

Guidelines for the Creation of the
Internal Quality Assurance Cell (IQAC)
and Submission of Annual Quality Assurance
Report (AQAR) in Accredited Institutions
(Revised in October 2013)



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

The Annual Quality Assurance Report (AQAR) of the IQAC

AQAR for the Year

2017-18

Part – A

1. Details of the Institution

1.1 Name of the Institution

Adithya Institute of Technology

1.2 Address Line 1

S.F.No.348/1, 349/1

Address Line 2

Kurumbapalayam,
SS Kulam Post

City/Town

Coimbatore

State

Tamil Nadu

Pin Code

641 107

Institution e-mail address

principal@adithyatech.com

Contact Nos.

+91 7373381000

Name of the Head of the Institution:

Dr S.Muthu

Tel. No. with STD Code:

+91 7373381000

Mobile:

+91 9790017157

Name of the IQAC Co-ordinator: **Dr.K.Senthilkumar**

Mobile: **+91 9865101718**

IQAC e-mail address: **iqac@adithyatech.com**

1.3 NAAC Track ID (For ex. MHCOGN 18879) **TNCOGN27342**

1.4 NAAC Executive Committee No. & Date: **EC(SC)/27/A&A/25.1 Dated 12.09.2017**
(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

1.5 Website address: **www.adithyatech.edu.in**

Web-link of the AQAR: **Nil**

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B ⁺	2.53	2017	5 Years, From 12.09.2017 to 12.09.2022
2	2 nd Cycle				
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC : DD/MM/YYYY **18.08.2017**

1.8 AQAR for the year (for example 2010-11) **2017-18**

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR 2017-18 Submitted to NAAC on 11.09.2018
- ii. AQAR _____ (DD/MM/YYYY)
- iii. AQAR _____ (DD/MM/YYYY)
- iv. AQAR _____ (DD/MM/YYYY)

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

-

1.12 Name of the Affiliating University (for the Colleges)

Anna University, Chennai

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University	<input type="text" value="-"/>		
University with Potential for Excellence	<input type="text" value="-"/>	UGC-CPE	<input type="text" value="-"/>
DST Star Scheme	<input type="text" value="-"/>	UGC-CE	<input type="text" value="-"/>
UGC-Special Assistance Programme	<input type="text" value="-"/>	DST-FIST	<input type="text" value="-"/>
UGC-Innovative PG programmes	<input type="text" value="-"/>	Any other (<i>Specify</i>)	<input type="text" value="-"/>
UGC-COP Programmes	<input type="text" value="-"/>		

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="10"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="2"/>
2.3 No. of students	<input type="text" value="2"/>
2.4 No. of Management representatives	<input type="text" value="1"/>
2.5 No. of Alumni	<input type="text" value="1"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="1"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="2"/>
2.8 No. of other External Experts	<input type="text" value="1"/>
2.9 Total No. of members	<input type="text" value="20"/>
2.10 No. of IQAC meetings held	06

2.11 No. of meetings with various stakeholders: No. Faculty
 Non-Teaching Staff & Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No
 If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

- Seminar on Quality Enhancement
- Seminar on Outcome based Education

2.14 Significant Activities and contributions made by IQAC

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

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
Improve the academic result and placement	Graduation rate of 72.92 % is achieved and 162 students got placement
Conduct symposium for our students	Internal technical symposium has been conducted in name as Joy of Engineering

- 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	All programmes
Trimester	-
Annual	-

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

**Please provide an analysis of the feedback in the Annexure*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

As the institution is affiliated to Anna University Chennai, the institution is following the syllabi and curriculum of Anna University. Curriculum gap has been identified and the institution is offering skill development training in the relevant topics covered under content beyond syllabus.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

Nil

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
149	124	14	11	-

2.2 No. of permanent faculty with Ph.D.

15

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
10	9	-	-	1	-	-	-	11	9

2.4 No. of Guest and Visiting faculty and Temporary Faculty

-	1	-
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2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	17	15	0
Presented papers	22	15	0
Resource Persons	0	0	1

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Use of ICT in teaching learning processes
- Web based lesson plan and session plan and course materials are made ready before the commencement of classes for all the subjects (LMS- Learning Management System).
- Teacher's study material and unit wise over view of the subjects are shared with students.
- Faculty and students are encouraged to use modern learning tools like NPTEL, internet webinar, LCD etc., for enhancing the teaching learning process.
- Training the students in diversified area for academic excellence.
- Introduced "Adithya Tech Bridge" where industry experts connect the syllabus to the real time work so that the students thoroughly understand, learn and implement the knowledge in hands-on session.

2.7 Total No. of actual teaching days during this academic year

244

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Not applicable

2.9 No. of faculty members involved in curriculum Restructuring/Revision/Syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

-	-	-
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2.10 Average percentage of attendance of students

75 %

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.E. Civil	49	1	34	4	-	79.59
B.E.CSE	18	-	13	1	-	77.77
B.E. EEE	22	-	11	2	-	59.09
B.E.ECE	63	-	32	15	-	74.60
B.E. ME	181	-	111	15	-	69.61
B.Tech. IT	9	-	6	1	-	77.77
M.E. ED	-	-	-	-	-	-
M.E.SE	-	-	-	-	-	-
ME VLSI	-	-	-	-	-	-
ME AE	1	1	-	-	-	100
ME CSE	2	-	1	-	-	50
MBA	24	-	22	-	-	91.66

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- IQAC assists in preparing an academic calendar and the same is published the same in Learning Management System.
- Every semester orientation programme is arranged for preparing students for the upcoming academic activities and helps them fulfil the necessary prerequisites.
- IQAC ensure the course plan and course schedule reaches the students prior to the commencement of academic classes in the web based learning management system.
- IQAC supports the faculty members to frame the syllabus for student's skill development training as per industry standards & requirements.
- Apart from the conventional teaching processes, it encourages the faculty and students to involve actively in students centric learning like group discussion, seminar presentation, participation in extension activities, club activities etc.,
- It facilitates interdisciplinary projects & industry backed projects trained by industry experts, participating competition by professional bodies
- It promotes mentor /tutor system to look after learning capabilities of each individual student.
- Student's academic performance is evaluated through internal assessment.
- Counselling section for needy students are analysed at regular interval

- Special learning classes for slow learners are conducted after regular hours
- Special care and revision have been given to students on the previous days of examination.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefited</i>
Refresher courses	NA
UGC – Faculty Improvement Programme	NA
HRD programmes	NA
Orientation programmes	12
Faculty exchange programme	0
Staff training conducted by the university	0
Staff training conducted by other institutions	07
Summer / Winter schools, Workshops, etc.	14
Others	02

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	18	-	-	-
Technical Staff	12	-	-	-

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- Seed money of Rs 1 lakh given to students and faculty for carrying out research.
- Motivating the students to do application oriented mini projects and participates in competition in state and national level.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	2
Outlay in Rs. Lakhs	-	-	-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	3
Outlay in Rs. Lakhs	-	-	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	22	0	0
Non-Peer Review Journals	0	0	0
e-Journals	9	0	0
Conference proceedings	11	9	0

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	-	-	-	-
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects <i>(other than compulsory by the University)</i>	-	-	-	-
Any other(Specify)	-	-	-	-
Total	-	-	-	-

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges
Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences
organized by the Institution

Level	International	National	State	University	College
Number	-	-	-	-	-
Sponsoring agencies	-	-	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From funding agency From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	0
	Granted	0
International	Applied	0
	Granted	0
Commercialised	Applied	0
	Granted	0

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
3	1	-	-	2	-	-

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

4

14

3.19 No. of Ph.D. awarded by faculty from the Institution

6

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
National level International level

3.22 No. of students participated in NCC events:

University level State level
National level International level

3.23 No. of Awards won in NSS:

University level State level
National level International level

3.24 No. of Awards won in NCC:

University level State level
National level International level

3.25 No. of Extension activities organized

University forum	<input type="text" value="-"/>	College forum	<input type="text" value="-"/>		
NCC	<input type="text" value="-"/>	NSS	<input type="text" value="10"/>	Any other	<input type="text" value="-"/>

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Around 40 students have organised a WALKATHON' 17 and created awareness on eye donation among the public on 08.07.2017.
- Actively participated and created awareness on Disaster Management during National Disaster Day Rally on 13.10.2017.
- Participated and performed in “Trail Run- Marathon” organized by Kovai Vizha, to create awareness for best practices to be followed among the public.
- 55 NSS volunteers were actively engaged in enrolling and updating the voters list during February 2018.
- 40 students participated in organ donation awareness programme on “World Kidney Day” on 08.03.2018
- Students donated blood in various hospitals.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	64749.7 sq.m	-	-	64749.7 sq.m
Class rooms	70	-	-	70
Laboratories	72	-	-	72
Seminar Halls	3	-	-	3
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	-	-	-	-
Value of the equipment purchased during the year (Rs. in Lakhs)	-	55,000	Management	55,000
Others	-	-	-	-

4.2 Computerization of administration and library

- College office, exam cell, library , faculty computers and entire administration process are completely computerized and interlinked with LAN
- Wi-fi enabled campus
- OPAC software installed at central library
- University correspondence is in online mode (Web portal entry for attendance, internal assessment marks etc.,)
- E-journal facility
- Web based Parent information system

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text & Reference Books	19209	6824608	370	100532	19579	6925140
e-Books	5250	-	-	-	5250	-
Journals	79	175050	-	-	79	175050
e-Journals	DELNET	13570	-	-	1	13570
Digital Database	NPTEL, NDL	-	-	-	2	-
CD & Video	1263	-	29	-	1292	-
Others (specify) SDT & Projects	483	-	99	-	582	-
Back Volumes	390	-	-	-	390	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	800	14	700	3	14	13	105	4
Added	-	-	-	-	-	-	-	-
Total	800	14	700	3	14	13	104	4

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- Round the clock computer and internet facility
- Internet facility both in boys and girls hostel after college hours
- Computer based skill development training on their specific domains
- Industrial training for faculty members
- Wi-fi enabled campus

4.6 Amount spent on maintenance in lakhs :

i) ICT	2,59,165
ii) Campus Infrastructure and facilities	2,99,541
iii) Equipments	7,62,658
iv) Others	46,40,249
Total :	59,61,613

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- IQAC arranged online programs for students and faculty members to understand the latest development in science and technology
- IQAC arranged to take up industrial projects for students through PALS-IIT alumni centre Chennai
- IQAC encourages the students to participate in the projects contest of other institutions
- IQAC facilitates the students to undergo internship programmes during their semester holidays

5.2 Efforts made by the institution for tracking the progression

- Each departments maintains the records related to programme – admission, success rate, number of students going for higher education, placement etc.,
- Tracking the progression through
 - Monitoring the academic performance through continuous evaluation
 - Regular monitoring of students attendance , Curricular, co-curricular and extracurricular activities
 - Faculty involvement through counselling and mentor system
 - Obtaining regular feedback from students

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1126	87	12	-

(b) No. of students outside the state

84

(c) No. of international students

-

Men	No	%	Women	No	%
	-	-		-	-

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
62	43	0	163	0	268	46	84	3	243	0	376

Demand ratio Dropout %

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- Training and placement cell provides training on quantitative aptitude , logical reasoning, and technical training to the students
- Material required to prepare for competitive examination are purchased and made available in central library
- Journals /magazines related to competitive exams are available in library

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT
IAS/IPS etc State PSC UPSC Others

5.6 Details of student counselling and career guidance

- All the students have mentors/ tutors.
- No of students per mentor/tutor is 20 (at the maximum)
 - Mode- Personal meeting
 - Area- academic, Career guidance, personal grievances, career guidance, students counselled and guided

No. of students benefitted

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
63	260	157	05

5.8 Details of gender sensitization programmes

- Women’s cell organized various program throughout the year
- AIT- College culture plays major role in bringing radical changes in women’s students at college level and also in the society
- Female students trained to take up lead roles in areas which promotes gender equality

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	152	4554000
Financial support from government	667	14030000
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: Nil

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

To create Engineers and Managers with necessary skills and values for their career and life.

Mission:

To transform students through a systematic teaching-learning process, providing skill development training, practical exposure and imparting values of life during their period of study.

6.2 Does the Institution has a management Information System

Yes, the institution has a Management Information System

- Accounts and Financial works
- Staff attendance- Biometric system
- Library information System- OPAC
- SMS Facilities
- Daily Absent Report (Students)
- Student records
- Fortnight report system
- Semester Progress system
- Annual report

Apart from the above, all academic and administrative issues are deliberated and discussed in appropriate body / committees. The deliberations are properly minuted and the decisions are implemented in all levels.

All relevant information and activities about the institution are published on the college web site for reference.

e- Study materials, question papers, e-notes are provided to the students through learning management system.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- In an affiliating system there is limited flexibility for innovative curricular designing. However the institution involves in the process of bridging the gap between institution and industry requirement. Team of faculty members having industrial experience are involved to identify the curriculum gap and frame the syllabus for skill development and topics to be taught as content beyond the syllabus.
- All the departments insist the students to opt the elective papers in emerging areas on regular basis as per current and project needs.
- Course comprises of Lectures, Tutorials and Laboratories

6.3.2 Teaching and Learning

The institution is continually reviewed for teaching, learning and assessment for better performance. New ideas are identified for improvement and are implemented. Few of these are listed below

- Implementation of outcome based education
- Academic research
- Guest lectures
- Industrial visit
- Mentoring
- Tutorial classes
- Hands on at laboratories

Apart from the above, the institution implemented the following measures for betterment of Teaching Learning Process

- Problem based learning
- Arrange more campus placement drives
- Motivation for faculty and students research and publications
- Encouraging the students to do mini project in both academic and skill development trainings
- Providing practical experience by way of hands on training, additional lab experiments beyond the syllabus
- Conducting well organized skill development training
- Video lesson, ppt, animation, pictures for explaining theory concepts
- Adopting interactive learning methods, project –based learning, computer assisted learning, seminars, guest lectures.

- Use of teaching aids like OHP, LCD projector in addition to conventional lecture method.
- Interactive sessions are arranged with experts from industries to have a clear idea regarding industry needs.
- Encouraging the learners to ask questions / queries during teaching process in order to clear doubts while grasping the concept.
- Participating and presenting papers in symposium , conferences, projects expo etc., helps to exhibit their talents
- Identifying the slow learners and adopting remedial measures to improve their learning skill.
- Submitting assignments / innovative works in various topics

6.3.3 Examination and Evaluation

All the theory and practical examinations are conducted under the supervision of the Controller of Examinations, Anna University, Chennai. The central valuation is undertaken and results are declared by Anna University, Chennai

Some of the features include:

- Monitoring the performance of students by means of internal assessment , end semester examination and continuous evaluation
- Communication of evaluation method to students by faculty at the beginning of the semester
- Depute one faculty as exam cell coordinator from each department to assist the exam cell activity and regulate the examination process better.
- Detailed answer key is prepared by internal faculty members
- Evaluation of final year project for both UG and PG students is carried out in manner where the students' progress and marks allotted are documented in the project review sheet after each periodic review
- Three evaluation tests are conducted for all skill development trainings. Apart from the tests students application oriented projects are evaluated by the senior faculty members and the marks obtained are recorded.

- Model practical examination is conducted and the evaluation is being carried out by the lab handling faculty members and marks scored by the student are documented
- Declaration of result and conducting arrear examination for arrear students is the responsibility of Anna University.

6.3.4 Research and Development

- All the faculty members and students are encouraged to present and publish the papers in seminar, conference, symposia and journals.
- The entire department takes the different research level work from time to time.
- Consultancy works are undertaken
- Entrepreneurship Development Cell (IEDC) is created to identify and nurture the significant Innovative ideas and projects.
- Students are motivated by their project guides to publish their work in journals
- The college Library has subscribed National/International e-journals in various subjects for all the faculty members and students to update their knowledge.
- Faculty members are continuously motivated by HoD,/ Principal to submit research proposal to various funding agencies like AICTE, TNSCST, CSIR, ICMR, ISRO, ISTE etc.,
- Institution offers financial supports to the faculty for registering their Ph.D in Anna University and also provide Leave with on duty for carrying out their research work

6.3.5 Library, ICT and physical infrastructure / instrumentation

Library:

Library Committee suggests the list of books based on interaction with the students and faculty members. This list is forwarded to the concerned authority for sanction and purchase of books.

ICT Infrastructure:

The ICT facilities provided include;

- LCD projectors,
- Desktops,
- Printers,
- Internet switches,
- UPS,
- Application software and systems software's,
- LED television with audio supports
- Internet connectivity
- Wi-fi Facility

Physical Infrastructure:

AIT has sufficient infrastructure which includes seminar halls equipped with internet, LCD projector with seating capacity of 600, faculty rooms, meeting room, conference hall, class rooms, tutorial rooms, boys and girls common room, laboratories equipped with necessary hardware and software, communication laboratory, library, internet and wi-fi facility, LCDs, playground, basketball court, volley ball court, cricket practising with net facility, upgraded gym facility, musical instruments, dynamic web site and dedicated server for LMS (Learning Management System)

6.3.6 Human Resource Management

- A well-established team manages the Human Resources of the institution. It is the responsible of HR for executing, selection, training, assessment and rewarding of employees.
- Proper care is taken for selecting candidates for appointment.
- Quality enhancement measures like deputing faculty for development programmes in the subject and capacity building domains etc., are undertaken.
- Organize industrial training for faculty members for enhancing their multi-skills.
- Annual assessment of faculty is done through Faculty Self-Appraisal Form for professors, associate professors and assistant professors.
- The Principal of the College is the academic head of the Institution. He looks after the academic activities of the Institution and maintains a cordial relationship with the management and all stakeholders of Higher education.

6.3.7 Faculty and Staff recruitment

The Institution recruits the faculty members based on the guidelines provided by AICTE and Anna University. Adequate numbers of qualified teaching and supporting staff are appointed through open advertisement. The steps are as follows,

- Releasing the advertisement
- Scrutinizing of applications as per the college norms
- Conducting Interview in the presence of External Experts
- Selections of Candidates as per the norms of Staff Selection Committee.

6.3.8 Industry Interaction / Collaboration

The Industry Institute Partnership Cell (IIPC) at AIT is intended to be the face of the institute to the industry.

It strives hard to enhance industry interaction with staff and students and bridge the gap between academia and industry. IIPC invites entrepreneurs, executives and policy makers to address students thereby facilitating practical learning.

The following activities are done by IIPC

- Guest lectures
- Industry visits
- In plant Trainings
- Internships
- Placement sessions
- MoU Signing
- Industrial Projects

6.3.9 Admission of Students

- The admissions of the students are strictly followed as per rules and regulation of AICTE, Government of Tamil Nadu, Directorate of Technical Education and Anna University.
- Admissions are done through University counselling and Consortium counselling for management quota.
- To ensure publicity and transparency in the admission process, a separate admission committee exists.

6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none"> • Transport facility • Medical and Maternity Leave • EPF • Group Insurance
Non-teaching	<ul style="list-style-type: none"> • Transport • Medical and Maternity Leave • EPF • Group Insurance
Students	<ul style="list-style-type: none"> • Merit scholarship based on academic performance • Remission of tuition fee for deserving • Best student award • Government scholarship facilities • Supporting to get bank loan for their education • Group insurance • Subsidized bus fare

6.5 Total corpus fund generated

7,50,000

6.6 Whether annual financial audit has been done

Yes

No

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

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

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes

Yes

No

For PG Programmes

Yes

No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

Institution is affiliated to Anna University, Chennai.
Examination reforms are initiated by Anna University.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

- The Governing body for individual college comprising of representatives from University decide the strategic plan and requirements of the institutions
- Institutions are empowered to recommend syllabus/curriculum changes or changes to the evaluation/assessment methods.
- The Deans/HODs of the institution are permitted to act as members of the Academic Council , the highest decision making body where they can raise their concerns
- Facilitating new courses of study, subject to the required minimum number of hours of instruction, content and standards
- Providing an opportunity to conduct internal examination more innovatively
- Providing academic flexibility to the Institution

6.11 Activities and support from the Alumni Association

- The alumni association has been established
- An alumni meeting is conducted every year
- They regularly interact with the students to create corporate awareness
- Support for projects
- Feedback from the Alumni is being continuously received for academic development and career opportunities for students
- Arranging internships for students through alumni network
- Assist the college in getting placement for the current students
- Be a member of various bodies/committees of the college and contribute to overall development

6.12 Activities and support from the Parent – Teacher Association

- Feedback from parents are collected during Parent-Teachers Meeting
- Class Advisors are in touch with Parents regarding the performance of their ward
- In case of disciplinary problem / Under performance in the internal examinations, the parents are contacted over the phone / letter / sms . Students are counselled along with parents
- Interactions between the parents and the teachers regarding the support & progression of their respective wards in academic & personal aspects
- Parents suggest the ways and means for the development of the college during parents meeting

6.13 Development programmes for support staff

- Faculty members are motivated to attend FDP on their related subjects
- Industrial training for faculty members are arranged for acquiring industrial exposure
- Encourage the faculty to attend the seminar, workshops organized by university and other colleges
- Encourage the faculty to register for research at Anna University and other Universities

6.14 Initiatives taken by the institution to make the campus eco-friendly

Institution itself has taken stringent measures to save the nature and natural resources inside the institution. The measures are as follows:

- Rainwater harvesting
- Planting trees in the campus
- Separate bins are kept in the campus to collect and segregate the carbage
- Phasing out tube-lights and mercury lamps in favour of LEDs
- Minimizing of air conditioner usage
- Recycle and reuse of waste water to plantation
- Promotes solar energy utilization for which the institution has established a 11 kW ON-GRID solar system

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- Payment of fees in instalment for the needy
- Additional MoUs have been established between institute and industry to provide subject related expertise to the students
- Continuous evaluation and up gradation
- Information to parents / Guardian regarding students progression

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

IQAC planned the objectives for current year (2017-18) and its progress was monitored through action taken report from all connected departments. Action taken reports were discussed during meetings and corrections were done appropriately whenever required.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

Title of practice 1: Learning Management System

Title of practice 2: Skill Development Training followed with students completing application oriented projects

**Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness / protection

- Phasing out tube light to LED bulbs
- Planting saplings inside the campus to make it greener
- Banned to use low grade plastics and allied products inside the campus

7.5 Whether environmental audit was conducted?

Yes

No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Strength

Good Infrastructure with latest equipment and instruments and well qualified faculty members

Weakness

Admitted student's with low cut-off

Opportunity

Demand of potential students for employability of students

Threat

Prerequisite criteria of incoming students

8. **Plans of institution for next year**

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

Name _____

Name _____

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

_____*_____*_____*_____

Annexure I


Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme

CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

ANNEXURE II

Industrial Expert Feedback

 **ADITHYA**
INSTITUTE OF TECHNOLOGY
INDUSTRY INTEGRATED INSTITUTION
Coimbatore - 641107

Industrial Expert Suggestions

Name of the Person: **PREMALATHA . B.**

Name of the Organization: **VIRTUSA POLARIS**

Mail id: **Premalatha.B@PolarisFT.com.**

1. What is the cutting edge technology to which the industry is moving forward?
DIGITAL & AUTOMATION.
2. Please list the technologies that can be offered as a value added course in order to bridge the gap between the industry and the curriculum.
**CURRENTLY EMERGING TECHNOLOGY
- TESTING [NILEG SKILLS]**
3. What is the level of communication skills that is expected from students?
EASY & FREE INTERACTION.
4. What are the interpersonal skills that are highly expected by the industry?
**POSITIVE ATTITUDE (with smile icon) &
EFFECTIVE COMMUNICATION.**
5. What is the level of analytical skills required by the industry?
**ANALYSING SELF
EFFECTIVE PROBLEM SOLVING.**
6. Other Suggestions:
NA

B. Premalatha
Signature of the Expert

Gift →

Industrial Expert Suggestions

Name of the Person: DR. K. NATESAN

Name of the Organization: SATHI GROUP

Mail id: knatesan@sathifinance.com

1. What is the cutting edge technology to which the industry is moving forward?

Automation in all fronts to reduce human intervention and enhance quality

2. Please list the technologies that can be offered as a value added course in order to bridge the gap between the industry and the curriculum.

- * Application of various advanced tools
- * Innovative & emerging concepts/practices

3. What is the level of communication skills that is expected from students?

Ability to speak out irrespective of correctness / incorrect.
Confidence to face any challenge


4. What are the interpersonal skills that are highly expected by the industry?

Working with teams
Relation building skill

5. What is the level of analytical skills required by the industry?

now a days not so much. But ability to use tools on analytics

6. Other Suggestions:


Signature of the Expert

Industrial Expert Suggestions

Name of the Person: Aravind J
Name of the Organization: IT Boyz Inc
Mail id: aravind@itboyzinc.com

1. What is the cutting edge technology to which the industry is moving forward?

Cloud computing, CRM, ERP & mobile Technology.

2. Please list the technologies that can be offered as a value added course in order to bridge the gap between the industry and the curriculum.

Same as above

3. What is the level of communication skills that is expected from students?

Moderate level at the beginning and expecting to improve.

4. What are the interpersonal skills that are highly expected by the industry?

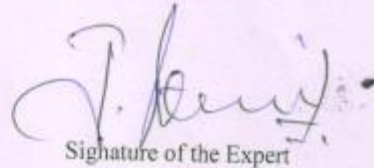
Attitude, Problem Solving & lateral thinking.

5. What is the level of analytical skills required by the industry?

7/10


6. Other Suggestions:

Will update when I come for the next visit.


Signature of the Expert

ANNEXURE III

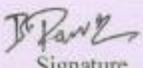
Alumni Feedback


Coimbatore - 641107

Alumni Suggestions

Name of the Alumni: Pavithran, B
Department: Mechanical
Name of the Organization: Rheinwald - University of Applied Sciences
Mail id: Pavithran.lakshmi@gmail.com
Contact Number: +49 - 179 3471791

- List the technologies that can be offered as a value added course in order to bridge the gap between the industry and the curriculum.
 - 3D- Printing. (Coding & design)
 - Machine Learning (Automation)
 - MATLAB. (For Mechanical engineers)
- Suggestions related to Employability Skills Training.
 - Make the student confident enough to speak in front of big crowd.
- Areas to be improved in the institution:
 - Extra-curricular courses (Technical)
 - Language training.
- Other Suggestions related to students welfare:
 - Students with good motives should get more info about the state-of-the-art technologies.


Signature

Alumni Suggestions

Name of the Alumni: *Jeswin Sinoe Stephen*

Department: *MBA*

Name of the Organization: *Amazon*

Mail id: *jesu 797@gmail.com*

Contact Number: *9544725224*

1. List the technologies that can be offered as a value added course in order to bridge the gap between the industry and the curriculum.

Give various training depending on the interest of the students.

2. Suggestions related to Employability Skills Training.

- * *Updated current affairs knowledge to the students should be provided*
- * *Give more practical knowledge.*

3. Areas to be improved in the institution:

Programms that will improve the General knowledge and current affairs knowledge of the students.

4. Other Suggestions related to students welfare:

Reduce theoretical classes and introduce Programms that give offers a industrial exposure to the students.


Signature

Coimbatore - 641107

Alumni Suggestions

Name of the Alumni: *Jeswin Shroo Stephen*

Department: *MBA*

Name of the Organization: *Amagon*

Mail id: *jesu 797@gmail.com*

Contact Number: *9544725224*

1. List the technologies that can be offered as a value added course in order to bridge the gap between the industry and the curriculum.

Give various training depending on the interest of the students.

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3. Areas to be improved in the institution:

Programms that will improve the General knowledge and current affairs knowledge of the students.

4. Other Suggestions related to students welfare:

Reduce theoretical classes and introduce Programms that give offers a industrial exposure to the students.

ANNEXURE IV

Review meeting

Minutes of HoDs, Deputy Wardens, Librarian and Physical Director Meeting Held on 09-04-2018

Agenda:

- | | | |
|-----------------------------------|---------------------------------|---------------------|
| 1. General discipline, AY 2018-19 | 2. Hostel rules and regulations | 3. Games OD |
| 4. Stock verification | 5. Faculty discipline | 6. Any other matter |

Members Present:

- | | | | |
|----------------------|----------------------|--------------------------|------------------|
| 1. DR.S.Muthu | 5. Mr.DV.Ravikumar | 9. Mr.M.Pandian | 13. Mr.M.Muniraj |
| 2. Mr.D.Loganathan | 6. Dr.K.Senthilkumar | 10. Mr.G.Ranganathan | 14. Ms.Harini |
| 3. Mr.R.Sagayavivian | 7. Dr.V.Manikandan | 11. Mr.S.Saravanakumar | 15. Ms.R. Viji |
| 4. Dr.Rajendran | 8. Dr.N.Gokilamani | 12. Mr.M.K.Sathish Kumar | |

The Following are the points discussed:

I. General Discipline:

- It is suggested that strict implementation of dress code, usage of mobile inside the class room and late comers to the class. In this regard all faculty members are requested to follow the instructions of HoDs strictly from the academic year 2018-2019
- It is suggested that one and half hour time is followed for the internal assessment test I and II provided daily two tests are planned.
- Different color coding in the students ID card is suggested for easy identification and monitoring.
- Faculty members are requested to avoid seminar presentation by the students (only 10% of the syllabus is to be given as a seminar by the students and prior approval by the HoD is requested).
- Tutorial classes to be conducted in a more effective manner.
- Any event is planned/organized by the department or administration must be informed well in advance (at least 10 working days) to the CEO, Principal and HoDs in order to obtain formal approval from the Chairman and conducting the programmes in a better and systematic manner.

II. Hostel rules and regulations:

- It is suggested to modify the hostel rules and regulations for better administrative purpose. In this regard, hostel Dy. Wardens are requested to modify the existing rules and regulations for further approval by the Chairman.

III. Games OD:

- a. Physical Director is requested to obtain prior permission (at least 10 working days in advance) for the students to take part in sports activities. Last minute request for permitting the students to the events should be avoided.

IV. Stock Verification:

- a. **Library:** Stock verification for the library will be conducted from 16-04-2018 to 19-04-2018. The Details of the faculty members to carry out the same and to co-ordinate with Librarian are enclosed.
- b. **Laboratories:** The Stock verification for the various laboratories will be carried out from 23-04-2018 to 05-05-2018. In this regard all Lab In-charges are requested to co-operate with the stock verifying faculty members (List enclosed) to complete the same in time. Conveners are requested to submit the report on or before 09-05-2018.
- c. The Stock Verification for **General Maintenance** related accessories including furniture will be conducted from 23-04-2018 to 05-05-2018 by a team of faculty members (list enclosed) and Conveners are requested to submit the report on or before 09-05-2018.

V. Faculty discipline:

- a. Faculty members should attend the class with complete preparation of the subject they are handling.
- b. Proper dress code should be followed whenever they are available in the campus.
- c. Their presence is must for the activities conducted either by the department or administration.
- d. Maximum utilization of the period with proper delivery of subject contents in the class room.
- e. Effective conduct of class committee and Tutor ward meetings with prior approval and submission of feedback to the Head of institution.
- f. Prior approval is mandatory for availing on-duty leave.

VI. Any other Matter:

- a. The co-curricular and extracurricular activities (department association meetings, programmes, Technical symposium, NSS, YRC etc.,) should be planned and conducted in a well-organized manner.
- b. It is decided to prepare R & D bulletin (Format will be circulated) and AQAR on or before 18.05.2018 and in this regard, the faculty members are requested to cooperate with the HOD to complete the same in time.
