamics in Earth Quake Engineering	1	12/06/2018	16/06/2018	5

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
147	147	12	12

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Faculty Club, Women Empowerment Cell	Faculty Club, Women Empowerment Cell	Department Association, Club Activities, Industrial Visit. NSS, YRC IIPC CELL, Entrepreneurship Development Cell, Incubation Centres

6.4 – Financial Management and Resource Mobilization

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

Yes

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
Sueeraa Alloys Global Pvt. Limited	200000	Research and Consultancy
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6.4.3 – Total corpus fund generated

5000000

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		Yes	AIT
Administrative	Yes	Local Fund Audit. AET	Yes	AIT

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
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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 EGovernance
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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	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	Programme on Quality Assessment by Accreditation	07/07/2018	07/09/2019	07/09/2019	256
2018	Academic Audit	12/10/2018	12/10/2018	12/10/2018	51
2019	Academic Audit	05/04/2019	05/04/2019	05/04/2019	42
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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
Women’s Day Celebration with the theme “Balance for Better”	08/03/2019	08/03/2019	300	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
<p>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 rain water 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.</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	1
Any other similar facility	Yes	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
2019	2	2	11/04/2019	1122	3	4	60

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 Ethics	28/08/2018	A CD is provided to each student at the time of admission containing: i. EBrochure 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
AIT inaugurated FOP(Friends Of Police) Student Corps in the campus and the special address given by Dr.Prateep V Philip, IPS, Additional Director General of Police, Founder Friends of Police	11/12/2018	11/12/2018	205
AIT NSS units has underwent the cleaning of Peelamedu railway station opposite garden area were cleaned	10/02/2019	10/02/2019	50

AIT NSS units has been engaged in planting different tree saplings were planted in the Peelamedu Railway station near by plotted area	03/03/2019	03/03/2019	52
AIT NSS Units student volunteers have been worked for installation of drip irrigation system in the peelamedu railway station opposite garden area	24/03/2019	24/03/2019	48
AIT NSS Units Special Camp Conducted at Kallipalayam village and Petahnayaganpalayam village and NSS Student volunteers have done many people welfare activities such as Digital Literacy, Af forestation, Importance of Education to village people	25/03/2019	30/03/2019	125
AITNSS Units have participated in sky walkathon organized by siddhapudur Manavalakalai Mandra Thavamaiyam at Nehru statium, Coimbatore to create an awareness on physical and mental fitness	08/07/2018	08/07/2018	54
A Road Safety Awareness Programme was organized by AITNSS Units in association with Road Transport Corporation, Coimbatore	20/08/2018	20/08/2018	80
A Pillion Rider Wearing Helmet Rally was organized and conducted by	27/08/2018	27/08/2018	200

AITNSS unit(s) on 27.8.18 at AIT. Both faculty and students of more than 200 volunteers have taken part in this rally			
Rotaract club and ECO Club of AIT has organized an event ECO friendly Lord Ganesh Idols making activity	06/09/2018	07/09/2018	100
AIT Organized a seminar on Career Oppurtunities in Indian Defence for the final year students	07/09/2018	07/09/2018	228
AIT Rotaract club organized a one day Outdoor Leadership Skill Development Programme in association with Rotary club of Coimbatore	15/09/2018	15/09/2018	78
AIT NSS Units has organized a one day Free Eye Checkup Camp in association with The Eye Foundation Hospital, Coimbtore	26/10/2018	26/10/2018	146

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 rain water conservation

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 endtoend 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 student?s 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 industryrelevant 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://www.adithyatech.com>

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://www.adithyatech.edu.in>

8.Future Plans of Actions for Next Academic Year

1. Enhancing academic and centre of excellences 2. Development of students skills by inculcating in core values among them further by imparting value based education. 3. Enhancing social compatibility of the students by giving better opportunity of social interaction through activities of NSS, Eco club and Rrotract Club. 4. Enhancement of infrastructural facilities 5. To apply for permanent affiliation of UG courses Mechanical Engineering, Electronics and Communication Engineering and Information Technology 6. To undergo NAAC reassessment process for obtaining A Grade. 7. To attain NBA accreditation for three UG programmes such as B.E. Mechanical Engineering, Electronics and Communication Engineering and Computer Science and Engineering. 7. Enhancing the SDT (Skill Development Training) with respect to the current scenario. 8. More number of alumni working in various organization and alumni entrepreneur are to be invited for motivational speech to the students. 9. To encourage the faculty and students for applying IPR.