

#### YEARLY STATUS REPORT - 2022-2023

#### Part A

#### **Data of the Institution**

1.Name of the Institution Aditya College of Engineering &

technology

• Name of the Head of the institution Dr Dola Sanjay S

• Designation Principal

• Does the institution function from its own Yes

campus?

• Phone no./Alternate phone no. 9000276662

• Mobile no 9701037149

• Registered e-mail principal@acet.ac.in

• Alternate e-mail office@acet.ac.in

• Address ADB Road Aditya Nagar Surampalem

• City/Town Surampalem

• State/UT Andhra Pradesh

• Pin Code 533437

2.Institutional status

• Affiliated / Constituent Affiliated

• Type of Institution Co-education

• Location Rural

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• Financial Status

Self-financing

• Name of the Affiliating University JNTU K

• Name of the IQAC Coordinator Dr. Ch. V. Raghavendran

• Phone No.

• Alternate phone No. 9440674553

• Mobile 9440510644

• IQAC e-mail address dean\_iqac@acet.ac.in

• Alternate Email address raghavendran.chv@acet.ac.in

3. Website address (Web link of the AQAR (Previous Academic Year)

https://acet.ac.in/?p=internalcel l&category=&committeename=Interna l%20Quality%20Assurance%20Cell#ta

<u>b7</u>

4. Whether Academic Calendar prepared during the year?

Yes

• if yes, whether it is uploaded in the Institutional website Web link:

http://www.acet.ac.in/?p=examinat
ion&category=&committeename=Exami
nation%20Committee#tab6

#### 5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	A+	3.4	2022	19/07/2022	18/07/2027

#### 6.Date of Establishment of IQAC

15/11/2015

### 7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Dertment /Faculty	*	Funding Agency	Year of award with duration	Amount
Nil	Nil	Nil	Nil	Nil

Yes

#### 8. Whether composition of IQAC as per latest

**NAAC** guidelines

• Upload latest notification of formation of <u>View File</u>

**IQAC** 

#### 9.No. of IQAC meetings held during the year 2

- Were the minutes of IQAC meeting(s) and ves compliance to the decisions have been uploaded on the institutional website?
- If No, please upload the minutes of the meeting(s) and Action Taken Report

No File Uploaded

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

• If yes, mention the amount

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

No

### 12.Plan of action chalked out by the IQAC in 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	
Nil	Nil	

### 13. Whether the AQAR was placed before statutory body?

No

• Name of the statutory body

Name	Date of meeting(s)	
Nil	Nil	

#### 14. Whether institutional data submitted to AISHE

Part A					
Data of the	Data of the Institution				
1.Name of the Institution	Aditya College of Engineering & technology				
Name of the Head of the institution	Dr Dola Sanjay S				
Designation	Principal				
Does the institution function from its own campus?	Yes				
Phone no./Alternate phone no.	9000276662				
Mobile no	9701037149				
Registered e-mail	principal@acet.ac.in				
Alternate e-mail	office@acet.ac.in				
• Address	ADB Road Aditya Nagar Surampalem				
• City/Town	Surampalem				
• State/UT	Andhra Pradesh				
• Pin Code	533437				
2.Institutional status					
Affiliated /Constituent	Affiliated				
• Type of Institution	Co-education				
• Location	Rural				
• Financial Status	Self-financing				
Name of the Affiliating University	JNTU K				
Name of the IQAC Coordinator	Dr. Ch. V. Raghavendran				

Phone No.								
Alternate phone No.				9440674553				
• Mobile				9440510644				
• IQAC e-1	mail address			dean_i	qac@a	acet.a	c.in	
Alternate Email address				raghav	endra	an.chv	@acet	.ac.in
3.Website address (Web link of the AQAR (Previous Academic Year)			https://acet.ac.in/?p=internalce ll&category=&committeename=Inter nal%20Quality%20Assurance%20Cell #tab7					
4.Whether Acad during the year		r prepa	red	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:			http://www.acet.ac.in/?p=examina tion&category=&committeename=Exa mination%20Committee#tab6					
5.Accreditation	Details							
Cycle	Grade	CGPA		Year of Accredit	ation	Validity	from	Validity to
Cycle 2	A+	3.4		2022	2	19/07	/202	18/07/202
6.Date of Estable 7.Provide the list UGC/CSIR/DB	st of funds by C	entral .			nt	.,		
Institutional/De artment /Faculty	^	Funding		8 1		of award duration	A	mount
Nil	Nil	Ni		Nil		Nil		Nil
8.Whether composition of IQAC as per latest NAAC guidelines			Yes			·		
Upload latest notification of formation of IQAC			View File	2				
9.No. of IQAC meetings held during the year			2					
• Were the minutes of IQAC meeting(s)			Yes					

and compliance to the decisions have been uploaded on the institutional website?				
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded			
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No			
• If yes, mention the amount				
11. Significant contributions made by IQAC du	uring the current year (maximum five bullets)			
12.Plan of action chalked out by the IQAC in to Quality Enhancement and the outcome achiev				
Plan of Action	Achievements/Outcomes			
Nil	Nil			
13. Whether the AQAR was placed before statutory body?	No			
Name of the statutory body				
Name	Date of meeting(s)			
Nil	Nil			
14.Whether institutional data submitted to AISHE				
Year	Date of Submission			
Nil	Nil			
15.Multidisciplinary / interdisciplinary				
Core Engineering students are trained well in an exclusive facility called T-Hub multidisciplinary topics to become placement-ready.				
16.Academic bank of credits (ABC):				

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We have taken up this initiative recently. All our students and faculty are registered.

#### 17.Skill development:

Students are trained on various skill oriented courses in collaboration with ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION (APSSDC).

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

As per the University guidelines, we deliver lectures only through English medium.

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

Various awareness programmes on OBE are conducted to sensitize the faculty in line with NEP 2020.

#### 20.Distance education/online education:

NA

Extended Profile				
1.Programme				
1.1		632		
Number of courses offered by the institution across all programs during the year				
File Description	Documents			
Data Template		View File		
2.Student				
2.1		3555		
Number of students during the year				
File Description	Documents			

Institutional Data in Prescribed Format	<u>View File</u>	
2.2	353	
Number of seats earmarked for reserved category State Govt. rule during the year	as per GOI/	

File Description	Documents			
Data Template	<u>View File</u>			
2.3	856			
Number of outgoing/ final year students during the	ne year			
File Description	Documents			
Data Template	<u>View File</u>			
3.Academic				
3.1	183			
Number of full time teachers during the year				
File Description	Documents			
Data Template	<u>View File</u>			
3.2	183			
Number of sanctioned posts during the year				
File Description	Documents			
Data Template	<u>View File</u>			
4.Institution				
4.1	97			
Total number of Classrooms and Seminar halls				
4.2	100			
Total expenditure excluding salary during the year (INR in lakhs)				
4.3	1054			
Total number of computers on campus for acaden	nic purposes			
Part B				
CURRICULAR ASPECTS				
1.1 - Curricular Planning and Implementation				

### 1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The curriculum is delivered and documented in a well-thought-out manner at Aditya College of Engineering & Technology (ACET), which is associated with Jawaharlal Nehru Technological University Kakinada (JNTUK). The academic calendar events are meticulously implemented by the institute, which adheres to a Continuous Internal Evaluation (CIE) process. A variety of teaching strategies and evaluation instruments are used, such as in-person instruction, PowerPoint presentations, online learning, electronic media engagement, proctoring, and conversations. A variety of evaluation tools are used in the CIE, including quizzes, examinations, assignments, midterm exams, lab work, student projects, fieldwork, seminars, and presentations. ACET provides value-added courses, diploma programmes, and targeted skill development efforts to improve university curricula. To ensure that it is in line with its goals, the institute regularly solicits opinions and advice from stakeholders.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Link for Additional information	Nil

### 1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

#### Projects

For student projects within the specified curriculum, Aditya College of Engineering & Technology follows the rules established by Jawaharlal Nehru Technological University Kakinada. With an average of four students per batch, the project batches are assigned based on the students' maximum credits and CGPA. The procedure is overseen by a project review committee, which is headed by the department head and consists of senior faculty members. There are three internal reviews: the first two are designed to help students become more proficient presenters and with project documentation. The students' project presentations are assessed in the final internal review, and grades are given appropriately. The university appoints external reviewers, who are given set dates to complete the external reviews of the projects.

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#### Course File

Jawaharlal Nehru Technological University Kakinada's curriculum is in line with that offered by Aditya College of Engineering & Technology. Every semester in the B.Tech programme, the college creates a comprehensive lesson plan with precise objectives and outcomes to guarantee efficient course delivery. The college also offers remedial lectures, tests, and projects that are specifically created to help and enhance the comprehension of students who might need extra help. These actions are intended to improve students' overall understanding and educational experience.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

B. Any 3 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<u>View File</u>
Any additional information	No File Uploaded

#### 1.2 - Academic Flexibility

### 1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

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#### 1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

14

File Description	Documents
Any additional information	<u>View File</u>
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	<u>View File</u>

#### 1.2.2 - Number of Add on /Certificate programs offered during the year

### 1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

24

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	<u>View File</u>
List of Add on /Certificate programs (Data Template )	<u>View File</u>

### 1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

1436

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	<u>View File</u>

#### 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Aditya College of Engineering & Technology complies with the rules established by Jawaharlal Nehru Technological University,

Kakinada, with whom it is connected. Every department thoroughly examines any updates or modifications that the university mandates in order to decide whether to include them in the curriculum. A combination of lectures, tutorials, and practical hours are used to enhance the delivery of knowledge to the students while accounting for the credit weightage provided to each course as part of the credit-based system. In order to provide a well-rounded education, the college also arranges its course offerings to cover subjects like gender, sustainability, professional ethics, and human values.

File Description	Documents
Any additional information	<u>View File</u>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<u>View File</u>

### 1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

14

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	<u>View File</u>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	<u>View File</u>

#### 1.3.3 - Number of students undertaking project work/field work/ internships

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work//internships (Data Template)	<u>View File</u>

#### 1.4 - Feedback System

# 1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://www.acet.ac.in/ACET/AQAR/1/pdf.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<u>View File</u>
Any additional information	<u>View File</u>

### **1.4.2 - Feedback process of the Institution** may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	<u>View File</u>
URL for feedback report	https://www.acet.ac.in/ACET/AQAR/1/pdf.pdf

#### TEACHING-LEARNING AND EVALUATION

#### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment Number Number of students admitted during the year

#### 2.1.1.1 - Number of students admitted during the year

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<u>View File</u>

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

#### 2.1.2.1 - Number of actual students admitted from the reserved categories during the year

323

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	<u>View File</u>

#### 2.2 - Catering to Student Diversity

### 2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The Institute attracts students from diverse backgrounds through the admission process defined by the State Government of Andhra Pradesh. The institute has designed and arranged an induction programinvolving administrative and senior faculty. College also provides the bridge course for the freshers, who are from different academic backgrounds to fill the gap in their academics Students are exposed to student-centered learning experiences, including academic rules and regulations, curriculum design and structure, teaching-learning methodologies, and formative and summative assessment patterns etc. They are also well-informed about outcome-based education.

The college has a well-established counseling/proctoring system. Students are assigned to faculty members who act as proctors/counselors. Counselors continuously track these students and keep their parents up to date on their progress. The class teacher also keeps focus on the academic performance of the students and identifies the students who perform badly in their academics. Counselors engage with such students and help them by assisting with assignment completion and arranging remedial classes for them.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<u>View File</u>

#### 2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
3555	183

File Description	Documents
Any additional information	No File Uploaded

#### 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 Institution has made a continuous effort to transpose from the traditional teacher-centric approach to a student-centric one. The teachers act as a stimulant and students play a spirited role in the learning process. The following learning methods are designed to fulfill the need of the students.

Experimental Learning: The faculty members promote learning through enticing the learners in wealthy content of coaching through experience, demonstration, assignment improvement, and student seminar presentation. The experiential studying practices to magnify the creativity and analytical levels of the students with add-on courses on the latest technologies.

Participatory Learning: The college organizes an inter-institutional technical event VEDA every year for engineering students, where technical presentations on various diverse topics and a few selected projects are displayed on the larger platform. Additionally, the institute encourages students to publish papers in conferences and journals to give them exposure to learn and gain new capabilities.

Problem Solving Methods:Departments encourage students to collect and develop problem-solving skills. For this, the college organizes expert lectures on numerous topics, motivate college students to join MOOC courses, participate in diverse intercollege

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#### and intra-college technical fests.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	Nil

### 2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The Information and Communication Technology (ICT) enabledcoaching methodologies and superior technology are being accompanied by the faculty to the lecture rooms as well as to the laboratories. All the classrooms and a fewlaboratories are equipped with ICT tools like projectors, audio-visuals, and high speed internet/Wi-fi on the campus. Internet access is given to all staff, students, administrative office, and library which improves network and communication on the campus. Digital library is having computers with internet facility. It is an open-access to staff and students to E-assets likeworld e-book Library, memberships like DELNET, Library e-journals from N-List, J-Gate, ebooks of McGraw Hil & Pearson are used by the faculty. The institute is a Wi-Fi-enabled campus. The college has an LMS portal and access is given to every student, where faculty upload ally attendance, internal, external marks, etc.

Different ICT tools used by the institution are:

- Projectors
- Desktops
- Laptops
- Printers and Scanners Photocopier machines SmartBoard
- Seminar hall
- Online class through Microsoft Teams Digital Library
- Video Lectures
- Online Learning resources Digital library resources Google quiz
- MOOCS
- Multimedia Projectors Computers
- Digital Content Laptop/Desktop WiFi
- LAN connected system
- Online/off-line videos Microsoft Teams for online class teaching / Meetings

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<u>View File</u>

### 2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )

#### 2.3.3.1 - Number of mentors

182

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<u>View File</u>
Circulars pertaining to assigning mentors to mentees	<u>View File</u>
Mentor/mentee ratio	<u>View File</u>

#### 2.4 - Teacher Profile and Quality

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

183

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<u>View File</u>
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	<u>View File</u>

- 2.4.2 Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)
- 2.4.2.1 Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

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#### 34

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	<u>View File</u>

### 2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

#### 2.4.3.1 - Total experience of full-time teachers

6

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<u>View File</u>

#### 2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

As an affiliated institution, we are strictly adhering to JNTUK university norms and conditions for internal evaluation. Based on the University academic schedule, each faculty prepares the internal examination and the assignments considering the entire coverage of the COs and also the taxonomy as appropriate. While preparing the assignment questions, faculty will try to cover all the possible taxonomies to the maximum extent.

- Two Mid Examinations are conducted for students as per university norms in each semester
- Final Mid marks = (Best of (Mid-1/Mid-2) marks x 0.8 + Least of (Mid-1/Mid-2) marks x 0.2)
- Each faculty prepares the scheme of evaluation and evaluates the student answer scripts as per the scheme.
- For assessment of seminars, summer internships, and projects, the faculty coordinator prepares a schedule of

- presentations of students in slots in consultation with the HOD and is communicated to students.
- Students present their work or report to the coordinator and evaluate on the basis of various parameters set by the respective coordinator.
- For assessment of laboratory course, an internal practical viva is conducted by a respective faculty member at the end of the course.

File Description	Documents
Any additional information	<u>View File</u>
Link for additional information	Nil

### 2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

Based on the University JNTUK academic schedule, internal examinations are conducted. For conducting the internal assessment tests, a department committee is constituted for the smooth conduction of internal examinations.

- Two internal assessment tests Mid-1 & Mid-2 are conducted in each semester.
- The evaluated internal answer scripts are distributed among the students in the classroom, if there are any corrections will be rectified immediately by the faculty.
- Internal examination results are displayed on the notice board.
- If any discrepancy is found in the submitted marks, it will be brought to the notice of the University within one week from the submission.
- Any grievances related to university question paperare addressed to the superintendent of examinations and the same reported is to the university immediately through the controller of examinations.
- University decision or information after resolving the grievances/correction in the question paper is intimated If a student has any grievances related to the evaluation of the semester-end exam answer scripts, the student can apply for revaluation/recounting/challenge evaluation.
- University declarethe result of revaluation/recounting/challenge evaluation after completing the process on the university website.

The assessment of the student's performance in each course will be based on internal evaluation and semester-end examination

File Description	Documents
Any additional information	<u>View File</u>
Link for additional information	Nil

#### 2.6 - Student Performance and Learning Outcomes

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

The Institution puts emphasis on Outcome Based Education which offers what is anticipated from the student after they finish their course. In this context, Program Specific Outcomes (PSOs), Program Outcomes (POs), and Course Outcomes (COs) are developed and are communicated to the stakeholders of the program by the following procedures.

POs and PSOs are framed by the faculty members under the supervision course coordinator. All courses of the all programmes have well-defined COs, the CO-PO mapping is done accordingly.

POs and PSOs along with Vision and Mission are displaced in all prominent locations of the campus like; department offices, laboratories, classrooms, and department libraries. COs are also printed on each lab manual and issued to all students at the beginning of every semester.

The respective course coordinator frames the COs in consultation with concerned faculty members. The course outcomes and their mapping with program outcomes and program-specific outcomes are elaborately discussed and derived by the course committee members. During the commencement of each unit and after the completion of the unit, the course outcomes are reviewed.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	<u>View File</u>

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#### 2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

#### 1. Attainment of Course Outcomes:

Internal assessment will be conducted as per the guidelines and schedule of JNTUK, Kakinada. External exams are conducted by JNTUK. All the marks scored by the learners are recorded. Based on rubrics set for individual courses, the attainment level will be calculated. Attainments for internal examinations will be calculated by taking the question-wise attainments for descriptive, online, and assignments and an average of these attainments will be considered as CO attainments will be finalized.

#### 2. PO attainment calculations:

CO-POmatrix is considered for each subject.PO attainment is obtained from PO with CO values.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for Additional information	Nil

#### 2.6.3 - Pass percentage of Students during the year

### 2.6.3.1 - Total number of final year students who passed the university examination during the year

1499

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<u>View File</u>
Upload any additional information	No File Uploaded
Paste link for the annual report	https://acet.ac.in/ACET/AQAR/2/2.6.3_22_23 _pdf

#### 2.7 - Student Satisfaction Survey

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### 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://acet.ac.in/ACET/AQAR/2/2.7.1.pdf

#### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Resource Mobilization for Research

- 3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)
- 3.1.1.1 Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	<u>View File</u>

#### 3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

#### 3.1.2.1 - Number of teachers recognized as research guides

34

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

- 3.1.3 Number of departments having Research projects funded by government and non government agencies during the year
- 3.1.3.1 Number of departments having Research projects funded by government and non-government agencies during the year

File Description	Documents
List of research projects and funding details (Data Template)	<u>View File</u>
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

#### 3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Aditya College of Engineering and Technology established Incubation center (http://acet.ac.in/?p=entreprenur#tab5)

The running start-ups of our students are

- 1.Agumentik Software Pvt. LtdMr.K.K.Mishra is the CEO of this company.It is aimed for designing Software, website development, App Development, animation, Game designing and Digital marketing. https://www.agumentik.com/
- 2.AgumentikEducampPvt. Ltd. Mr KK Misra is the CEO for this
  company,It is providing training and development programs. It is
  registered with the Minstry of Corpotate Affairs(MCA)
  .https://agumentikeducamp.com/
- 3.Karanam Technologies start-up run by Mr KBS Tarun kumar, It isa worth of 6.9 Lakhs in 5 months, with a turnover of 4 lakhs/annum and profit of 1.3 Lakhs/annum.

https://www.linkedin.com\company\karanam-tech/about/

- 4.QQ Advetising and Markting Pvt Ltd Mr.Bhaskar is Founder & Chief Exective officer . This start up is recognized by Govt Of AP . the https://qqadz.com/
- 5. TOP TRAYY start-up by Mr P. Sai Siva Prasanth offering 5 internships per annum on webdevelopment ,Datamining amd Machine Learning.
- 6. Trigid Innovations Pvt.Ltd Started by Mr. V.Bharat with an initial investment of 14.60 lakhs/annum, turnover of 2 lakhs/month

and profit of 40 K/month.. https://facebook.com/trigidinnovations

- 7. Picshorts Pvt Ltd, Started by Mr Subhamkumar varma .It is registred under the Dept for Promotion of Industry and Internal Trade . This startup registred under MSME UDYAM ( Regd No UDYAM-BR\_13-0002226) https://picshort.com/
- 8.Dream skills hub software started by Mr.S. duga Satish Reddy.https://dreamskillhub.com/

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

- 3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year
- 3.2.2.1 Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

8

File Description	Documents
Report of the event	<u>View File</u>
Any additional information	<u>View File</u>
List of workshops/seminars during last 5 years (Data Template)	<u>View File</u>

#### 3.3 - Research Publications and Awards

- 3.3.1 Number of Ph.Ds registered per eligible teacher during the year
- 3.3.1.1 How many Ph.Ds registered per eligible teacher within the year

File Description	Documents
URL to the research page on HEI website	https://www.acet.ac.in/?p=Research_Supervisors
List of PhD scholars and their details like name of the guide, title of thesis, year of award etc (Data Template)	<u>View File</u>
Any additional information	<u>View File</u>

### 3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

#### 3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

49

File Description	Documents
Any additional information	<u>View File</u>
List of research papers by title, author, department, name and year of publication (Data Template)	<u>View File</u>

### 3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

### 3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/international conference proceedings year wise during year

26

File Description	Documents
Any additional information	<u>View File</u>
List books and chapters edited volumes/ books published (Data Template)	<u>View File</u>

#### 3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY-NSS Unit with registered number 90214409 in collaboration with JNTUK NSS UNIT

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(ACET) had conducted total number of 18 programs in the academic years 2022-2023. 3074 students took part in the programs. In the aspect of Blood donation NSS UNIT conducted 03 programs that include Dengue awareness camp. Blood donation camp was conducted in collaboration with Kakinada General Hospital Blood Bank nearly 90 students actively took part in all the program. In Dengue awareness program 45 students actively participated. The main aim of the programs is to promote health consciousness among public to stay fit and active and also to achieve wellness and in the community by maintaining good health. 1314 students participated in medical screening test by Apollo Shine Hospital. Special camp was conducted in adopted village Anuru. 50 students took part in this one-week camp.

File Description	Documents
Paste link for additional information	https://www.acet.ac.in/?p=allcommittees&ca tegory=NSS&committeename=NSS
Upload any additional information	No File Uploaded

- 3.4.2 Number of awards and recognitions received for extension activities from government / government recognized bodies during the year
- 3.4.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

2

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	<u>View File</u>
e-copy of the award letters	<u>View File</u>

- 3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year
- 3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

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18

File Description	Documents
Reports of the event organized	<u>View File</u>
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<u>View File</u>

#### 3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

## 3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

3074

File Description	Documents
Report of the event	<u>View File</u>
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<u>View File</u>

#### 3.5 - Collaboration

### 3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/internship during the year

### 3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

File Description	Documents
e-copies of related Document	<u>View File</u>
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

### 3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

### 3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

23

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<u>View File</u>
Any additional information	<u>View File</u>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<u>View File</u>

#### 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 equipment etc.

Aditya College of Engineering & Technology (ACET) has appropriate infrastructure and physical resources, such as classrooms, labs, computer equipment, and so on, in accordance with AICTE regulations, to support the teaching and learning activities, as described below.

- The college is situated on a lavish green campus of 10 acres and caters to both academic and residential needs.
- All the classrooms (54) on campus had standard size and can accommodate 72 students. Also equipped with white board, projectors and Wi-Fi connectivity.
- All the faculty members are having an access to laptop (or) desktop and other ICT amenities that aid in the teaching learning activities.
- The Knowledge Information Centre (KIC-Central Library) provides resources to all programmes, with over 8,233titles and 46,780volumes. Also, digital library with 30 systems that enable access to online literature and journals assist KIC activities. In addition to KIC, in their respective locations, all departments have specialised library that serve to the primary and instantaneous needs.

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#### Laboratories

39 completely equipped labs with the most up-to-date technical equipment as specified in the curriculum, as well as a departmental library and six special labs for all departments.

- Andhra Pradesh State Skill Development Centre
- Professional Societies
- Research Laboratories

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://acet.ac.in/ACET/AQAR/4/4.1.1.pdf

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

Aditya College supports extracurricular activities like sports, cultural events, and a gymnasium. It has 10 acres of sports fields that offer athletics, volleyball, and kabaddi, while indoor options include table tennis, chess, carroms, and a fitness center to encourage competitiveness and provide ample infrastructure for student activities. Aditya College of Engineering & Technology offers adequate infrastructure facilities for games and sports such as:

- 200m Track
- Volleyball Court
- Kabaddi Court
- Shuttle courts
- Table tennis court
- Chess
- Caroms

Gymnasium and Yoga (Fitness Centre)

ACET hostels offer a gym for fitness, with treadmills, exercise cycles, and body-building equipment, accessible during mornings and evenings. Yoga sessions in separate centers for boys and girls promote inner growth and well-being, enhancing self-awareness and personal development.

Cultural Facilities

ACET fosters creativity through cultural programs where students showcase their talents. Students form groups to plan and execute these events, held in well-equipped halls. Major events take place in the main seminar hall. One notable event is "Colours," a South Indian youth festival held annually in January, showcasing the talents of students from across the region. Additionally, all major Indian festivals are enthusiastically celebrated on campus.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://acet.ac.in/ACET/AOAR/4/4.1.2.pdf

### 4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

62

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://acet.ac.in/ACET/AQAR/4/4.1.3.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<u>View File</u>

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

### 4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

1	1	4	6	4

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File Description	Documents
Upload any additional information	<u>View File</u>
Upload audited utilization statements	<u>View File</u>
Upload Details of budget allocation, excluding salary during the year (Data Template	<u>View File</u>

#### 4.2 - Library as a Learning Resource

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

The college library is easily accessible to students and staff. It has enough terminals for searching e-resources, web browsing, and academic work. Other materials can be downloaded and printed at the library. The library continuously upgrades its technology to keep pace with new advancements. Each college department has a library accessible to students and staff. Notice boards announce new arrivals. E-CAP Library software automates our library. A library management system (LMS) is an enterprise resource planning system that tracks owned items. Issued, returned. This system streamlines library administration and user services. This Software has following modules:

- Circulation Module
- Setting module
- OPAC module

ECAP aims at immediate availability of data in required formats that ease the work of staff andManagement and increase transparency and accountability in administration. The following features can be accessed by students and staff individually through E-CAP with individual

Some of the additional features available in the library services are as follows-

- Free WI-FI, internet access, download, and printout facilities have been provided
- Organization of Book Exhibitions/Display of new books
- A propersystem of feedback from users to improve library services.
- System of recommendation for purchase of books through Departments

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File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for Additional Information	https://acet.ac.in/ACET/AQAR/4/4.2.1.pdf

# 4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	<u>View File</u>
Details of subscriptions like e- journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

### 4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

### 4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

#### 5.42

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

### 4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

#### 4.2.4.1 - Number of teachers and students using library per day over last one year

File Description	Documents
Any additional information	<u>View File</u>
Details of library usage by teachers and students	<u>View File</u>

#### 4.3 - IT Infrastructure

#### 4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The institution has good state of art infrastructure to meet the educational requirements of the students. The entire campus is optically networked .In addition, Wi-Fi facility is provided in all the buildings. In addition to each building /department, other important places like examination Centre, Research Centre, Placement Cell, and Library are connected with uninterrupted internet facilities.AP CM Skill Excellence Centre with 37 core i5 & core i7, 16GB RAM laptops for skill based technical training was established in association with APSSDC. The college has Internet Facility with leased line from BSNL with 100Mbps.The server room of Computer Centre has servers namely: Windows, Linux, Oracle database, NPTEL and Vyatta server. Software installation, regular system maintenance, software upgrading are taken care on a routine basis by the respective department Computer technicians.

- 1. Procured 180 Lenovo (Core i3, 8 GB RAM, 256 GB SSD ,12th gen) Computers in 2022-23
- 2. Procured 210 Lenovo TC NEO 50T(Core i3, 8 GB RAM, 256 GB SSD) Desktop Computers in 2021-22.
- 3. Procured 100 Lenovo M70c(Intel Core i3, 8 GB RAM, 256 GB SSD) Desktop Computers in 2020-21.
- 4. Procured 320 Lenovo V530 (Intel Core i3,8 GB RAM,256 GB SSD) desktop computers in 2019-20.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://acet.ac.in/ACET/AQAR/4/4.3.1.pdf

#### 4.3.2 - Number of Computers

File Description	Documents
Upload any additional information	<u>View File</u>
List of Computers	<u>View File</u>

### **4.3.3** - Bandwidth of internet connection in the Institution

Α.	?	50MBPS

File Description	Documents
Upload any additional Information	<u>View File</u>
Details of available bandwidth of internet connection in the Institution	<u>View File</u>

#### 4.4 - Maintenance of Campus Infrastructure

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

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

#### 193.54

File Description	Documents
Upload any additional information	<u>View File</u>
Audited statements of accounts	<u>View File</u>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<u>View File</u>

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

The college has built an eccentric atmosphere for educational pursuits. It takes a lot of struggle to have contemporary physical facilities. The maintenance of the building is handled by a distinct department. All departments have distinct protocols for upholding their equipment. The faculty in charge of each laboratory is accountable for its running. For the repair of unconventional equipment, suitable AMCs are engaged. The Librarian

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retains the library, which is supervised by the Library Commission. This committee is in charge of processing the specifications. All sports facilities, including the Gymnasium, are overseen by the Physical Director. The computers are adequately examined and maintained, and the software is adjusted in accord with necessities. The maintenance of ICT equipment used for teaching and learning is habitually prioritized. Generators are on hand at the college to ensure that classes and laboratory assemblies are not disrupted by power outages. The institution takes special care and plans activities to ensure that physical resources are used to their full potential. Pupils at this engineering school are also concerned in the upkeep of air conditioners, power apparatus, and transport. The college has sufficient workforce to retain the campus, including its physical facilities, in decent condition.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://acet.ac.in/ACET/AQAR/4/4.4.2.pdf

#### STUDENT SUPPORT AND PROGRESSION

#### **5.1 - Student Support**

### 5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

### 5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<u>View File</u>
Upload any additional information	<u>View File</u>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<u>View File</u>

- 5.1.2 Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year
- 5.1.2.1 Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

75

File Description	Documents
Upload any additional information	<u>View File</u>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<u>View File</u>

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	https://acet.ac.in/?p=Training&category=&c ommitteename=Training%20&%20Placement%20Ce ll#tab7
Any additional information	<u>View File</u>
Details of capability building and skills enhancement initiatives (Data Template)	<u>View File</u>

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

3028

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

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

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

#### A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<u>View File</u>
Upload any additional information	<u>View File</u>
Details of student grievances including sexual harassment and ragging cases	View File

#### **5.2 - Student Progression**

#### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

719

File Description	Documents
Self-attested list of students placed	<u>View File</u>
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	<u>View File</u>

#### 5.2.2 - Number of students progressing to higher education during the year

#### 5.2.2.1 - Number of outgoing student progression to higher education

17

File Description	Documents
Upload supporting data for student/alumni	<u>View File</u>
Any additional information	No File Uploaded
Details of student progression to higher education	<u>View File</u>

- 5.2.3 Number of students qualifying in state/national/international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)
- 5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

12

File Description	Documents
Upload supporting data for the same	<u>View File</u>
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<u>View File</u>

#### **5.3 - Student Participation and Activities**

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as

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#### one) during the year

# 5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

27

File Description	Documents
e-copies of award letters and certificates	<u>View File</u>
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at unive rsity/state/national/international level (During the year) (Data Template)	<u>View File</u>

5.3.2 - Institution facilitates students' representation and engagement in various administrative, cocurricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

#### Student Representation:

The Alumni coordination cell: will discuss the career opportunities in the real-world competition and strengthen the institution alumni activities, respectively. Entrepreneurship development cell and incubation centre: will make necessary arrangements to teach the startup culture amongst the students to be self-reliant. The Institution also have National Service Scheme (NSS) Unit: The programme aims to teach social welfare to students and provide service to society.

Academic Committee, Anti-Ragging Committee, Canteen Committee, Career Counselling Committee, Cultural Committee, Ethics Committee, E-Resources Committee, Hostel Committee, Internal Complaints Committee (ICC), Library Committee, Publication Committee, Purchase Committee, Sports Committee, Transport Committee, Website Committee are functioning in the Institution.

#### Students Council:

The student's council member will be elected by the currently enrolled students (i.e., one girl and one boy student secretary chosen by the committee) of the college through an interview

process carried out by the committee and decided by the Principal. Council members act as the student secretaries of all the functioning committees and clubs of the college and hold equal responsibilities in the proper functioning of the committees and clubs.

Briefed information regarding all committees active in college: http://www.acet.ac.in/?p=committees

File Description	Documents	
Paste link for additional information	https://acet.ac.in/?p=committees	
Upload any additional information	<u>View File</u>	

# 5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

# **5.3.3.1** - Number of sports and cultural events/competitions in which students of the Institution participated during the year

1316

File Description	Documents
Report of the event	<u>View File</u>
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<u>View File</u>

#### 5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The Alumni Coordination Cell (registration and functional) contributes significantly to the development of the institution through financial and other support services.

Response:

The prestige and pride of our college is the great marvelous contribution by our Alumni through the ACETAWA i.e., Aditya College of Engineering & Technology Alumni Welfare Association. The mission of the Alumni Association is to faster mutually beneficial relationship between the Institute an its alumni.

#### Alumni Meet:

The alumni meet is conducted once in a year, wherein the passedout students of under graduate and post graduate programs share their views with their juniors and give suggestions towards the betterment of overall development including curriculum.

#### Alumni Contributions:

- The alumni frequently visit the institution and deliver guest lectures on career guidance in their areas of expertise and motivate the young minds.
- Alumni are included as members in the Board of studies of all departments. They are invited for meetings at the college and they interact with their teachers and express their suggestions on curriculum revision.
- The alumni support in many ways such as giving suggestion, feedback on existing Curriculum, updates on emerging trends, etc through various networking platforms.
- The alumni frequently visit the institution and contribution financial support to the students like books and project work materials.

File Description	Documents	
Paste link for additional information	https://acet.ac.in/?p=alumini&category=&co mmitteename=Alumni%20Coordination%20Cell	
Upload any additional information	<u>View File</u>	

# **5.4.2 - Alumni contribution during the year** (INR in Lakhs)

D.	1	Lakhs	-	3Lakhs

File Description	Documents
Upload any additional information	<u>View File</u>

#### GOVERNANCE, LEADERSHIP AND MANAGEMENT

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#### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

#### Vision

To induce higher planes of learning by imparting technical education with

- International standards
- Applied research
- Creative Ability
- Value based instruction and to emerge as a premiere institute

#### Mission

Achieving academic excellence by providing globally acceptable technical education by forecasting technology through

- Innovative Research and development
- Industry Institute Interaction
- Empowered Manpower

Aditya College of Engineering & Technology is headed by the Principal and is supported by Dean, the Heads of the Departments, and Coordinators of other Committees. The Institution functions with the support of Internal Quality Assurance Cell (IQAC), Examination section, Research and Development (R&D), Proctoring, Training and Placement (T&P) Cell, and other committees. The Heads of the various Departments identify the needs and requirements of the Departments which are then routed through the Purchase Committee for its view and suggestions to the concerned Heads and the Principal. The proposals are submitted to the Governing Body for its approval. Stakeholder opinions are taken into account while identifying gaps and proposing value-added courses. Stakeholders are also invited to participate in various committees, depending on the need, and their opinions are taken into account.

File Description	Documents
Paste link for additional information	https://acet.ac.in/?p=Vision-Mission
Upload any additional information	No File Uploaded

## 6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The administrative structure at Aditya College of Engineering and Technology (ACET) includes the Governing mechanism with inculcating various practices for decentralization and participative management headed by Chairman, Vice-Chairman, Principal, Deans, Head of Departments, Committee Coordinators, Staff In-charges, Lab In-charges, System Administrators, Student Proctors and Class Representatives to promote quality improvement in all fields with excellence. In execution, the administrative setup functions with a decentralized decision making at all levels. Principal is the Head of the Institution and he efficiently proceeds and ensures the smooth conduction of all administrative and academic activities.

Along with Principals, the HODs and faculty are encouraged to give suggestions that help in the growth of the organization. Faculty members are made part of decision making process at all levels. There are 31 committees that work together to explore opportunities, plan, organise, implement, and oversee all of the institution's activities. In addition, the institution has constituted several committees with faculty as in-charge of those committees to groom leadership at the faculty level and every faculty members will be a part of at least one or more committees. The stakeholders of the institute - Faculty members, Students, Parents, Alumni, and Employers have a participative role in these committees.

File Description	Documents
Paste link for additional information	https://acet.ac.in/?p=committees
Upload any additional information	No File Uploaded

#### **6.2 - Strategy Development and Deployment**

6.2.1 - The institutional Strategic/perspective plan is effectively deployed

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At the beginning of the academic year, various bodies and committees that constitute the Organogram of the institute, chalk out the strategic plan of events and activities which will support the growth and development in these key areas and at the end of the year, a review is taken about implementation and the outcomes of the perspective plans. One such broad area in which the Institutional Perspective and Strategic Plan has been successfully implemented is that of Teaching, Learning and Research. This has been achieved through the deployment of Action Plan for the following initiatives:

- 1. Efficient Teaching erudition procedure
- 2. Effective Leadership and Participative management
- 3. Continuous Internal Quality Assurance System
- 4. Ensuring effective governance
- 5. Student's Overall Development through Participation
- 6. Employees Advancement & Welfare
- 7. Escalating Placements
- 8. Proper Discipline
- 9. Women/Student/Faculty Grievance
- 10. Financial Planning & Management
- 11. Institute Industry Interaction
- 12. Encouragement of Budding Entrepreneurs
- 13. Constant Growth in Research and Development
- 14. Alumni Interaction and Outreach activities
- 15. Mounting Physical Infrastructure

File Description	Documents
Strategic Plan and deployment documents on the website	<u>View File</u>
Paste link for additional information	https://acet.ac.in/?p=internalcell&categor y=&committeename=Internal%20Ouality%20Assu rance%20Cell#tab4
Upload any additional information	No File Uploaded

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

Aditya College of Engineering & Technology was established in the year 2004 under the initiative of Sarojini Educational Society and has a well defined organizational structure.

Governing Body

The Governing Body is headed by the Chairman and the Principal as the member secretary to monitor the governance of the institute which includes the general administration, academic and finance management, all the decisions are taken in the Governing Body meetings.

#### Principal

The Principal is the head of the institute and supervises the activities which are taking place in the institute under various committees and departments, as per the guidelines and decisions made by the Principal execution and implementation will take place.

#### Dean

The next level to the Principal is Dean liaisons between the Principal and the Heads of the Departments

#### Head of the Department

Leads the departments and has autonomy to executes the plans with the support of faculty members to cater the students in fulfilling their academic needs.

#### Placement Officer

The Training and Placement Officer lead the placement teams and organizes the training activities in soft skills, aptitude and coding, the placement officer keeps track of the changing trend of the employment and opportunities to the eligible aspirants.

#### Administrative Officer

Administrative Officer plays a major role in the Principal's office, takes care of the administrative related issues, accounts, purchases, maintenance, etc

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File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	https://acet.ac.in/?p=internalcell&categor y=&committeename=Internal%20Quality%20Assu rance%20Cell#tab8
Upload any additional information	<u>View File</u>

# 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)Document	<u>View File</u>
Screen shots of user inter faces	<u>View File</u>
Any additional information	No File Uploaded
Details of implementation of e- governance in areas of operation, Administration etc(Data Template)	<u>View File</u>

#### **6.3 - Faculty Empowerment Strategies**

#### 6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff

The teaching and non - teaching staff play a vital role in the growth of the institute and therefore the college is recognizing their productiveness and acknowledges their needs and requirements. As a result, the institution is implementing various effective welfare schemes. These welfare measures enrich the physical and mental health of the employees and thus promote a dynamic and encouraging work atmosphere. This stimulates the employee productivity and commitment towards the institute. The following list shows the various welfare structures:

- 1. Children who are all studying in our group of institutions are eligible for a 50% tuition cost reduction.
- The college has a canteen that serves quality meals at a discounted rate to both teaching and non-teaching personnel.

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- 3. Three sets of uniform per year and other safety gadgets for non teaching staff, security, scavengers, attenders, drivers
- 4. Group insurance policy to all teaching and non teaching staff
- 5. Residential Quarters on nominal rent for teaching staff.
- 6. Provision of exclusive transport facility for teaching and non-teaching staff from various parts of the city.
- 7. Extension of ESI benefits to non-teaching staff.
- 8. Employee Provident Fund (EPF) is applicable to some of the staff of our college from their date of joining the institution.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

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

14

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<u>View File</u>

- 6.3.3 Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year
- 6.3.3.1 Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

22

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<u>View File</u>

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

#### 6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

#### 140

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	<u>View File</u>

#### 6.3.5 - Institutions Performance Appraisal System for teaching and non-teaching staff

The success of any Educational Institution depends on the quality of its staff- both Teaching and Nonteaching. Together they play a significant role and are the backbone of the Institution.

Institutions cannotachieve their goals "Vision and mission"

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without them. To achieve the targets, the staff need to bemotivated towards their work. The Performance Appraisal (PA) is one of the performance managementtools that are widely used to measure the productivity of staff in different contexts.

The process of appraisal comprises of two parts: 1.Self-appraisal format to be filled by every non-teaching faculty 2.Appraisal by Lab In charge and & HOD Appraisal formats are asked to fill-in by the staff members for self-evaluation and HOD will interact withevery employee and remarks will be posted and forwarded to the Principal for evaluation. Final evaluationwill be carried out by the panel consist the Management representative, the Director and the Principal andappraisal will be made in terms of increment/promotion based on the final evaluation. http://acet.ac.in/index.php?p=internalcell&category=&committeename=Internal%20Quality%20Assurance%20Cell#tab9

File Description	Documents
Paste link for additional information	https://acet.ac.in/index.php?p=internalcel l&category=&committeename=Internal%20Quali ty%20Assurance%20Cell#tab9
Upload any additional information	No File Uploaded

#### 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Internal audits are supervised by qualified Accountants, who ensure that all procedures and criteria established by management are strictly followed in the financial transactions. The accountants also ensurethat transactions are recorded in accordance with purchasing processes and that purchases are approved by the appropriate authorities. Accountants conduct the procedural transaction and compliance audits and present reports to management with their comments, observations, and recommendations for corrective actions to guarantee proper compliance based on their findings. Internal and external audits are carried out twice a year and once a year, respectively. The reports of the External and Internal Auditors are reviewed by the management and given to the appropriate internal auditors in order to implement the required changes in the areas identified. Aditya College of Engineering& Technology guarantees that correct financial checks

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and balances are in place, as well as ensuring transactions are properly recorded in books with proper authorization.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<u>View File</u>

## 6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

## 6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	<u>View File</u>
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non- government bodies, individuals, Philanthropers during the year (Data Template)	<u>View File</u>

#### 6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Aditya College of Engineering & Technology being a private institution, the major source of funds iscollected in the form of tuition fees from students, examination fees and management contribution for theeffective functioning of the Institution.

Apart from this any additional expenditure or any deficient fundswill be borne by the Sarojini Educational Society. The Institution keeps audit reports in accordance withthe State Government's rules. Tuition fee: The major source of the income for the institution is the tuition fee of the students.

Transportation fee: The transportation fee is collected from the students for providing bus facilities to theremote students.

Hostel fee: The students coming from other parts of the state and also from other states and countries are provided with in-house hostel facilities for both boys and girls in separate buildings.

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File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

#### **6.5 - Internal Quality Assurance System**

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

IQAC is involved in all the college levelcommittees and professional bodies where academic, administrative and student centric programs are inprogress. IQAC plays a major role in the participation of NIRF and also in the other Institution ranking by variousorganizations like Career 360, T-School survey by Data Quest, The Week survey.IQAC conducts Institutional Annual Academic Audit and also encourages the faculty to participate invarious National & International Conferences and also to attend various development programs conductedby other reputed Institutions. IQAC has initiated an activity towards enhancing skill sets of students of all programs by making them to participate in the programs conducted by Andhra Pradesh State Skill Development Corporation (APSSDC) and also an MoU is signed between our College and APSSDC, in addition to this another MoU is also signed between our College and Centre of Excellence in Maritime and Shipbuilding (CEMS).

File Description	Documents
Paste link for additional information	https://acet.ac.in/index.php?p=internalcel l&category=&committeename=Internal%20Quali ty%20Assurance%20Cell#tab1
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Teaching Learning Process Aditya College of Engineering & Technology is affiliated to JNTUK, Kakinada. The University revises theregulation every three years and as per the regulations, the University releases Course structure and syllabus for each Undergraduate and Postgraduate programmes. Based on the

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syllabus released by the University, the Principal in association with Head of the Departments, IQAC, Academic Committee andExamination Committee will initiate a meeting to identify the changes in the new regulation in comparing with existing regulation. If any emerging courses are introduced, based on the requirements, the respectivedepartment has to initiate a Faculty Development Program (FDP). The Head of the Departments areinstructed to complete the subject allocation based the priorities given by the faculty members. Structures & Methodologies of operationsAll the faculty members have to prepare their lesson plan, course file before the commencement of theclass work. The faculty members have to adopt teaching pedagogy which includes -Chalk & Talk, animations, slides, videos, web links, charts, models etc. During the semester, fortnight report on syllabusstatus is collected and a review meeting will be conducted by the Head of the Department to ensureuniform coverage of syllabus if required.

File Description	Documents
Paste link for additional information	https://acet.ac.in/?p=Iqmc&category=&committeename=Internal%20Quality%20Management%20Committee#tab7
Upload any additional information	No File Uploaded

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of	A.	All	of	the	above	
Internal Quality Assurance Cell (IQAC);						
Feedback collected, analyzed and used for						
improvements Collaborative quality						
initiatives with other institution(s)						
Participation in NIRF any other quality audit						
recognized by state, national or international						
agencies (ISO Certification, NBA)						

File Description	Documents
Paste web link of Annual reports of Institution	https://acet.ac.in/?p=internalcell&categor y=&committeename=Internal%20Quality%20Assu rance%20Cell#tab5
Upload e-copies of the accreditations and certifications	<u>View File</u>
Upload any additional information	<u>View File</u>
Upload details of Quality assurance initiatives of the institution (Data Template)	<u>View File</u>

#### 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 College of Engineering and Technology (ACET) is committed to follow GENDER EQUITY. ACET provided facilities for women staff and girl students as part of curricular and Co-curricular aspects of the institution for promoting gender sensitivity. ACET provided facilities like Common Rooms ,C.C camera surveillance, Women Security guards , Crèche and facilities like Sanitary Napkin vending and incinerator machines at common rooms, lift facility at hostel, bus facility for girl hostel students, Computer lab and reading room, journals in library like ANTYAJAA, Indian Journal of gender studies, and Indian journal of social development, beauty parlor for at ladies

hostel.(http://acet.ac.in/?p=Gender\_Equity\_Facilities) ACET provided placements, sports facilities and gymnasium for girl students. ACET conducted lawareness programfor the A.Y 2022-23 for women staff and students for promoting gender equity. Girl students of ACET were eligible and drawn scholarships from state and central governments Schemes like Jagananna Vidya Deevena, Jagananna Vasathi Deevena, CentralGovt.CSSS, AICTE-Pragathi, Merit-Cum-Means and Post metric Scholarship.ACET involved women faculty actively in research, guiding students in operating projects, Paper publishing and research activities. ACET involved women staff in selection and Research committees invarious positions.Women faculty of ACET participated in Seminars, Workshops, Conferences, FDPs, and leading in various committees, like ICC and R&D.

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File Description	Documents
Annual gender sensitization action plan	https://www.acet.ac.in/acet/All_commitees/ ICCEVE2022-2023.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://www.acet.ac.in/?p=Gender_Equity_Fa cilities

# 7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensorbased energy conservation Use of LED bulbs/power efficient equipment

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	<u>View File</u>
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

#### 1.Solid waste management:

The institute has 20 members team for housekeeping. Every day they regularly collect an average of 120 kg solid waste from dust bins placed on the campus include departments, administrative-office, canteens, hostel, and guest houses. The whole waste is segregated that can be used for composting which is dumped for vermicomposting. Vermicomposting unit requires biodegradable waste to convert as fertilizer that will be used for plants. Aditya promotes digital platforms to reduce usage of paper for communication and sharing documents.

#### 2.Liquid Waste Management:

The liquid wastes generated in the campus include Sewage, Laboratory, hostel, and canteen effluent waste. The above waste is treated through a Pond set up in the institute with a capacity of more than 95000 Kiloliters per day. The laboratory wastewater does not contain hazardous chemicals and periodical monitoring is done by maintenance team.

#### 3.E-Waste Management:

Electronic minor repairs are set right by Laboratory assistants and major repairs are handled by Technical Assistant and are reused. ACET has entered MoU with ELECTROPRO SYSTEMS. which buys our damaged computers and other non-reparable e-waste.

4. Waste Recycling: Solutions for recycling.

Electronic devices major repairs are handled by our technical assistants and reused.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	<u>View File</u>
Geo tagged photographs of the facilities	<u>View File</u>

# 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
Geo tagged photographs / videos of the facilities	<u>View File</u>
Any other relevant information	<u>View File</u>

#### 7.1.5 - Green campus initiatives include

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

- A. Any 4 or All of the above
- 1. Restricted entry of automobiles
- 2. Use of bicycles/ Battery-powered vehicles
- 3. Pedestrian-friendly pathways

#### 4. Ban on use of plastic

#### 5. Landscaping

File Description	Documents
Geo tagged photos / videos of the facilities	<u>View File</u>
Various policy documents / decisions circulated for implementation	<u>View File</u>
Any other relevant documents	<u>View File</u>

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

# 7.1.6.1 - The institutional environment and energy initiatives 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	<u>View File</u>
Certification by the auditing agency	<u>View File</u>
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

# 7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	<u>View File</u>
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	<u>View File</u>
Any other relevant information	No File Uploaded

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

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY - NSS Unit with registered number 90214409 in collaboration with JNTUK Kakinada organized and conducted various extension activities to promote social awareness, social responsibility, constitutional responsibility, Health Camps, conduct rallies, contribution to environmental protection, Swachh-Bharat, focus on Gender equity and women empowerment in the college-neighborhood-community.

In order to bring awareness in the society, to enlighten and remind the responsibilities that an individual and citizen of our country, the NSS unit of ACET took initiative to conduct programs in college premises and nearby villages and public places.

The NSS UNIT conducted total number of 18programs in providing inclusive environment for the AY 2022-2023in collaboration with 01 Government General Hospital Kakinada in and out of the campus. 3074 students took active role in all the 18programs of 2022-2023.

In 2022-2023AY, Socio Economic -05, Environment-03, Health events-04 and 03 blood donation campshas been organized by NSS unit of ACET. Three plantation program was conducted involving 337participants done saplings.

NSS UNIT always stands in forefront to serve society, environment, humanity for a peaceful and harmonious life by conducting charity programs.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<u>View File</u>
Any other relevant information	No File Uploaded

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

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY - NSS Unit with registered number 90214409 in collaboration with JNTUK Kakinada organized and conducted various extension activities to promote social awareness, social responsibility, constitutional responsibility, Health Camps, conduct rallies, contribution to environmental protection, Swachh-Bharat, focus on Gender equity and women empowerment in the college-neighborhood-community.

In order to bring awareness in the society, to enlighten and remind the responsibilities that an individual and citizen of our country, the NSS unit of ACET took initiative to conduct programs in college premises and nearby villages and public places.

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NSS UNIT always stands in forefront to serve society, environment, humanity for a peaceful and harmonious life by conducting charity programs.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://acet.ac.in/?p=allcommittees&catego ry=NSS&committeename=NSS
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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 4. Annual awareness programmes on Code of Conduct are organized

#### A. All of the above

File Description	Documents
Code of ethics policy document	<u>View File</u>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<u>View File</u>
Any other relevant information	No File Uploaded

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

The cultural committee of ACET plays a pivotal role in promoting and nurturing the artistic and cultural talents of the students. This committee serves as a platform for our students to express their creativity and showcase their talents in various fields such as Music, Dance, Drama, Literature and visual arts. One of our primary objectives of the cultural committee is to organize and manage Cultural events and festivals throughout the academic year. These events include annual cultural fests, inter-college competitions, talent shows, and cultural nights. The committee

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invites professional artists, performers and experts to conduct interactive sessions and thereby providing students with valuable learning experiences and opportunities to enhance their artistic abilities. In addition to organizing events, the Cultural Committee takes the responsibility of maintaining and preserving the college's cultural heritage. They promote traditional art forms and folk culture, ensuring that these rich traditions are passed down to future generations. The committee members actively engage in enabling students to connect with their roots and appreciate the cultural diversity of the country. Overall, Cultural Committee of an engineering college serves as a catalyst for cultural growth and development providing a platform for students to explore their artistic talents, express themselves creatively.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<u>View File</u>
Geo tagged photographs of some of the events	<u>View File</u>
Any other relevant information	No File Uploaded

#### 7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

#### Best Practice 1:

"Industry readiness in students to foster the growth of nation"

#### Objectives:

To train the students in latest technologies, boost communication, conduct mock interviews, and academics, research, social service, and management for holistic development.

#### Context:

Modern industries demand versatile professionals proficient in leadership, problem-solving, communication, and hands-on experience. Our institute aims to meet this demand by producing skilled professionals.

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#### Practice:

The institute offers industry-aligned training and certification in various domains, including programming, automation (e.g., Data Science, Software Development, Android Development, and Cybersecurity). Emphasis on communication and soft skills prepares students for the industry.

#### Best Practice 2:

"Digital Learning by Students &Staff through Various MOOCS Platforms"

#### Objectives:

Enable unrestricted, self-directed learning anytime, anywhere, at any pace. Access latest trends, technologies, and prestigious institution faculty to foster global competency.

#### Context:

Digital learning encompasses various strategies such as online, blended, flipped, e-learning, and mobile learning. It's a key mission of the college, catering to students of diverse backgrounds for skill enhancement alongside traditional teaching. The college aims to excel, promoting online/blended courses from reputable institutions for students and staff development.

#### Practice:

- Online Learning
- Blended Learning
- E-learning

File Description	Documents
Best practices in the Institutional website	https://www.acet.ac.in/?p=Best_Practices#b est_practices
Any other relevant information	Nil

#### 7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

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#### TRAINING PLATFORM FOR HIGHER PACKAGE-CAREER PROSPECTS

Our institution aims to enhance studentscompetitiveness in the professional job market by offering quality training geared towards career advancement and higher-paying opportunities. Through diverse training programs, we focus on developing industry-relevant skills, including aptitude, reasoning, cognitive abilities, coding, and soft skills, alongside technical expertise. Our online platform, CODEMIND-APT LOGIC, offers comprehensive training from basic to advanced levels, ensuring students undergo progressive learning. Moreover, we conduct mock interviews to simulate real-world scenarios, preparing students for job interviews. All eligible students receive training to maximize their chances of securing lucrative employment opportunities both on and off-campus.

#### ROBUST RESEARCH AND DEVELOPMENT CELL

Our institution prioritizes cutting-edge research to advance technology, involving stakeholders to innovate through R&D. Recently, the Department of ECE was accredited as a research center alongside Computer Science and Mechanical Engineering. Numerous faculty members were appointed as supervisors by JNTUK to mentor Ph.D. scholars. The institute aims to collaborate across engineering fields, fostering innovation through research cells and project rooms for faculty and students. This focus cultivates robust research practices, equipping stakeholders with hands-on experience to generate novel ideas and innovations.

File Description	Documents
Appropriate web in the Institutional website	<u>View File</u>
Any other relevant information	No File Uploaded

#### 7.3.2 - Plan of action for the next academic year

- To achieve NIRF ranking below 100 by 2025.
- To obtain NBA accreditation for all eligible programs by 2025.
- To enhance Research Capabilities and Infrastructure.
- To establish Industry Sponsored Labs.
- To obtain grants from various Funding Agencies like AICTE, DST, SERB, MSME etc.,
- To establish Research Collaboration with National & International Universities.

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Annual Quality Assurance Report of ADITYA COLLEGE OF ENGINEERI	ING & TECHNOLOGY