YEARLY STATUS REPORT - 2021-2022

Part A
Data of the Institution

1.Name of the Institution	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT
• Name of the Head of the institution	Prof. V.V. Nageswara Rao
• Designation	Director
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	08945245666
• Alternate phone No.	9247858288
• Mobile No. (Principal)	9440121465
• Registered e-mail ID (Principal)	asr4769@gmail.com
• Address	K. Kotturu
• City/Town	Tekkali
• State/UT	Andhra Pradesh
• Pin Code	532201
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	22/05/2013
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**Dr. Ch. Ramesh**
• Phone No.	**08945245666**
• Mobile No:	**9247858288**
• IQAC e-mail ID	**iqac@adityatekkali.edu.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	**https://www.adityatekkali.edu.in/iqac/aqar_report-2020-21.pdf**
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	**https://adityatekkali.edu.in/academiccalendars.php**

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B**	**2.44**	**2011**	**16/09/2011**	**15/09/2016**
Cycle 2	**A+**	**3.30**	**2019**	**01/04/2019**	**31/03/2024**

6.Date of Establishment of IQAC	**12/12/2011**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Institution	**PARAMARSH**	**UGC**	**27/11/2019**	**2968000**

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	View File	

9.No. of IQAC meetings held during the year	**3**

• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	**Yes**

• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	

10.Did IQAC receive funding from any funding agency to support its activities during the year?	**No**
• If yes, mention the amount	

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

Use of ICT in teaching • Significant improvement in College Automation • Measures initiated to make the campus 'Plastic Free' • Project exhibitions • Academic audit

12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
Encourage students to Develop innovative projects using seed fund provided by the college management	**• Electric golf cart is solely manufactured and assembled in the production technology lab of the department by the students under the guidance of faculty mentor. • Two innovative projects namely Eco-brick and Bio-digester have been developed by students and participated in various project-expo and were rewarded.**
To improve research output in the form of quality publications, patents produced by scholars and faculty with doctorates	**Several faculty members completed and submitted PhD thesis's in their respective registered universities. • Fifteen quality papers have been published at a level SCI, Scopus and UGC. • Faculty members submitted research proposals to UGC, DST, AICTE etc. • Four**

	patents have been published by the faculty of the department
Institute has planned student online certifications in their interested areas and areas/courses which are part of their academic curriculum. Also to Utilise the current industrial trends and motivate the final year UG students to learn and get trained on latest software technologies to grab job opportunities.	• Campus placements of final year passed out students in 2021-22 drastically increased. • Students are rewarded for their time management methods in clearing proctored enabled tests and finding good ways to be even better to keep their spirit high and to grow their confidence levels. • 70 students completed python foundation certification offered by Infosys spring board • 30 students completed Fundamentals of C Programming Language offered by Infosys spring board • 25 students completed data base management system certification offered by Infosys spring board • 30 students completed java certification offered by Infosys spring board • Few students completed certification on block chain technology, no sql data bases, S/w engineering and agile software development, Introduction to machine learning, Practical HTML and CSS, HTML5,SQL etc.

13.Was the AQAR placed before the statutory body?	Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
BOG	02/02/2022

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2021-22	16/07/2022

15. Multidisciplinary / interdisciplinary

Multidisciplinary/interdisciplinary education is an approach, to learn at how different disciplines can interact and overlap with each other to create a comprehensive understanding of a subject. At AITAM(Autonomous), the curriculum is designed enough to inculcate multidisciplinary education. Apart from the regular credit courses, students have mandatory, non credit courses like Constitution of India, Environmental studies, and Human Values; and also interdisciplinary elective credit courses. Nearly 30 different value added course are offered beyond the curriculum, Seminars/ workshops/ training programs are also conducted for students regularly by experts in multiple disciplines enabling the integration of humanities and science.

Moreover for the award of B. Tech degree with Honors/Minor courses, Minor degree is with additional 20 credits, shall be earned by taking the inter-disciplinary courses offered preferably from the new emerging areas by other departments. These additional courses offered by the program may change from time to time based on the demand and resources availability. By providing students, exposure to multiple disciplines, help them understand their chosen field better and also develop an appreciation for diverse knowledge systems and become more well-rounded citizens.

16. Academic bank of credits (ABC):

The UGC released the regulations for establishment and operation of ABC scheme in HEIs as part of the National Education Policy (NEP). The ABC will function like a commercial bank where students can accumulate, transfer, redeem their credits. The JNTU University has initiated towards creating awareness on academic bank of credits. The institution has not registered under ABC. We have decided to roll out this in a phased manner. We will have to make a roadmap for the next few years. Credits for each discipline are different and hence we need to chalk out a detailed plan on how it will be implemented.

17. Skill development:

AITAM, possess skill development cell, namely, APSSDC, Andhra Pradesh state Skill Development Cooperation, that trains the Students in offline mode on productivity enhancement tools, AutoCAD, cloud computing, advanced python, embedded systems basics and advanced and many other skill oriented workshops are conducted to enrich and enhance the student's skills. Additionally, soft skills training are provided under the guidance of Placement Cell; English Communication Skills are developed with the help of laboratory courses. Other technical skills like Internet of Things and Robotics, App Development Course, Python and R Programming, Artificial Intelligence and Machine Learning, etc are developed either in the form of a training program, workshop, competitions, etc by the departments as well as Students activity centre(SAC). Skill oriented Value-added courses are offered in online and offline mode. So, in order to provide value based education, the institution provides courses and conducts events on professional skills, life-skills also.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

In view of intellectual enlightenment, it is necessary to incorporate Indian Knowledge Systems. This includes indigenous and traditional ways of learning, included in learning of mathematics, engineering, linguistics, literature, sports, games, as well as in yoga. The institute commemorates Hindi Divas, Mother tongue day, Tourism Day, Yoga Day and festivals like Sankranti, Holi, Dasahara, Christmas, etc as an act of reverence towards Indian culture. The promotion of Indian languages, arts and traditions is also facilitated through competitions organized during the annual fest, competitions such as essay writing, poetry, folk song, folk dance and skit, which encourage students to stay connected with the rich Indian culture. Under Ek bharat shreshtha bharat, a student exchange program initiated by Indian government, our young generation acquired information on Indian culture, like visit to Amritsar group of colleges, Warangal and nearby heritage sites. To promote Hindi language, different type of word games are organised.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

In AITAM, the IQAC organized a number of multiple FDPs on Outcome based Education (OBE) in collaboration with various premier Industries Institutes like NITTTRs, NIT Raipur, etc. All faculty of AITAM have got trained in OBE. AITAM being autonomous, all courses are designed under OBE paradigm with Program Outcomes (PO), Program Specific Outcomes (PSO) and Course Outcomes (CO) specified. The integration of OBE in curriculum has been introduced in 2013. During

the induction program, students are given an orientation on Outcome Based Education paradigm; Program Outcomes are explained to the students. The curriculum clearly states Program Outcomes, Program Specific Outcomes and Course Outcomes. Teaching-learning pedagogy adapted at the institute ensures implementation of OBE to transform the youth into responsible citizens.

The outcomes have been articulated in the college website. Every faculty explains the course outcomes (COs) of each course before the commencement of the same. The integration of OBE with Internal and External Question Papers was introduced in 2013 and was a notable initiative for preparation of OBE in line with bloom's taxonomy.

20.Distance education/online education:

In the modern era, the online educational technology has gained popularity. Online education allows students to attend classes from any location of their choice, instead of being restricted by geographical boundaries. AITAM also introduced the process of acquiring credits by taking MOOCs /NPTEL courses. Online education was the only platform during the pandemic, when the students were taught online, got exposed to virtual labs, online exams were conducted using Google forms, etc; using the digital tools such as Moodle, Google Tools, Online Whiteboards, YouTube to develop and deliver e-content, short videos, interactive power point presentations and other online content. With offline classes being pursued at present, the faculty and students at the institute are looking forward towards blended learning as it integrates the learning experience with a humane aspect. Therefore, the students can gain from the benefit of online teaching along with face-to-face interaction with tutor and fellow pupils. Learning material are provided on college student portal. Students as well as faculty are also encouraged to engage in courses offered by online portals such as Swayam, Coursera etc. to widen their sphere of knowledge and understanding and sharpen their skills. The college is an active Local Chapter of NPTEL courses.

Extended Profile

1.Programme

1.1   **13**

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.Student

2.1   **3913**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2   **861**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.3   **3897**

Number of students who appeared for the examinations conducted
by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.Academic

3.1   **851**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.2   **234**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	13

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 Total number of students during the year:	3913

File Description	Documents
Institutional data in Prescribed format	View File

2.2 Number of outgoing / final year students during the year:	861

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	3897

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 Number of courses in all programmes during the year:	851

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 Number of full-time teachers during the year:	**234**

File Description	Documents
Institutional Data in Prescribed Format	<u>View File</u>

3.3 Number of sanctioned posts for the year:	**234**

4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**639**
4.2 Total number of Classrooms and Seminar halls	**76**
4.3 Total number of computers on campus for academic purposes	**1180**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**1340.35**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Aditya Institute of technology and management programmes are formulated and structured to provide a solid basis in Humanities, Sciences, Engineering, Technology & Management by focusing and orienting on trans disciplinary and comprehensive learning. At the present juncture our college imparts education in major branches of Engineering such as, Civil, Mechanical, Electrical, Electronics, Computer science, Information Technology along with

Management vertical. Humanities, Maths and basic sciences are supporting studies.

As per Autonomous institutions regulations, major revision of the curriculum takes place at every three years in the light of regulatory requirements, industry/Institutional requirements and to incorporate the swift transitions/transformations across the societal, regional, national and global echelon. Our institute offers 13 programmes. Big Data, AI, Machine Learning, VLSI Design are some of the unique programmes offered by various Departments. PG programs (M.Tech) offered by Departments of core engineering and Technology are nurturing human resource in interdisciplinary domain. The institution has adopted OBE with good number of electives as well as POs/PSOs/COs designed for all programs and are published on the web site as well as placed in the respective department and the awareness has been created among the students.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://adityatekkali.edu.in/Files/AQAR/2021-22/1.1.1%20-a.pdf

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

12

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

386

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	**No File Uploaded**
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

101

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

13

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

Our Institution integrates Cross-cutting issues of the society

like Moral Values, Human Values, Professional Ethics, Gender Equality, Environmental Awareness, which are inseparable part of our curriculum.

Twenty one days Induction programme related to values and ethics is an integral part of the curriculum of the first year. The "Human values" made a compulsory course for the students as an important part of Curriculum. Students will be able to understand the importance of ethics and values in their personal, social & professional life after studying these courses. Community Internship added in their curriculum to create a conscious the responsible role after being graduated. The college is an active member of NCC and NSS.

The college has Women Grievance Cell and Grievance Redressal Cell to provide counseling to students, promote gender equity among students and also deal with related issues of safety and security of female students, staff and faculty.

The course "Renewable Energy source" is an integral part of the curriculum of the Third year. The basic aim of this subject is to make the students aware about the importance of ecosystem to human life. The College has an integrated rain

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

39

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

3729

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

715

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	**A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	https://adityatekkali.edu.in/Files/AQAR/2021-22/1.4.1%20-b.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	**No File Uploaded**

1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://adityatekkali.edu.in/Files/AQAR/2021-22/1.4.2.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1034

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

562

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Soon after the final phase of admissions, a general test including basics in Quantitative Aptitude, Reasoning, Physics, Mathematics and English Language is administered on students in every department to assess the learning levels among the students. Based on the assessment, every department conducts bridge course for the

first year, lateral entry and late admitted students for 15 days.

Then classes start as per syllabus and academic calendar. After three months of class work, First Midterm Exams are administered on students and based on the performance of the students in Mid examination, students are classified as slow learners (who get< 40% marks) and advanced learners according to the marks obtained. Accordingly, the slow learners are counselled by faculty about the hardships faced in the subject concerned and additional learning assignments given and thereby remedial classes are conducted regularlyby the subject experts beyond working hours.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://adityatekkali.edu.in/Files/AQAR/2021-22/2.2.1 a.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2022	**3913**	**234**

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

The following student centric methods are being are used for enhancing learning quality

Guest Lecture Methodinvitesexpertsfrom IIT, NIT, and Universities in particular subject to give exposure to students with recent trends and its applications.

Project Based Learningsupplements practicality in various subjects for all the courses througheffective phases of survey, case study, implementation, testing and report writing.

Experimental Learningfosterslearning environment throughexperimentation, demonstration, visual aids, industrial visits and exhibitions.

Student Seminar ismade mandatory in all programs offered at the institute on contemporary topics.

Summer Internship Project in theindustry during the summer break is made mandatory from R16 Regulations for all B.Tech programmes.

Case Study Analysis and Discussionprovide students gaining skills incritical thinking, communication, and group dynamics.

Group Discussion Methodenables all Engineering Students to be nurtured in Group Discussions, Gamifications and Group Projects.

Problem Solving Methodology is used throughTutorial classes, Latest Technologies and Case study which focuses equally on both Active and Reflectivelearning styles.

Information and Communication Technology (ICT) Enabled Teaching methodsare provided with Wi-Fi facility, virtual classrooms, Digital Library, Online Courses,journals and tests, LCD projectors, educationalvideos and training facility

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	https://adityatekkali.edu.in/Files/AQAR/2021-22/2.3.1_a.pdf

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

In line with one of the mission statements of the institution 'To impart quality education in Technology and Management with an IT-enabled environment', the class room ambience and the teaching learning process are technologically enabled with the use of ICT tools and services for effectiveness.

ICT resources and services that are being deployed:

1. In -house customized digital learning platform with static learning resources, and video courses to supplement the

   classroom delivery.
   2. NPTEL courses and access to Swayam portal with an intention of providing flipped classroom environment.
   3. Online classes, guest lectures and expert talks through various video conferencing applications
   4. Virtual laboratory class with the support from Amrita University
   5. Usage of Byte XL, an online coding platform for computer programming laboratories
   6. Digital Library for 24X7 access to online books, journals, magazines and other learning resources through DELNET,IEEE, ASME,ASCE and Analyst (UGC)
   7. Wi-Fi enabled campus with 410MBPS bandwidth
   8. Roof mounted LCD projectors, interactive projectors and interactive classrooms

Additionally, other technology interventions are also deployed for Campus management system (Admissions, Classrooms, and Assessment), Examination management system, Biometric attendance system and IT support system for the maintenance of the teaching- learning resources

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://adityatekkali.edu.in/Files/AQAR/2021-22/2.3.2-a.pdf
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

232

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The design of curriculum of the technical education programs is an important parameter of the governing agencies like technical education boards, universities etc., In general, the curriculum is framed by bringing together the building blocks like core subjects, co-curricular courses & extra-curricular courses.

In order to implement the designed curriculum at all levels of technical education programs, a perfect methodology in terms of teaching plan is needed and a feasible academic calendar is also to be in place. Keeping the importance of these aspects, the institution is designing and implementing a suitable academic calendar is formulated by the academic council of the institution.

As per the academic calendar, each faculty member is supposed to prepare a teaching plan for the effective delivery of the course content to the students. The class work is under complete scanner of the Dean-Academic and Principal of the institution. Also, the remedial measures are beingsuggested for the on time coverage of the syllabi of various courses to keep upthespiritof the academic calendar.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	[View File](#)

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

234

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	[View File](#)
List of the faculty members authenticated by the Head of HEI	[View File](#)
Any additional information	[View File](#)

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

79

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

2019

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

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

9

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

110

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Reforms

Positive Impacts

Four Sets of question papers for each course

- **Confidentiality in the question paper**

Appointment of senior faculty members as observers.

- **Strict vigilance and minimize possibilities of unfair means by the students**

Random Seating arrangements

- **Maintains confidentiality and minimize scope for malpractice**

Invigilator and students ratio is 1:18

- **Easy monitoring and better control.**

Inclusion of CCTV cameras

- **No entry of un-authorized persons and continuous monitoring**

Establishment of Spot evaluation center

- **Declaration of results within the stipulated time. Confidentiality and custody of answer scripts are ensured.**

Inclusion of security features in grade

Cards including QR Code

  o **No chance of manipulation**

Inclusion of OMR booklet with barcode

  o **Accurate Data processing**

Complete Automation of Examination Management System

  o **Considerable improvement in the speed, reliability, efficiency, security, transparency, confidentiality and accuracy in the e process of the examination.**

Decentralization of internal examinations

  o **Better supervision & control**

Online Verification of genuineness of student

  o **Genuineness of student verification made easy and quick**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://adityatekkali.edu.in/Files/AQAR/2021-22/2.5.3_a.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

Response:

The Course Outcomes are mapped with the Program Outcomes which are aligned with the Blooms Taxonomy Levels (BTLs). Thus, Course Outcomes contribute to the realization of the Program Outcomes.

The Course Outcomes are identified basing on the content of the courses and the learning objectives. Generally each course has 5-6 Course Outcomes defined. The Course Outcomes are planned and designed so as to cover the entire syllabus and the designated

competencies.

While administering examinations, care is taken to ensure that learners attempt all outcomes. The internal tests are planned at the end of every competency designated to the identified course outcomes.

Mechanism of Communication:

Course handouts are prepared well in advance containing syllabus, list of identified text books, learning objectives, course outcomes, lesson plan schedule, etc. The course instructors are apprised and trained in the content of the syllabus and the expected outcomes.

The expected course outcomes along with assessment and evaluation pattern are also explained to the students. The same is explained by the instructors in the introductory session at the commencement of the course.

A few hard copies of the course handouts are made available in the central library and are made available in the website.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	[View File](#)
Upload any additional information	[View File](#)
Link for additional Information	https://adityatekkali.edu.in/Files/AQAR/2021-22/2.6.1-b.pdf

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Program Outcome & Program Specific Outcome

- Direct Assessment: For all theory and Lab courses, COs are level mapped to every PO and PSO relevantly. For every course, the PO attainment is calculated as weighted average of the product of CO-attainment-value and level-mapping of CO-PO. Overall PO value is calculated as the average of all

PO values obtained from the courses.

- Indirect Assessment: Feedback Survey (Exit Feedback Alumni Survey Employer Survey): The surveys are taken at the end of every semester to give their valuable opinion on the performance and understanding. Co-curricular and Extra-curricular activities are conducted to inculcate PO6 to PO11. The participation ratio is taken as the assessment parameter for these POs.

CO Assessment Procedure:

The tools for assessing COs are Mid-Exams, Assignments, Objective Test and Semester-End Exams.

Each question in these exams is mapped to a specific CO. The marks obtained are scaled to 25, 10, 5, 60 marks respectively.

Finally, CO-wise class-average is taken as the cutoff for that CO and the number of students with their final mark above the cutoff value is considered for rating the CO attainment on 3-scale.

>= 55% is 3

45%-55% is 2,

40%-45% is 1,

<40% is 0.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://adityatekkali.edu.in/Files/AQAR/2021-22/2.6.2%20a.pdf

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

861

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://adityatekkali.edu.in/Files/AQAR/2021-22/2.6.3_C.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

https://adityatekkali.edu.in/Files/AQAR/2021-22/SSS-Report-2021-22.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

AITAM has a Research and Development cell that facilitates and monitors research activities. The total R&D activities are categorised into Academic, Sponsored, Extramural research activities, Consultancy & Innovations, Incubations, Entrepreneur development, Patents, IPRs and Copy rights

Each research area is monitored by a Doctorate / Professor In charge who report the progress and prospectus to Dean R&D. The R&D cell is headed by the Director. The R&D cell takes all strategic decisions, updating policies and makes corrective actions as per the Institution norms.

The College has fixed that at least two articles to be published by every faculty in Web of science/ Scopus indexed/ UGC care List-1 journals. The college has made it mandatory to the entire faculty to review articles, create Google scholar, Researcher ID with publon, Orcid ID and update as well as verify Scopus and Web of Sciences data base for published articles time to time.

The college has made it mandatory to all Engineering, MBA and BS&H Departments to plan at least two FDPs (Preferably One Week) and

One International Conference in a calendar Year, in association with other departments. The College provides monetary benefits to encourage the faculty for promotion of research in the Institute.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	[View File](#)
Provide URL of policy document on promotion of research uploaded on the website	https://www.adityatekkali.edu.in/Files/RD/Research%20Promotion%20Policy%202021-22_11zon.pdf
Any additional information	[View File](#)

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

4.82

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	[View File](#)
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	[View File](#)
List of teachers receiving grant and details of grant received	[View File](#)
Any additional information	[View File](#)

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

4

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

18.568

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

03

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	https://adityatekkali.edu.in/Files/AQAR/2021-22/3.2.2_b.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

41

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

2

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://adityatekkali.edu.in/externalfunding.php
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

Endowed with adequate infrastructure, resources, labs, students' and faculty interest,Entrepreneurship Development Cell (EDC) was established in 2007 andorganized six Awareness Camps. Later AITAM signed MoU with Centre for Entrepreneurship Development,Hyderabad in 2009. AICTE sanctioned 8 lakhs for EDC in 2010. Later EDC became a nodal centre for entrepreneurship in the region which organized 42 activities of entrepreneurship on Women, Rural, Social and Techno-Entrepreneurship, Training of Trainers and one Month programme on foodprocessing in Association with MSMEDI, and ALEAP, Hyderabad. The Ministry of MSME listed AITAM as one of the Business Incubation Centers in 2014. Till date, 10 innovative ideas were incubated and five of them started production along with two in the pipeline.

AITAM Incubation Centre (AIC) was developed stage wise based on Govt. of India, Govt. of Andhra Pradesh guidelines to support Rural Technology, Innovative products and services for the underserved area of North Coastal Andhra Pradesh.

AIC provides services like Work space Limited period, Common Facilities, Speedy commercialization of research, Prototyping & Product Development, Business planning and Training, Small Businessand Startups development, Financial Consultants and Funding, Statutory approvals, Mentoring and Marketing Assistance

AIC implemented Ideas day successfully under the supervision of Chief Coordinator.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://adityatekkali.edu.in/Files/AQAR/2021-22/3.3.1 a.pdf

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

20

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

31

File Description	Documents
URL to the research page on HEI website	https://www.adityatekkali.edu.in/Files/RD/3.4.2.1_c.pdf
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

82

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

31

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://adityatekkali.edu.in/Files/AQAR/2021-22/3.4.4_b.pdf

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

816

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

23

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

40.72

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	No File Uploaded
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

AITAM NSS unit is very active in community service whenever they need. During post COVID-19, we have carried out number of activities in the neighbourhood sensitising students to social issues for their holistic development. AITAM NSS unit organized awareness among the masses about the conservation of natural resources, special camps in villages and Blood donation camps. The impact of corona virus pandemic has been largely disruptive in terms of economic activity as well asa loss of human lives, we have organized COVID vaccination drives. Blood donation camps were conducted in our campus to create awareness among the students about the value of blood donation and importance of vaccination.

Career Guidance cell organized career awareness programs in 06 different degree/ PG colleges. EBSB cell organized various Government programs in schools.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://adityatekkali.edu.in/Files/AQAR/2021-22/3.6.1_b.pdf

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

4

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
Any additional information	[View File](#)

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

28

File Description	Documents
Reports of the events organized	[View File](#)
Any additional information	[View File](#)

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

3287

File Description	Documents
Reports of the events	[View File](#)
Any additional information	[View File](#)

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

555

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

08

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

AITAM has all necessary infrastructure facilities as per AICTE and UGC Norms. The campus has SIX Blocks named as A,B,C,D,E and F in which all the departments are housed with TWO Drawing halls and R&D Labs. Well-furnished and updated FOUR Workshops are provided in the college. Besides, it has a Canteen, Well equipped Gym, Cricket ground, Volleyball court, Handball Court, Foot Ball court and Open area for other Sports & Games, Car & Bike Parking facilities, Three Boys Hostels, Two Girls Hostels and a Clinic.

AITAM has student support facilities such as Student Activity Centre (SAC), Career Guidance Cell, Training & Placement Cell,

Entrepreneurship Development Cell, Business Incubation Centre, AP Skill Development Centre, Industry Institute Interaction Cell and Hobby Clubs.

The planning, development, management and maintenance of physical, academic and support facilities such as laboratory, library, sports, computers, classrooms etc., are being monitored by Dean (Administration & planning) assisted by Estate Manager and Maintenance Staff. Schedules are prepared for breaking down maintenance and preventive maintenance as per Warranty and Guarantee Cards of the particular supplier

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://adityatekkali.edu.in/Files/AQAR/2021-22/4.1.1 a.pdf

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

4.1.2 The institution has adequate facilities for cultural activities, yoga, games (indoor, outdoor) and sports. (gymnasium, yoga centre, auditorium, etc.)

Apart from academics, the institution is also very much keen in building physical and mental health of the students for holistic development. The physical fitness and health of the students is ensured through regular sports and games while the mental health is sustained by Cultural, Yoga and Meditation sessions. Regular Yoga and Meditation sessions are conducted for the interested students through trained internal faculty members and Guest speakers.

The indoor and outdoor sports facilities include air-conditioned Aerobics Centre, courts for Shuttle Badminton, Basketball, Ball Badminton, Throw ball and Volleyball, grounds for Football, Kho-Kho, Cricket (2 with cricket nets), cricket ground and Bowling Machines with auto feeder (two), a Long Jump pit. The following are infrastructure a facility available in the institution to promote various activates as follows.

S. No.	Facilities	Area (Sq.M)	Establishment year	User rate/day
1	Opera House	2250	2019	20
2	Yoga & Meditation Cente	2000	2019	5
3	Student Activity Center (SAC)	2200	2015	50
4	Gymnasium	300		

2006-07

80

5

Indoor Sports

36,255

2005-06

25

6

Outdoor Sports

300

2005-06

100

File Description	Documents
Geotagged pictures	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional information	https://adityatekkali.edu.in/Files/AQAR/2021-22/4.1.2b.pdf

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

76

File Description	Documents
Upload any additional information	[View File](#)
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

226.66

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Data Requirement Provide a description of the library with

Sl No

Name of the ILMS software

Nature of automation

Version

Year of Automation

1

BEES ERP Campus Software .Hyderabad.

Fully with Barcode Technology .

5.0

2004

AITAM Library is well equipped with reference books, textbooks, journals, periodicals and newspapers etc. Library is situated in B block. There are two transaction counters for the users . In library we followed or adopted D.D.C. classification system and

books arrangement in standing order system. The Central library has two floor air- conditioned building with seating capacity of 270. AITAM Central Library has collection of 52932 volumes with 10920 titles of various subjects. The Digital Library has 30 computers and subscribed several e-resources which includes e-book and e- journals. We Subscribed IEEE, ASME,ASCE, Proquest , DELNET, NDL , N-List. We are maintaining separate server for NPTEL courses. Working hours of AITAM Library 8.00 am to 9.00pm. Transaction hours of the library 9.00am to 5.00 pm in working days. In Sunday and other holidays working hours of library 9.00 am to 1.00 pm and in vacation library opens from 9.00am to 5.00pm

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://adityatekkali.edu.in/Files/AQAR/2021-22/4.2.1-a.pdf

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	[View File](#)
Upload any additional information	[View File](#)

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

14.173

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

230

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

Consecutive up gradation arrangements are incorporated into yearly spending plan. The exercises have been arranged in a manner that, the IT framework and related offices are dependably keeping pace with best in class innovation.

Amount spent for procurement, up gradation, deployment and maintenance of the computers and their accessories in the institution during last five years:

Academic Year

2021-22

2020-21

2019-20

2018-19

2017-18

2016-17

Provision in the Annual Budget

60,00,000.00

7000000-00

7500000-00

5000000-00

5700000-00

9000000-00

Computers

3713324.15

5331788-00

4262850-00

3388243-00

4319265-00

7818890-00

Internet

1021880.62

571772-00

1141918-00

1122499-00

1058422-00

System Admin Lab Maintenance

1029787.00

710644-00

1791332-00

75966-00

276250-00

Total Amount Spent

5764991.77

6614204-00

7196100-00

4586708-00

5653937-00

LICENSED SOFTWARES: WINDOWS-8,10 2012 SERVER TINA PRO VHDL ARCADE PSpice 16.6 Xilinx 12.2 MAT Lab R14A SPSS LAB VIEW MATLAB Industrial Automation Pispice FEGA ORACLE 12 TURBO C2 Ansys Seamens Automation Studio Modorob Solid Meterial MTAB CNC CATIA Staad Pro Arc GIS WALDEN SEES(AICTE) KVAN SYMANTEC ANTIVIRUS BEES BET Tally ERP COSEC Biomatric TOTAL SERVERS : 8 TOTAL NODES : 1401

Updation of Wi-Fi Facilities:

A.Y.

Bandwidth of leased line connection

ISP

Total Band

2021-22

655 Mbps Leased Line

VainaviIndustries-400

655 Mbps

RelianceJio-155

CITY Online-30

PVCFibernet-70

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://adityatekkali.edu.in/Files/AQAR/2021-22/4.3.1 a.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3913	**1180**

File Description	Documents
Upload any additional information	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	**A. ?50 Mbps**

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	[View File](#)

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	**A. All four of the above**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://adityatekkali.edu.in/Files/AQAR/2021-22/4.3.4.pdf
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

1113.9

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

There is an established systems and procedures given below to be followed by each Department.

1. Any minor or major repair/ problem is to be complained in written duly signed by the concerned HoD including Library to Dean (Administration & Planning).

2. Dean forwards the issue to the Estate Manager for an action torectify if it is a minor.

3. If it is a major problem, estimated cost is prepared and submitted to Director duly signed byEstate Manager with a copy to Dean.

4. As per Director's decision, the problem will be solved within a week.

5. Finally feedback on work satisfaction by maintenance staff along with the date & time will be filed and updated from time to time.

6. There is a Committee which conducts meeting once in three months and discusses breakdown and preventive maintenance issues and suggests accordingly.

A separate computer maintenance team handles the departmental requirements. An exclusive department with one in charge, 06 hardware engineers functions to cater to the needs of day to-day computer maintenance. After yearly stock verification, books will be added as per requirement based on the students' feedback and HoD's recommendations.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://adityatekkali.edu.in/Files/AQAR/2021-22/4.4.2_a.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

2379

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	[View File](#)

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

707

File Description	Documents
Upload any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology	A. All of the above

File Description	Documents
Link to Institutional website	https://adityatekkali.edu.in/Files/AQAR/2021-22/5.1.3.c.pdf
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

3049

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

589

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

15

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

09

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

13

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

AITAM has following committees with adequate student representation.

1. Anti-Ragging & Disciplinary Committee is actively performed by all senior students byhelping juniors in allotting the rooms, explaining the environment and campus facilities, involving in food sub- committee, Library books, etc.
2. Library Committee represented by students from all branches meet once every quarter to discuss the availability of books, periodicals, journals and procurement of new titles.
3. Hostel Committeesseparately for Boys and Girlsmonitor certain issues like food quality and menu, water and sanitation and initiate remedial actions by weekly meetings.
4. The transport committee including student representatives meets once in a quarter to sort out the grievances like adequacy of seating, timings, providing additional stops, etc.
5. Board of Studies associated with alumni nominees meet once every semester where alumni provides the inputson syllabus extensions, topics' relevancy, need of new topics, etc.
6. Extra-Curricular Activities Committeewith students' representationonce in a quarter, discusses about facilities, tournaments, scheduling of practice, coachingetc.
7. Women Development Committee (Anti Sexual Harassment

Committee) including student representatives meet once in quarter and take up all activities related to women development and solves ragging, sexual abuse andharassment issues.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://adityatekkali.edu.in/Files/AQAR/2021-22/5.3.2 a.pdf

5.3.3 - Number of sports and cultural events / competitions organised by the institution

15

File Description	Documents
Report of the event	[View File](#)
List of sports and cultural events / competitions organised per year	[View File](#)
Upload any additional information	[View File](#)

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

An Alumni Association is a cozy nest of reminiscences of past passions and fashions, of fury and merry moments, of bovine and grown deeds. It is a rich resource for not only in house students but also the ones who have settled in various fields. Alumni bridge the gap between past and present, connect the academia and industry. Alumni association is a platform for alumni and prospective alumni, enabling them to forge contacts, maintain relations, acquire knowledge and exchange experience. We have a total of 10225 alumni registered in our web portal. The plant of AITAM germinated in the year 2001 and has grown into a big tree. The students who have breathed its air thought that the time has come to inaugurate AITAM Alumni CHAPTERS in Hyderabad, Bangalore & Visakhapatnam with its old golden students as members. And now the alumni of AITAM think of their Alma Mater and they feel: "the time has come to show gratitude and shower gratuity on Alma Mater (AITAM). Let's join hand in hand to spread the glory of AITAM, to

raise the flag of victory so high."

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://adityatekkali.edu.in/Files/AQAR/2021-22/5.4.1A.pdf

5.4.2 - Alumni's financial contribution during the year	**C. 5 Lakhs - 10 Lakhs**

File Description	Documents
Upload any additional information	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Vision

To evolve into a premier engineering institute in the country by continuously enhancing the range of our competencies, expanding the gamut of our activities and extending the frontiers of our operations.

Mission

Synergizing knowledge, technology and human resource, we impart the best quality education in Technology and Management. In the process, we make education more objective so that the efficiency for employability increases on a continued basis

In order to achieve the above vision and mission, the governance, perspective plans and participation of the teachers in the decision-making bodies of the institution are established and organised effectively.

AITAM has its own Board of Governors (BoG) as per UGC guidelines and composition. BoG empowered Director, AITAM to take decisions & constituted various committees as and when required on its behalf. Functioning of these committees led to transparent, congenial,

fair and participative based on mutual trust. The structure of governance at AITAM facilitates transparency in Hierarchy, decision making and implementation of programmes, policies and procedures.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://adityatekkali.edu.in/Files/AQAR/2021-22/6.1.1 a.pdf

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The blend of top to bottom and bottom to top approaches established in the institution reflects the effective leadership in all academic activities. A good number of best practices are implemented with efficacious decentralization and participative management.

The decentralised system along with participative management is evident at administration through delegating authority mechanism which enables autonomy at various operational and managerial levels and achieves effective functionality. Various committee meetings are periodically reviewed by the Heads of the institution and department to ensure the compliance. The key tasks at the institution level are segregated as independent departmental responsibilities assigned to the in charges who are nominated to accomplish independently avoiding the conflict of interest. The departments working independently are Academic administration, Examination center, Research and consultancy, Career Development Center, Faculty Development and Student development center which align with management's strategic directions.

Research activities through decentralised process is administered by Dean (R&D) and Research Coordinators who conduct reviews and training programs to strengthen the research profiles of faculty and students independently through paper presentations, publications, patents, projects etc. This gives a clear scenario of academic governance and R&D department working parallel with decentralization in line with the institutional interest.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://adityatekkali.edu.in/Files/AQAR/2021-22/6.1.2_a.pdf

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

To facilitate continued excellence and leadership in our mission, this Strategic Plan has been developed as a guide envisioning our future priorities.

AITAM Strategic Planning Committee (ASPC) was constituted with key Institute leaders and faculty which prepared a strategy document with a vision, mission, goals and action items. The planning process started with a brainstorming session by a team of faculty, meetings with students, discussions in department faculty meetings and alumni. The participants were grouped to complete a SWOT analysis on the state-of-art of AITAM and developed ideas on the major goals, objectives and strategies. Suggestions and feedbacks were invited from Parents, Faculty, Staff, Students, Alumni and Industry. The recommendations from all stakeholders were consolidated as six major goals. Subcommittees reviewed the objectives and strategies and completed the draft plan. Finally, the draft plan was presented to the AITAM BoG members, Director, Principal, all HoDs, Professors and Faculty for feedback for fine-tuning. After incorporating suggestions and feedback, the Strategic Plan has been finalized.

The activity of NBA Tier-I accreditation for all branches of Engineering has been achieved through the effective implementation of strategic goals of Technology upgrade, Research and Consultancy, Innovation and Entrepreneurship, Faculty Retention, Quality education, and Administration.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://adityatekkali.edu.in/Files/AQAR/2021-22/6.2.1_a.pdf
Upload any additional information	View File

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

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Functions of the Governing Body:

1.Take policy decisions for the institutional development.

2.Form, supervise and guide various committees

3.Institute Scholarships, Fellowships, studentships, medals,
prizes and certificates

4.Recruit teaching faculty/ principal

5.Approve annual budget of the college and expenditure from time
to time.

6.Approve new programmes related to degrees and/or diplomas.

Functions of the Academic Council:

1.Scrutinize and approve the proposals of courses of study,
academic regulations, curricula, syllabi, instructional and
evaluation arrangements, methods, procedures relevant thereto etc.

2.Make regulations regarding the admission of students

3.Recommend to Governing Body the proposals of new programmes,
Institute Scholarships, Fellowships, studentships, medals, prizes
and certificates for the award.

Functions of Board of Studies:

1.Prepare syllabi for various courses and suggest methodologies
for innovative teaching and evaluation techniques
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2.Suggest panel of names to the Academic Council for appointment of examiners;

4.Coordinate research, teaching, extension and other academic activities

Functions of the Finance Committee:

Acts as an advisory body to the Governing Body, to consider budget estimates relating to the grant received/receivable from various funding agencies, and income from fees, etc. collected for the activities to undertake the scheme of autonomy.

File Description	Documents
Paste link to Organogram on the institution webpage	https://adityatekkali.edu.in/downloads/organisation-chart.pdf
Upload any additional information	View File
Paste link for additional Information	https://adityatekkali.edu.in/Files/AQAR/2021-22/6.2.2-b.pdf

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	**A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

All the regular staff members are covered under employees provident fund scheme. Institute is providing employee staff

insurance, concession on transport for all staff members and subsidiary fare in canteen and hostel facilities.

Academic leaves, Study leave is granted to faculty members to pursue higher education and for attending conferences/ workshops, to ensure and encourage the faculty in Qualification up gradation.

Institute is providing financial support to faculty in registration fees, DA/TA for attending International conferences/paper presentations/ workshops at aboard and in India. Institute is also providing incentives for Academic, Sponsored, Research & Consultancy, Innovations, Incubations & Patents. Supporting for Bank loans and salary advances to the staff as and when required.

Short term training programmes are arranged every year to non – teaching staff for up gradation of their knowledge. Institute is providing financial support for medical purpose and granting medical leaves for staff members and maternity leave for female employees with half-pay salary.

In the event of death of an employee in service, his/her dependant will be considered for employment on compassionate grounds, depending upon the merit of the case, limited to the cadre Junior Assistant. Uniform is provided at free of cost to the class – IV employees.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://adityatekkali.edu.in/Files/AQAR/2021-22/6.3.1_a.pdf

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

162

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

19

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

169

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Periodic audit is done and the audited report is presented to the Governing body quarterly for review. Last audit was done in 2021-22 and had no objections. Regular academic audit is done in the form of affiliations. Inspection is done by JNTUVizianagaram,the affiliation authority. The institution being a private unaided college, the accounts of the college are audited

by the external qualified Chartered Accountant every year. The last audit was done for the financial year ending of 2020-21 and there is no audit in pending.

The Accounts and procedures of internal control of finance are carried out by Head of the accounts team on a day to day basis and annual audit is done by the statutory auditor. The audit of accounts and submission of Income tax returns are carried out each year.

There are no audit objections since the institution follows a good system of internal controls like calling quotation, comparison of rates, purchase order preparation as well as approvals at every stage of implementation through verification of goods and services after delivery or completion of works. No expenses are incurred without proper sanctioning by the Head of the institution or HoDs of various departments.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://adityatekkali.edu.in/Files/AQAR/2021-22/Audit-stm-%202021-22.pdf

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	No File Uploaded
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

AITAM strategies for mobilizing funds are as follows:

1. Increasing Tuition fee with the approval of Fee Regulation Committee, Govt. of Andhra Pradesh.

2. Increasing external funding from AICTE, DST, UGC, etc. sponsored Research projects.

3. Extending Training & Consultancy activities to all Departments.

4. Industry Sponsored Researches& Projects.

5.Bank loans

Strategic initiatives taken for resource- mobilization:

1.Consultancy activitiesare extended to all departments.

2.Industry Institute Interaction Cell interacts with industries, research organizations and government agencies for obtaining consultancy and sponsored projects.

3.Building relationships with private and public professionals to attract resources and enhance consultations.

4.Alumni Association contributes to the developmental activities in innovations and start-ups.

5.Focussing on Government research, consultancy, and training activities.

Optimal utilization of funds is ensured through the following:

1.Budget for effective teaching-learning practices

2. Adequate funds for Faculty & Staff development.

3. Exclusive funds for R& D activities and Training & Placement activities.

4. Budget utilization to meet operational expenses and maintenance of fixed assets.

5. Effective utilisation of external grantsby procuring suitable equipment for projects. .

7. Utilisation of funds for infrastructure development.

8. Funds allocation for social service activities as a part of social responsibility.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://adityatekkali.edu.in/Files/AQAR/2021-22/Audit-stm-%202021-22.pdf

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Practice 1 Academic Research: Various measures were taken by the institute under IQAC for enhancing the research activities. These include motivation, sponsoring for FDPs, incentives for quality publications, sponsoring for regular Ph.D and support for PhD activities by means of financial terms / leaves etc., has ensured a visible increase in various outcomes. The No of PhDs was increased from 71 to 79. Total No of Publications in Scopus increased from 76 to 113 and total No of Publications in Web of Science increased from 8 to 52. No of teachers who have attended FDPs increased from 144 to 169

Practice 2: Mentoring System

The IQAC, through its quality initiatives, measures the mentoring system and is currently an ongoing process. Under the mentoring system each faculty is assigned a specific number of students. The mentor maintains the records of allotted students until the mentee leaves the college. The IQAC has set up the student-mentor monitoring committee to monitor the mentoring system on the campus. The counselling period is also available to the students in their timetable. The progress of the students is intimated to their parents as and when required

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://adityatekkali.edu.in/Files/AQAR/2021-22/6.5.1-a.pdf

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Initiatives related to Teaching & Learning Process: To meet the action in-line with the changing expectations of the students towards outcome based learning environment, globalization and rapid pace of technological change, the IQAC at institution level initiated and monitor the following teaching – learning processes to create rich engaging experience to the students and faculty.

Initiatives related to Instructional Methods and Pedagogy: IQAC conducted various meetings with representative course coordinators of all programs and review and refined a set of innovative teaching-learning methods which will be followed in class work to gratify the requirements of OBE.

In each laboratory session, students are supposed to undergo hands on experimentation, viva, and record work. Students are continuously assessed based on day-to-day performance, viva and record work. Each experiment is equally weighted to award lab marks. The learning outcomes are evaluated initially at course level and then evaluated at program level. Thus, the IQAC regularly reviews the initiatives identified to evaluate the attainments of all learning outcomes at various levels.

The IQAC team after many deliberations designed methodologies for calculating attainment of COs, POs & PSOs which is presented in the additional information in the assessment manual. The IQAC Team Continuously Monitor the attainment levels of Cos, POs/PSOs and also reviews and refine bench marks accordingly.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://adityatekkali.edu.in/Files/AQAR/2021-22/6.5.2-a.pdf

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state,	A. Any 4 or all of the above

national or international agencies (such as ISO Certification)	

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.adityatekkali.edu.in/annualreport/Annual%20Report-2022.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Aditya Institution of Technology and Management institute encourages gender equity and sensitization by conducting co-curricular and extra-curricular activities like seminars, workshops, sports, National Service Scheme, cultural club, counselling etc. Awareness programs on Cyber security, human rights, Laws & Acts and safety & security of women employees and students are organized regularly. The institute constituted various committees like Women Development Committee, Anti Ragging Committee and Anti sexual harassment committee for the welfare of women staff and students. The institution has been organising many technical, medical, cultural and social events for the well being of women and for gender equality in the society is presented through the College students associated with NSS, and Students Activity Centre. All the students are provided with equal opportunities irrespective of gender, language, religion, national or social origin, or other status. The institution carries its own unique work environment and good culture has led to increase in enrolment of female students year by year.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	https://adityatekkali.edu.in/Files/AQAR/2021-22/7.1.11.-b.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	[View File]()
Any other relevant information	[View File]()

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

In spite of the institutions substantial growth, the college has undertaken several steps to move towards becoming environmentally sensitive and a more sustainable. Campus has occupied by lush green, clean and enriched with Oxygen. The campus is fortunate enough with regard to its location, where the air pollution is negligible. Though, as a responsible institution understands the importance of its carbon footprint and developed a plan to reduce GHG emissions in all its activities. The effort of the institution in water usage and management is good and no unnecessary water wastage is noticed in the campus. To prevent wastage, push button taps are installed in most of the places of common usage. Moreover campus has adequate bore wells and is self-reliant in its water requirement. The waste management is in order with the installation of dust bins in the campus premises at regular intervals and also in every floor at each block for effective management. Daily cleaning is carried out and most of the non-biodegradable waste is lifted by the agency. It is noteworthy that the Campus has adopted an environmentally sound practice of converting biodegradable waste into a useful resource through digging adequate composting pits below the ground.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus — A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

A. Any 4 or All of the above

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	[View File](#)
Certification by the auditing agency	[View File](#)
Certificates of the awards received	**No File Uploaded**
Any other relevant information	[View File](#)

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	**No File Uploaded**
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

AITAM provides and encourages certain events and activities that creates an inclusive environment with certain activities that sensitize cultural, regional, linguistic, communal, socio-economic elements through imparting artistic values in students, celebrating regional festivals, inviting philosophical speeches by eminent personalities, celebrating women's day and yoga day, and celebrating regional festivals.

On 8th March the Women's day is celebrated to empower women empowerment among the women. On this special occasion, RANGOLI competition is conducted and prizes are distributed for the girls. The Chief guest of the programme makes her speech on women's role in uplifting the society. There is aninteraction with the Chief guest on the problems faced by the women in the present society.

The international Yoga day is organized in the college campus on 21st June. Students are trained with different yoga- asana and mentored under the supervision of a resource person who reiterates the importance of Yoga to keep body healthy in the stressful day to day lifestyle.

Festivals such as Sankranthi, Ganesh Chathurdhi, Dussara, Christmas etc. are conducted by the students and faculty. Cultural activities such as BharathaNaatyam, Kathakali and folk dances are performed by the students on this occasion.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

As a part of a tradition, AITAM feels pleasure in celebrating National festivals like Independence Day, Republic day Teachers day, Engineers day etc.

The Independence Day and Republic day is celebrated every year in the college campus. After flag hoisting, the chief guest and other invitees give speeches. Plants are being planted by our HonourableChairman to make the campus green. Different competitions are conducted and prizes are distributed on these occasions.

September 5th is observed as Teacher's day. The chief guest of this programme delivers his speech on value-based education and the role being played by the teacher. On this occasion, the management felicitates the members of the faculty who are awarded PhD degrees..

Engineer's day is celebrated on the occasion of birthday anniversary of Sir MokshagundemVisveswaraya whose statue is decorated with garlands and flowers. The chief guest of the programme isfelicitated by the college management and NSS Volunteers. The chief guest delivers his speech on the importance of engineers for the growth and development of the country.

National unity day is celebrated on the birthday anniversary of SardarVallabhai Patel who is known as Indian Iron man of India

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

| **7.1.10 - The institution has a prescribed code** | A. All of the above |

of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

File Description	Documents
Code of Ethics - policy document	[View File]()
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	[View File]()
Any other relevant information	**No File Uploaded**

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The College inculcates tolerance, communal harmony and inclusivity among the students and staff bycelebrating the following national and international commemorative days, events and festivals. AITAM NSS unit organized the online quiz on Tokyo Olympics, World nature conservation day, 75th Independence day,Teacher's day, Engineer's day was celebrated on the occasion of Sir Mokshagundam Visveswaraya (Sir MV)'s birthday., NSS foundation day, Fit India freedom run 2.0, Gandhi Jayanthi(2nd October) every year in the fond memory of our father of nation M.K.Gandhiji. , Pollution Control Day, Tree Plantation Programme, Patriotic day to pay tribute to Veterans of India who spent their life in protecting the nation along with martyrs who sacrificed their life for Indian soil., Republic Day, Women's Day (8 March) is celebrated by organizing programs on gender equality and justice, and Yoga camps during the year. We have organized one month yoga camp practice sessions for B.Tech Second year students One week for each branch evening from 3-4 pm. . From April 11th-16th for CSE/IT/ECE students, From April 18th-23rd for Mechanical students, From April 25th-30th for EEE students and From May 02nd-07th for Civil

students with a trained Yoga Guru Sri. Gedela Chandrasekhar Reddy garu from Tekkali .

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

https://www.adityatekkali.edu.in/Files/AQAR/2021-22/7.2.1_a.pdf

File Description	Documents
Best practices in the Institutional website	https://www.adityatekkali.edu.in/Files/AQAR/2021-22/7.2.1_a.pdf
Any other relevant information	https://www.adityatekkali.edu.in/Files/AQAR/2021-22/7.2.1_a.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

The gap between industry and academia, especially in professional education has led to the poor employability of professional graduates. The institution has as its primary vision and objective, defined its mandate to provide high-quality education tailored to the needs of students in the emerging technology age. Since autonomy status acquired in 2013, AITAM has been actively building curriculum and pedagogy approaches to bridge this gap. AITAM conduct bridge courses in basic sciences for 1st year students with an attempt to bring in relevant programme-wise examples application of basic sciences. The curricula that have been developed comprehensively by the concerned faculty members, attempts to integrate industry practices into academic settings to give student's exposure to real –life scenario in classroom and

laboratory sessions. The autonomous curriculum also offers major and minor elective streams in upcoming area of technology such as Data science, Artificial Intelligence and Machine Learning, Internet of things, Electric vehicles, Robotics, Smart cities etc. Besides, elective course on management concepts using case- based approach was also introduced to give students the exposure to leadership careers. The major curriculum development initiatives help the faculty members to build competencies among students through a combination of curriculum, pedagogy approaches and evaluation methodologies.

File Description	Documents
Appropriate link in the institutional website	https://www.adityatekkali.edu.in/downloads/7.3.1_a.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

• Acquiring MoUs with best companies for better placements with higher packages to gain the increased average package. • Endeavoring to achieve good placement in NIRF ranking through increasing overall academic and research performance. • Encouraging faculty towards Patent publications and community service by allocating more funds in the form of incentives • Motivating engineering students to become entrepreneurs through materializing the innovative ideas • Obtaining all resources and possibilities to establish Industry Incubation Centre. • Constructing exclusive buildings for Alumni, Placement and Training and Library with all requirements and facilities. • Establishing extra sections for the emerging courses such as Artificial Intelligence and Machine Learning, as well as introducing new courses like Data Science. • Constructing a Tennis court in the campus with good amenities.