Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**ADHI COLLEGE OF ENGINEERING AND TECHNOLOGY**
Name of the head of the Institution	**A.Devaraju**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**044-27290096**
Mobile no.	**9789133629**
Registered Email	**principal@adhi.edu.in**
Alternate Email	**adevaa2011@gmail.com**
Address	**No.6 Munu Adhi Nagar, Sankarapuram, Puliambakkam Post, Near Walajabad, Kanchipuram**
City/Town	**Kanchipuram**
State/UT	**Tamil Nadu**

Pincode	**631605**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr. V. Paranthaman**
Phone no/Alternate Phone no.	**04427290096**
Mobile no.	**9952971485**
Registered Email	**vp@adhi.edu.in**
Alternate Email	**paranthphd@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	**http://www.adhi.edu.in/ext_files/images/IQACFORM/Adhi%20-SSR.pdf**

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.adhi.edu.in/ext_files/images/IQACFORM/oddsem.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**C**	**1.98**	**2019**	**08-Feb-2019**	**02-Jul-2024**

6. Date of Establishment of IQAC	**31-Oct-2016**

7. Internal Quality Assurance System

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

IQAC		
Meeting related to preparation of student satisfaction survey report by IQAC	24-Oct-2019 2	15
Monthly review meetings	19-Jun-2019 9	20
Researcher's Meet	20-Jun-2019 1	13
Academic & Administrative Audit	17-Sep-2019 1	10
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
R.GOPI	STUDENT PROJECT	TNSCST	2019 90	22500
R. ANITHA	DST-NIMAT	EDII	2019 9	60000
I. SARAVANAN	TARE	SERB	2019 360	1500000
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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 :	**2**
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)

? IQAC was initiated NBA accreditation process for the entire program.

? Conducted Orientation programme
? Conducted Academic & Administrative audit
? Conducted workshop for Faculty on Outcome Based Education and Pedagogy
? As a consequence of student feedback analysis, significant improvement in transport facilities were made

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

Plan of Action	Achivements/Outcomes
More Value added programmes to make maximum placements for students	A significant improvement in the quality of placements and a marginal increase in the number of students placed are witnessed
Organized Orientation Program	To improve the student involvement in college education, orientation programme were conducted for 1st year students.
Parent-Teacher interaction	Parent-Teacher interaction was organized in 14 February 2020 in order to provide a platform through which the parents can interact and share their concerns with the faculty members directly. This interaction helped the faculty members to understand the students better and provided valuable feedback to enhance the teaching learning process
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	29-Jan-2020

17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	The facility of Management Information System (MIS) is being effectively implemented and using possibly on all aspects from 2017. This software system helps to acquire the accurate master data and data records of activities. With the help of these wholesome records, reports can be downloaded and segregated according to their groupings, which will be really helpful for collecting required information's with the help of filters. In administration related, Faculty profile data are meticulously feed through website team. In order to develop the full fledge knowledge of the students theoretically and practically, staffs were motivated to attend conferences, workshops, FTP and Seminars, to encourage them in high cash prizes will be awarded for Scopus and SCI Indexed research paper publications. Course allocation to the faculties will be done by the Head of the Department, with the suggestion and instruction of the Principal on the basis of the stream and experience of the staff. Master timetable and individual staff timetable will be pasted in the classroom notice board. Attendance for every hour is taken compulsorily to systemize, then the percentage of attendance were uploaded in the Web Portal. Internal assessment marks are uploaded in the web portal for the students and others reference. To develop the interest of the students, Lesson plan and Notes of lesson, powerpoint presentation, previous year question papers and other subject materials are uploaded in the portal. Student information like participations, awards and achievements were done through Management Information System (MIS). Placement related information such as training schedule, ON and OFF campus drive details, selected candidates with their annual package were transferred to the students to update their progress. Transport related information like purchased items bills were taken care by MIS, to create transparency.

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

Our institution provides 5 Undergraduate courses, 2 Postgraduate courses and 4 Doctoral courses. Formation of Curriculum and syllabi for all UG and PG courses is under the purview of Anna University. The syllabus of each paper is segregated according to their difficulty level and the teaching materials will be prepared on that basis, to make the students understand about the subject thoroughly. Atleast once in the course duration, students are engaged to practice English Language Lab as a part of a syllabus. With the examination point of view, students were trained to analyze the each semester question paper, as a precaution methodology to face the different dimensions of the subjects. Every department of our college is facilitated with ICT for the students and teachers for the constant upgradation of the knowledge. In documentation process, every department plays vital role in collecting students active participation in seminars, workshops, conferences, symposium and projects etc., Records of admission, students- teacher ratio and examination details were documented by office and exam cell of the institution respectively. An Academic calendar has provisions for tentative schedules for internal assessment and semester examinations will be prepared and upload in the web portal (CMS) for easy reference of anybody. For effective implementation of curriculum strongly and effectively, remedial solutions like coaching classes will be conducted on a regular basis.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
AUTOCAD	Nil	14/09/2019	20	Employabil ity	DESIGN
REVIT	Nil	14/12/2019	40	Entreprene urship	DESIGN
EMBEDDED C	Nil	10/02/2020	8	Employabil ity	CODING
SOFTWARE TESTING	Nil	04/01/2020	7	Employabil ity	TESTING

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	MECHANICAL ENGINEERING	03/06/2019

BE	ELECTRONICS AND COMMUNICATION ENGINEERING	03/06/2019
BE	ELECTRICAL AND ELECTRONICS ENGINEERING	03/06/2019
BE	COMPUTER SCIENCE ENGINEERING	03/06/2019
BE	CIVIL ENGINEERING	03/06/2019
ME	ENGINEERING DESIGN	03/06/2019
ME	COMMUNICATION SYSTEMS	03/06/2019

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

	Certificate	Diploma Course
Number of Students	115	Nil

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Modern Equipment and its application	11/02/2020	44
Android Application Development	28/02/2020	57
NDT Course	01/02/2020	103
CADD Course	21/01/2020	103
	[View File](#)	

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	DEPARTMENT OF CIVIL ENGINEERING	32
BE	DEPARTMENT OF COMPUTER SCIENCE ENGINEERING	6
BE	DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING	37
BE	DEPARTMENT OF MECHANICAL ENGINEERING	29
BE	DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING	53
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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 feedback collected through various meetings and counseling sessions are studied thoroughly and categorized into groups pertaining to academics, facilities and administration. The set of feedback is discussed with the department concerned and appropriate remedial actions are suggested. An action taken report is collected after stipulated time. It is ensured to maintain so that the same grievance or feedback does not get repeated. A 23 questions feedback is collected exclusively for the courses taught in the current semester. Questions cover all aspects of Teaching-Learning concerns. Based on the summary of this score, faculty members are counseled for the aspect to be improved. They are recommended for training programmes as appropriate. An online feedback is obtained from each and every student where he can express his comments and suggestions for the overall improvement of the ambience and other issues. Feedback from parents is collected during parent-teacher meetings which are regularly held once in a semester and also when parents visit the institution for other matters. Appropriate measures are taken on genuine complaints and suggestions are considered for improvement. Industry and Employer feedback are collected through students who are placed in various organizations and also during their visit to our campus for placements, guest lectures, workshops and review meeting. These feedbacks are given utmost importance since they bring in the industry expectations from the students for their career. Appropriate training programmes are organized for the students and mentoring sessions are provided.

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
PhD or DPhil	Mechanical Engineering	15	1	1
ME	Communication Systems	24	3	3
ME	Engineering Design	24	2	2
BE	Computer Science Engineering	60	70	55
BE	Civil Engineering	60	5	Nill
BE	Electronics and Communication Engineering	60	43	30
BE	Electronics and Communication Engineering	90	95	69

BE	Mechanical Engineering	120	56	41

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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
2019	1001	13	74	8	Nill

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
82	82	5	38	38	8

View File of ICT Tools and resources
View File of E-resources and techniques used

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

The mentoring system is the effective approach to locate the problems easily through personal counseling. In our institution we are following it from 2012. According to this system, each faculty members will be allocated with 15 students and they have to meet one student per day. During this meeting, mentor and mentee will have variety of discussion over the area of facilities in college, subject related issues, personal issues, teacher and student relationship and further progress of their future. The above topics can be grouped into academic and non-academic issues. These problems and discussions will be sent to the student counselor by the faculties. If the issues were related to institution, faculty or something else than the student, then the student counselor will escalate the problem to the management and the remedial steps will be taken in the concern of student's good future. Furthermore, this mentoring system helps to locate the misconceptions, exam fear and anxiety etc., of the mentees to self-recover them through regular counseling. At the end of each month consolidated report from all the mentors will be given to the student counselor. Then the student counselor will be the checker board to verify, the remedial action has taken or not. With the help of this system, really there is gradual increase in student behavior, learning capability, thinking capacity and problem solving etc.,

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1014	82	1:12

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
19	19	Nill	19	1

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	Designation	Name of the award,

receiving awards from state level, national level, international level		fellowship, received from Government or recognized bodies
2019	Dr. A. Devaraju	Principal	Teaching Awards in Engineering
2019	Dr. D. Palanisamy	Associate Professor	Best Research Paper
2019	Mr. R. Gopi	Assistant Professor	Best Academician Award
2019	Dr. K. B. Baskar	Professor	Faculty Mentoring Award
2019	Mr. M. Rajavelu	Assistant Professor	Best Class Incharge Award
2019	Dr. A. Latha	Professor	Best Trouble Shooter Award
2019	Mr. V. Rajinikanth	Assistant Professor	Award for Outsatanding Teaching
2019	Mr. K. Dineshbabu	Assistant Professor	Early Carrier Research Award
2019	Mr. S. Mahadevan	Assistant Professor	Best Coordinator Award
2019	Mr. K. S. Thangavel	Assistant Professor	Best Alumni Coordinator

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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	106 - Electronics and Communication Engineering	II Sem/I Year	22/04/2019	24/05/2019
BE	106 - Electronics and Communication Engineering	IV Sem / II Year, VII Sem / III Year, VIII Sem / IV Year	22/03/2019	24/05/2019
BE	105 - Electrical and Electronics Engineering	II Sem/I Year	22/04/2019	24/05/2019
BE	105 - Electrical and Electronics Engineering	IV Sem / II Year, VII Sem / III Year, VIII Sem / IV Year	22/03/2019	24/05/2019
BE	104 - Computer	II Sem/I Year	22/04/2019	24/05/2019

	Science Engineering			
BE	104 - Computer Science Engineering	IV Sem / II Year, VII Sem / III Year, VIII Sem / IV Year	22/03/2019	24/05/2019
BE	114 - Mechanical Engineering	II Sem/I Year	22/04/2019	24/05/2019
BE	114 - Mechanical Engineering	IV Sem / II Year, VII Sem / III Year, VIII Sem / IV Year	22/03/2019	24/05/2019
BE	103 - Civil Engineering	II Sem/I Year	22/04/2019	24/05/2019
BE	103 - Civil Engineering	IV Sem / II Year, VII Sem / III Year, VIII Sem / IV Year	22/03/2019	24/05/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Continuous assessment is a form of examination that evaluates a student's advancement throughout the semester. Proponents of continuous assessment allow for tracking the progress of students and have a chance of offering more attention and guidance as well as supports to improve. The teachers after completing a chapter (or portion of the syllabus) take assessment tests or make questionnaires according to bloom's taxonomy with the students regarding the studied chapter(s). The tests are arranged by exam cell in the model of university exam. This particularly helps to assess the students' weakness that will be given more emphasis later by the teachers and mentors and will help the students to overcome their weakness. In each semester, syllabus will be segregated into three parts and in those three parts each part will be allocated for each internal examination respectively. For first internal examination unit I and II will be taught and to practice it thoroughly questions will be set only those units. Units III and IV will be taught and practice questions will be given for internal examination II. The next level of assessment is Model exam with unit V and full syllabus will be the portion. In our institution, we have separate team for evaluating correction process, team members will evaluate all the examination papers and they will escalate to particular faculty errors if they made it while correcting paper. Retest will be conducted for the students, who were scored below average. During the internal examination itself we will conduct coaching class for students in order to succeed them in the commitment of examination. This reduces the anxiety around testing and heightens the emphasis on learning. In this system the college also a help the advanced students in their progress through emphasis at their own pace by pursuing more challenging work.

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

Our institution functions accordance with the Anna University rules and regulation with the meeting of IQAC in every semester beginning. For this purpose an academic calendar is effectively provided in the beginning of each semester by the IQAC coordinator and committee members with purview of Anna University. This calendar includes: no. of working days, holidays, admission

timeline, internal assessment test, Model lab exam and end semester exams etc., for the reference of students and faculty members. Holiday's list will be calculated by the decision of Anna University. If any changes were added in the academic calendar in unavoidable situation, that will be intimated to the students through public notice boards and class notice boards in the institution. Hardly, the only difference occurs in local holiday list and within the internal activities of the college. Academic Calendar includes the tentative schedule of following important matters: • Admission • Commencement of classes • Monthwise regular classes • Unit Tests • Seminars/Workshops • Academic Excursion/Survey/Field Works • Annual Sports • Cultural Activity • Internal Assignments • Internal Assessment • Study Leave • End Semester Examinations • Holidays and Vacations This Academic Calendar is Provisional as the college has to follow University and Government guidelines regarding End Semester examinations, Admission, Study Leave, submission of Internal Assessment,etc.. For other matters which can be handled solely by the college authorities, the Academic Calendar is followed. So the Academic Calendar is prepared very carefully.

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.adhi.edu.in/mech/index.php

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
Nill	ME	Engineering Design	5	4	80
Nill	ME	Communication Systems	1	1	100
103	BE	Civil Engineering	29	17	58.62
114	BE	Mechanical Engineering	79	62	78.48
104	BE	Computer Science Engineering	42	41	97.62
105	BE	Electrical and Electronics Engineering	23	23	100
106	BE	Electronics and Communication Engineering	38	37	97.37
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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)

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
Major Projects	90	TNSCST	22500	22500
Minor Projects	90	AYAAN FOUNDATION	50000	50000
Major Projects	1095	SERB	1500000	650000
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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
Seminar on Electrical Vehicle	Mechanical Engineering	19/02/2020
Non Destructive Testing	Mechanical Engineering	01/02/2020
PLC AUTOMATION SCADA	Electrical and Electronics Engineering	17/09/2019
Proteus with Embedded	Electrical and Electronics Engineering	11/02/2020
Recent Trends In Power System	Electrical and Electronics Engineering	17/02/2020
PCB DESIGN AND FABRICATION TECHNIQUES	Electronics and communication Engineering	31/01/2020
MOBILE APPLICATION DEVELOPMENT	Electronics and communication Engineering	06/02/2020
DEEP LEARNING USING SENSOR FLOW	Electronics and communication Engineering	18/02/2020
ARDUINO AND ITS APPLICATIONS	Electronics and communication Engineering	04/02/2020
SEMINAR ON AUTOMATIVE EMBEDDED SYSTEM	Electronics and communication Engineering	06/08/2019
COMPUTER NETWORKS AND CLOUD COMPUTING	Electronics and communication Engineering	08/08/2019
INDUSTRIAL AUTOMATION	Electronics and communication Engineering	17/09/2019
INDUSTRIAL AUTOMATION USING IOT	Electronics and communication Engineering	22/01/2020

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
Chhatra Vishwakarma Award 2019	R. Kumaresan	AICTE	18/12/2019	Project Prototype
Chhatra Vishwakarma Award 2019	R. Santhiya	AICTE	18/12/2019	Project Prototype
Chhatra Vishwakarma Award 2019	V. Paramasivam	AICTE	18/12/2019	Project Prototype
Chhatra Vishwakarma Award 2019	G. Aliakbarbaig	AICTE	18/12/2019	Project Prototype
Chhatra Vishwakarma Award 2019	Vanchinathan.C	AICTE	18/12/2019	Project Prototype
Best Innovator award	Vikash Kumar	Innovation Entrepreneurship Development Program	15/02/2020	Entrepreneurship
Best Innovator award	Sangeetha.K	Innovation Entrepreneurship Development Program	15/02/2020	Entrepreneurship
Best Innovator award	Vanchinathan.C	Innovation Entrepreneurship Development Program	15/02/2020	Entrepreneurship
Best Innovator award	Janardhan.R	Innovation Entrepreneurship Development Program	15/02/2020	Entrepreneurship

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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
No Data Entered/Not Applicable !!!					

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
4	1	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
NIL	Nill

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	16	1.09
International	Electronics and communication Engineering	2	0.5
National	Electronics and communication Engineering	2	1.2
National	Civil Engineering	2	3.58
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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
Mechanical Engineering	1
Electrical and Electronics Engineering	3
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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
Experimental investigation on surface integrity during machining of AISI 420 steel with tungsten carbide insert 420 steel with tungsten carbide insert	Dr. D. Palanisamy	Materials Today: Proceedings	2019	0	Adhi College of Engineering and Technology, Kanchipuram, Tamilnadu, India	Nill
Optimisation of spark erosion machining process parameters using	Dr. D. Palanisamy	International Journal Machining and Machinability of Materials	2019	0	Dr. Abdul Kalam Research Centre, Department of Mechanical	Nill

hybrid grey relational analysis and artificial neural network model					Engineering, Adhi College of Engineering and Technology,	
Machinability analysis and application of response surface approach on CNC turning of LM6/SiCp Composites	Dr. D. Palanisamy	MATERIALS AND MANUFACTURING PROCESSES	2019	1	Adhi College of Engineering and Technology, Mechanical Engineering, Dr APJ Abdul Kalam Research Centre, Kancheepuram, India	Nill
Influence of wire-EDM textured conventional tungsten carbide inserts in machining of aerospace materials (Ti-6Al-4V alloy)	Dr. D. Palanisamy	MATERIALS AND MANUFACTURING PROCESSES	2019	1	Mechanical Engineering, Adhi College of Engineering and Technology, Kancheepuram, India	Nill
Wear behaviour of electroless Ni-P and Ni-P-TiO2 composite coatings on En8 steel	Dr. I. Saravanan	Materials Today: Proceedings	2020	0	Adhi College of Engineering and Technology, Kancheepuram, India	Nill
Wear mechanism of UHMWPE polymer composites for bio medical applications	Dr. I. Saravanan	Materials Research Express	2019	0	Dr. APJ Abdul Kalam Research Centre, Adhi College of Engineerin	1

Title	Author	Journal	Year	Citations	Affiliation	Inst.
					g and Tech nology, Ka ncheepuram , India	
Investig ation of t emperature influence in wear studies on nitride coatings	Dr. A. Devaraju	Materials Today: Pro ceedings	2020	0	Adhi College of Engineerin g and Tech nology, Ka ncheepuram , India	Nill
Mechanical properties of polymer composites with ZnO n ano- particle	Dr. A. Devaraju	Materials Today: Pro ceedings	2019	0	Dr. APJ Abdul Kalam Research Centre, Adhi College of Engineerin g and Tech nology, Ka ncheepuram , India	1
ENERGY CHANNELING LED DRIVER TECHNOLOGY TO ACHIEVE FLICKER FREE OPERATION	Dr.K.B.B haskar	Internat ional Journal of Automation and Smart Technology	2020	0	Department of Electrical Electronic s Engineer ing, Adhi college of Engineerin g and Tech nology, (Anna univ resity) Chennai.	Nill
Design of an Efficient Power Circuit for a Sola r-Powered Hybrid Vehicle	Dr.K.B.B haskar	Internat ional Journal of Power Elec tronics and Drive Systems (IJPEDS).	2020	0	Department of Electrical Electronic s Engineer ing, Adhi college of Engineerin g and Tech nology, (Anna univ resity) Chennai.	Nill

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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

Paper	Author		publication		citations excluding self citation	affiliation as mentioned in the publication
Investigation of shot peening process on stainless steel and its effects for tribological applications	R Gopi	Materials Today: Proceedings	2019	1	1	Dr. Abdul Kalam Research Centre, Department of Mechanical Engineering, Adhi College of Engineering and Technology,
Wear mechanism of UHMWPE polymer composites for bio medical applications	I Saravanan	Materials Research Express	2019	1	1	Dr. Abdul Kalam Research Centre, Department of Mechanical Engineering, Adhi College of Engineering and Technology,
Mechanical properties of polymer composites with ZnO nano-particle	A Devaraju	Materials Today: Proceedings	2019	1	1	Dr. Abdul Kalam Research Centre, Department of Mechanical Engineering, Adhi College of Engineering and Technology,
Experimental investigation and optimization of process parameters in EDM of aluminium metal matrix composites	D Palanisamy	Materials Today: Proceedings	2019	1	1	Mechanical Engineering, Adhi College of Engineering and Technology, Kancheepuram, India

| Experimental investigation of improved thermal characteristics of SiO2/myristic acid nanofluid as phase change material (PCM) | S Harikrishnan | Materials Today: Proceedings | 2019 | 1 | 6 | Dr. Abdul Kalam Research Centre, Department of Mechanical Engineering, Adhi College of Engineering and Technology, |
| A harmonized trust assisted energy efficient data aggregation scheme for distributed sensor networks | A LATHA | ELSEVIER | 2019 | 1 | 1 | Adhi college of engineering and tech |

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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	Nill	25	10	6
Presented papers	14	3	Nill	Nill

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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
Corona Virus Awareness	NSS-ACET YRC	4	200
Food Safety Awareness	NSS-ACET	3	200
Republic day celebration	NSS-ACET	2	50
Pongal day Celebration	NSS-ACET	2	50
Seed Planting	NSS-ACET VIDHIGAL	2	50

Graduation day	NSS-ACET and Management	2	200
Independence day celebration	NSS-ACET NCC	2	100
Cultural Day (Flarefest 2k19)	NSS-ACET	20	200
Valedictory Function and Certificate distribution	NSS-ACET Lions Club	2	100
Tree Plantation Program	NSS-ACET	52	250
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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
Host institute to set up an Entrepreneurship Incubation Center	Recognition	MSME	60
Sanitation and Green Awareness	Recognition	THIRUVANNAMALAI DISTRICT ADMINISTRATION	20
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Health scheme	NSS-ACET	Providing Nilvembu kasayam	5	900
Health scheme	NSS-ACET	Food Safety Awareness	4	200
Health scheme	NSS-ACET YRC	Corona Virus Awareness Program	3	200
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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
NIL	NIL	NIL	0
No file uploaded.			

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
With Industry	Internship	Code Bind technologies T nagar Chennai	03/12/2019	10/12/2019	7
With Industry	Internship	Uniq Tech T nagar Chennai	03/12/2019	10/12/2019	6
With Industry	Internship	AG Industries	03/12/2019	11/12/2019	1
With Industry	Internship	National Skill Training Ins titute,Guind y, Chennai,	03/12/2019	11/12/2019	1
With Industry	Internship	Integral Coach Factory, Chennai	02/12/2019	12/12/2019	1
With Industry	Internship	Mr.Krishna murthy Co-operative Suger Mills, Sethiathope village, Chidambaram	03/12/2019	11/12/2019	5
With Industry	Internship	Kaashin Info Tech, 2nd Ave, Anna Nagar, Chennai	04/12/2019	11/12/2019	10
With Institute	Internship	Robotics (SCADA,PLC)	03/12/2019	12/02/2020	1
With Industry	Internship	Pulser PCB Manufacturin g,SIDCO Industrial Estate, Thir umudivakkam, Chennai	03/12/2019	12/12/2019	3
With Industry	Internship	NLC(NNTPP), Neyveli	03/12/2019	12/12/2019	3
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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
Live Wire	27/01/2020	Training	31
Ed Gate	27/01/2020	Training	31
Sri sai NDT	25/09/2019	Internship and Valu added	103
Kathiravan Bellows	20/11/2019	Promoting Cooperation in Academic areas	285
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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
2500000	1500000

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	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
Autolib	Fully	1.0	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	6435	2299544	1282	215472	7717	2515016
Reference Books	130	128530	125	123435	255	251965
Journals	46	61950	25	62500	71	124450
e-Journals	444	1425530	400	13570	844	1439100
Library Automation	1	82600	Nill	Nill	1	82600
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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
ALL TEACHERS	POWERPOINT PRESENTATION	CMS	03/06/2019

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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	408	5	408	1	1	8	10	105	0
Added	5	0	5	0	0	2	2	0	0
Total	413	5	413	1	1	10	12	105	0

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

105 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
S. Sivakumar	https://www.facebook.com/adhi.edu.in/videos/198130607949337/?t=39

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 incurredon maintenance of physical facilites
6000000	2000000	5800000	3000000

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)

Our institution tries to allocate and utilize the available financial funds properly and effectively for laboratory, library, sports complex, computers, classrooms etc. Laboratory: Every beginning of the new academic year, new instruments and chemicals needed to buy is listed by lab assistant under the purview of Lab in-charge staff and Head of the department. The instruments will be purchased according to the needs of the students research and related to contemporary skill set. Library: Regular meetings are conducted with the management and the librarian regarding the development and needs of the library. Yearly once books will be purchased that too with the concern of the subjective and experience faculties. In library the entry and exit of the students and faculties will be recorded by the librarian. Library books are

well stacked in accordance with Dewey Decimal Classification System. Binding of old books are done from time to time. Journal/Magazine, Daily Newspapers, Employment oriented Newspapers are subscribed on a regular basis. Digital library awareness such as OPAC is given to all the students to develop their knowledge vast. Sports: Head of the Department of Physical Education is in charge of Sports and Game. He coaches the students before any type of tournament or competition and regular practices will be given to them. Sports equipments are purchased when required. Physical Education trainers always encourage the students to participate in state and national level tournaments. Computers: Utilizing the college funds five computer labs has been established. The first three labs are Computer science lab, the fourth lab is CAD/CAM lab and the last fifth lab is English Language lab. Beside this Departmental computers are well upgraded and protected by antivirus. All class rooms, seminar halls and conference rooms are provided with projectors laptops. Class rooms: Every classroom has CCTV camera facility to monitor the student activities. A separate house keeper will be allocated to clean the each floor and the respective class rooms. A projector and its screen will be available in every classroom for digital and smart teaching. A full time electrician is engaged for maintaining and servicing different electrical connection and operating generators when there is power cut off.

http://www.adhi.edu.in/ext_files/images/IQACFORM/Procedures.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	ADHI WELFARE SCHEME	286	20970000
Financial Support from Other Sources			
a) National	NIL	Nill	0
b)International	NIL	Nill	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
Mentoring	14/06/2019	800	Student Grievance cell
Personal Counselling	14/06/2019	800	Student Grievance cell
Bridge Course	24/06/2019	110	ACET
Remedial Classes	24/07/2019	83	ACET
Bramma Gnanam YOGA Camp at Aliyar	09/08/2019	20	Arivu thiru kovil
A 12 day Workshop on yoga for Human Excellent	27/06/2019	29	Sky Yoga
Workshop on yoga for Human Excellent	03/02/2019	120	Sky Yoga

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 passedin the comp. exam	Number of studentsp placed
2019	HR Conclave	200	200	Nill	168

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
207	207	15

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
JBM AUTOMOBILE	60	47	SHIASH INFO SYSTEM	48	3

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	2	B.E	Electronics and communication Engineering	Adhi College of Engg & Tech	M.E Communication Systems
2019	1	B.E	Mechanical Engineering	Adhi College of Engg & Tech	M.E Engineering Design
2019	1	B.E	Mechanical Engineering	Adhi College of Engg & Tech	M.E Engineering Design
2019	1	B.E	Mechanical Engineering	College of Engineering Guindy	M.E Energy Engineering
2019	1	B.E	Mechanical Engineering	Government College of Engineering,	M.E Thermal Engineering

				Coimbatore	

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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
No Data Entered/Not Applicable !!!	

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

Activity	Level	Number of Participants
Cricket	**District**	**128**
Volleyball	**District**	**120**
Cricket	**District**	**320**

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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
No Data Entered/Not Applicable !!!						

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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)

Our institution has student counseling practice to solve the grievances of students as follows: • To communicate the opinion of the students to the college authority on any subject that concerns students. According to this system each faculty will be allocated with 15 students and they have to meet one student per day. During this meeting, mentor and mentee will have variety of discussion over the area of facilities in college, subject related issues, teacher and student relationship and further progress of their future. The above topics can be grouped in to Academic and non-academic issues. These problems and discussions will be sent to the chief mentor by the faculties. Through IQAC feedbacks will be verified and resolving time will be given • To promote and encourage the involvement of students in organizing various college activities. The college also provides a platform for the active participation of the students in the various academic administrative bodies/committees. This enables the students in gaining leadership qualities, execution of skills and understanding rules and regulations. We list below various subcommittees having student representation such as Library Committee, Cultural Committee, Sports Games Committee, NCC, NSS and YRC. IQAC gives an important student centric inputs when the college academic council meet to take important administrative decisions. The new batch of students taking admission to various courses in the college in every academic session, are ushered into their courses through the orientation programs organized by the students of NCC.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

920

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

90000

5.4.4 – Meetings/activities organized by Alumni Association :

Annual General Meeting: 14th September,2019

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 college has a mechanism for delegating authority and providing operational autonomy to various functionaries to work towards a decentralized governance system. 1. The institution administration follows the decentralization practice the Principal has given power to all the Head of the departments, teaching faculties and students. The students' power will be equipped and used in a way of fruitful to them. The vital role of this power substitution is to enhance the knowledge of the students. 2. Choice based Credit System (CBCS) has been introduced in our college from the academic session 2017-18. To make it effective and fruitful, full autonomy is given to the departments. Each and every department enjoys autonomy with respect to drafting of class routine and undertaking co-curricular activities keeping in mind the syllabus and needs of the students. Every freedom is allowed to the departments to arrange assignment and internal assessment as a part of the syllabus. Departments also make arrangements for student seminars, outreach programme, exhibition, excursion etc.

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
Examination and Evaluation	• All year round continuous internal evaluation is carried out through regular class tests, tutorials, student seminars/presentations, quizzes etc. • Assignment and Internal Assessment have been conducted as per curriculum and guidelines of the University. • Slip tests are conducted at regular intervals to know the problems and difficulties of the students. • Constant communication with the students has been maintained to solve the problems faced by them. • Suggestions and advices are given for the betterment of the students. Retest will be conducted by the university to expedite the publication of results. •

		As a part of this system, teachers of the college participate actively in the evaluation process as examiners, scrutinizers, chairpersons etc.
	Teaching and Learning	• Along with the conventional method of teaching, Information and Communication Technology (ICT) is used in the classroom to make the teaching process more understandable and effective. • Group Discussion and Quiz contest organized by the college for each and every Academic Session. • Students' seminars are organized by each and every department as per their convenience. • Outreach (academic) programmes by the department of Physics, Chemistry, Mathematics, Computer Science, organized to enhance the skill of our students. • Mentoring to the students has been arranged by every department. • Special Lectures are organized frequently.
	Curriculum Development	• Design and development of Curriculum is within the purview of the concerned Boards of Studies of the affiliating university. • However, teachers from every department have been given the opportunity by the university to attend seminar, workshop, etc. and provide suggestions for designing curriculum at UG and PG levels. • A good number of teachers of our college, as members of the UG and PG Boards of Studies in different subjects, play decisive roles in the formulation and implementation of the syllabi. • As per the course design, we, at the college level arrange plan for classes, assignments and internal assessment.
	Admission of Students	• Admission of students is conducted totally through offline process. Application Forms for admission can be get from the institution. • All necessary information regarding admission of students is given in College Website. • Following University guidelines and as per Government directives, the entire process of receiving and shortlisting application is done offline, ensuring complete transparency. • Student admission is conducted strictly on the basis of merit. • Reservation policy of the State Government is strictly followed. • List of Students selected in the Reserved Category is attached

	separately to ensure chances for them in higher education.
Industry Interaction / Collaboration	• The college gives due emphasis on practical aspects of education and undertakes such measures as would buttress employability of the students. • Institution departments in collaboration with various agencies, working in the field of skill development and organizations belonging particularly to tertiary sector conduct awareness campaigns and workshops in the college. • HR conclaves conducted for to give lecture on industry needed for student employability
Human Resource Management	• The college sincerely strives to develop the professional skills of both the teaching and nonteaching staff of the college. • The faculty members are encouraged to enhance their academic and administrative knowledge by attending seminars, conferences, workshops, and refresher and orientation courses, different short term courses. • Non-Teaching staff are trained for efiling of office, administrative and admission data, epf, website development and online admission skill. • Activities of Staff and students have organized a number of social awareness programme (such as food safety awareness rally, corona virus awareness, cancer awareness, etc.,
Library, ICT and Physical Infrastructure / Instrumentation	• The central library is a wifi enabled digitized one with CCTV installed therein. • Central library uses Barcode technology and record e-database. • Central Library provides Online OPAC(Open Access Catalogue) • More number of reputed journals (National and International) are regularly subscribed by the institution. Apart from the central library, departmental library facilities are available in each and every department.
Research and Development	• IQAC is conducting research meeting regarding research work. • Management is encouraging the staff to do research and development also it provides efficient facilities. • Researchers are motivated to submit project proposals to generate fund from the agencies.

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

E-governace area	Details
Administration	• All activities relating to student admission are being done totally through online. • Every notice related to students is uploaded in the Website of the College to make them informed. • The important information is served among the students through email which is possible by maintaining the student database. • Instructions, notices to the departments and teachers are circulated through EMails. • Electronic display board is used for notices and instructions to the staff as well as to the students of the College. • The central library is WIFI enabled and computers are connected via LAN.
Finance and Accounts	• All financial transactions are recorded by accounts department. • Online PF through EPension module have been introduced. • The salary payments to the staff and to the Government offices are made by online banking.
Student Admission and Support	• As per guidelines of the Government, admission of the students is conducted totally offline. All information related to admission of students in different departments is provided through College Website and prospectus.
Examination	As and when a student is admitted in College through offline Process, the database of such student is automatically prepared for all online process. For the enrolment of the students to the university, such database is used. At the time of filling up forms for examination, all required information is supplied to the university as per their requisition. All examination related documents such as admit cards, registration certificate, etc. are prepared and used from the database of the students.
Planning and Development	• The IQAC meets and formulates the plan of action to be taken for the enhancement of quality of the institution for an academic session. • This is done after collecting and analysing feedback from different stakeholders. Departmental profiles and information sheets are collected through official emails and analysed. • The plan of action is submitted to the Governing Body of the College as a form of proposal for its necessary approval.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
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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)
2019	Networking	Nill	08/08/2019	09/08/2019	4	1
2019	Advanced Microcontroller	Nill	15/05/2019	16/05/2019	1	2
2020	MARGDARSHAN	Nill	31/01/2020	31/01/2020	76	8
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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
Machine Learning using Python and Data Analytics using Hadoop	1	16/12/2019	27/12/2019	10
Java Programming (FDP)	1	19/08/2019	23/08/2019	5
Sustainablity and durability of concrete using buy product and	1	17/01/2020	18/01/2020	2

recycled materials				
Adhoc Sensor Network	2	04/12/2019	09/12/2019	6
Margadharsan	5	16/12/2019	21/12/2019	6
Faculty Development Programme	1	16/12/2019	21/12/2019	6
Short Term Course	1	15/11/2019	19/11/2019	5
National workshop on social relevent technical education, exploring cooperation oriented action	1	06/12/2019	07/12/2019	2
Entreprenuership development	1	17/10/2019	19/11/2019	3
FDP on Finite Element Analysis	1	18/11/2019	23/11/2019	6

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nill	86	Nill	28

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Employees Provident Fund, Subsidy in food and Transport, Gifts for diwali and Pongal Festival	Employees Provident Fund, Subsidy in food and Transport, Gifts for diwali and Pongal Festival	Health Insurance

6.4 – Financial Management and Resource Mobilization

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

Internal Audit will be conducted once in a semester to verify all the equipment in laboratories and requirements of the college were all satisfied and fulfilled according to the criteria of Anna University. We developed internal audit head from each department to check the laboratory equipment and its Conditions. The collected reports were submitted to IQAC and the feedbacks and suggestions will be given to the management, in order to purchase or any replacement needed. To solve those queries particular time will be given from the IQAC. These suggestions and ideas will improve the institution in research area and also it brings vast explore of knowledge to the students.

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
Management	6000000	Students Welfare
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6.4.3 – Total corpus fund generated

852900

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Anna University	Yes	IQAC
Administrative	Yes	Anna University	No	NA

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

1. Participation in orientation Programme 2. Providing valuable suggestions for future course of action 3. Participation in Parent -Teacher meeting and providing feedback 4. Letter Communication to parents thrice per semester.

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

1.Training for NBA Documentation 2. Training for Teaching and learning through e-content for staff 3.Training for researchers to get more grant from Govt bodies

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

1. Extension of seats in Computer science Department. 2. Introduction of Certificate courses in 2 different areas. 3. Introduction of yoga, NSS and NCC related activities.

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
2019	Meeting related to preparation of student satisfaction survey report by IQAC	24/10/2019	24/10/2019	24/10/2019	15
2019	Monthly review	19/06/2019	19/06/2019	19/06/2019	20

| 2019 | Researchers Meet | 20/06/2019 | 20/06/2019 | 20/06/2019 | 13 |
| 2019 | Academic Administrative Audit | 17/09/2019 | 17/09/2019 | 17/09/2019 | 10 |

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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 LEADERSHIP DEVELOPMENT	08/03/2019	08/03/2019	250	25

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
NIL

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	1
Rest Rooms	Yes	1

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
2020	1	1	04/02/2020	1	Cancer Awareness rally	Explained the effects of cancer and its treatment methods among the public	300
2019	1	1	09/10/2019	1	Food safety Awareness	Addresed the public to	200

| 2019 | 1 | 1 | 14/12/2019 | 1 | Swatch bharat Abhiyan | Cleaned Kanchipuram Anna park and addressed the public to keep environment eco friendly | 34 |
| 2019 | 1 | 1 | 15/12/2019 | 1 | tree saplings around the lake in Nathanallur | Addresed the public to plant more trees for saving environment | 50 |

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

Title	Date of publication	Follow up(max 100 words)
Department Handbook	03/06/2019	Updated information on vision, mission of the department, history and achievements of the department, hierarchy of the department and Event schedule
Student Calendar	03/06/2019	Semester wise – academic planner with working days, exam dates, model practical dates and holidays.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Teachers day Celebration	05/09/2019	05/09/2019	95

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

1. The Campus is maintained as No Smoking Zone 2. Tree Plantation 3. Regular seminar/workshop on environment 4. Harvesting of rain water 5. Campus cleaning 6. Green Audit.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Effective utilization of ICT tools , ebooks and journals can be easily access for faculty and students. Specialization in library digital tools so that students can use effectively and gain knowledge of the contemporary development in their respective field. 2. CMS (Campus management system) is effectively used in question banks, syllabus, videos and materials for students, monthly attendance of the faculty and master attendance of students were maintained with all the norms required by AICTE effectively through this system. 3. Life skill training and value education is given to the students of government schools. Also we are conducting SCIMAT math's Genius exam for 2 students every academic year. Innovative project expo is also conducted every year to explore the creativity of the students.

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

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

Research Consultancy : Research centers is one of the vital role of our institution development which helps the faculties to be updated with contemporary knowledge along with the learning skill, so that they can carry forward this to the next generation students, in order to enrich and nourish them with the all requirements of future need. In our institution we used the methodology of: • Arranging meeting with research scholars to check the progress of research works. • IQAC will simultaneously check the regular development and progress of research areas and also motivate to do more research based works. • All proposals written by the faculty are vetted by a panel of experts who add valuable suggestions for the higher rate of success of the same. • Students are encouraged to do projects of high caliber using research facilities available in the college and best projects are awarded. • To promote Consultancy work, faculty are motivated to get in touch with leading industries of their specialization and find all possible opportunities for collaborative research and consultancy activities • Institute's research committee constituted and provides guidance for all students and staff for developing and filing patents.

Provide the weblink of the institution

http://www.adhi.edu.in/ext_files/images/IQACFORM/Institution%20Performance.pdf

8.Future Plans of Actions for Next Academic Year

The Future plans of our institutions are, To motivate the students and staff members get more grants for innovative projects from the funding agencies. To encourage the students to make more start up in the upcoming year. To upgrade and increase the MoU's with Industries. To motivate the students for the better and best way of using ICT tools. To enrich the knowledge of the students in E-learning.