



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

- Name of the Head of the institution **Dr. T K Rama krishna**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **08842326212**
- Mobile no **9000276662**
- Registered e-mail **principal@acet.ac.in**
- Alternate e-mail **office@acet.ac.in**
- Address **ADB Road, Surampalem, Peddapuram Mandal, E.G. Dist.**
- 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 **JNTUK-Kakinada**
- Name of the IQAC Coordinator **Dr. Ch. V. Raghavendran**
- Phone No. **9440674553**
- Alternate phone No. **8247040558**
- Mobile **9440510644**
- IQAC e-mail address **iqac_coordinator@acet.ac.in**
- Alternate Email address **office@acet.ac.in**

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

http://acet.ac.in/acet/All_committees/ACET%20AQAR%202020-21.pdf

4.Whether Academic Calendar prepared during the year?

Yes

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

<http://acet.ac.in/?p=examination&category=&committeename=Examination%20Committee#tab6>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.68	2016	11/07/2016	10/07/2021

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/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NA	NA	NA	NA	0

8.Whether composition of IQAC as per latest NAAC guidelines

Yes

- Upload latest notification of formation of IQAC

[View File](#)

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

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**
- 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 during the current year (maximum five bullets)

Two days' workshop on NAAC Accreditation

Orientation Program on NAAC SSR

Orientation Program on Paper presentation in National / International Conferences

Orientation Program on Outcome Based Education (OBE)

Become Coder an Orientation Program for students

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
Create awareness on NAAC SSR to faculty members	Conducted an Orientation Program on NAAC SSR and IIQA submitted
Train the faculty members for NAAC accreditation	Two days' workshop on NAAC Accreditation was conducted to enlighten the faculty members towards Cycle-II accreditation
To incorporate OBE in teaching / learning process	Orientation Program on Outcome Based Education (OBE) was conducted to create complete awareness to the faculty
Enhance coding skills among the students	Resulted in good number of placements

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

- Name of the statutory body

Name	Date of meeting(s)
Governing Body	20/04/2021

14. Whether institutional data submitted to AISHE

Part A

Data of the Institution

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• if yes, whether it is uploaded in the Institutional website Web link:	http://acet.ac.in/?p=examination&category=&committeename=Examination%20Committee#tab6						
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Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to		
Cycle 1	B	2.68	2016	11/07/2016	10/07/2021		
6.Date of Establishment of IQAC			15/11/2015				
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NA	NA	NA	NA	0			
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• Upload latest notification of formation of IQAC			View File				
9.No. of IQAC meetings held during the year			2				
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website?		
<ul style="list-style-type: none"> 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	
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statutory body?		
<ul style="list-style-type: none"> Name of the statutory body 		
Name		Date of meeting(s)
Governing Body		20/04/2021
14. Whether institutional data submitted to AISHE		
Year		Date of Submission
2021		23/02/2022
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):		
NA		
17. Skill development:		
Students are trained on various skill oriented courses in collaboration with ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION.		
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 TO SENSITIZE THE FACULTY ON OBE IN LINE WITH NEP.		
20. Distance education/online education:		
NA		
Extended Profile		
1. Programme		
1.1	568	

Number of courses offered by the institution across all programs during the year	
File Description	Documents
Data Template	View File
2.Student	
2.1	3330
Number of students during the year	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2	345
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	View File
2.3	948
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	184
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	184
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	62
4.2 Total expenditure excluding salary during the year (INR in lakhs)	589.9
4.3 Total number of computers on campus for academic purposes	871

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

Aditya College of Engineering & Technology (ACET), which is affiliated with Jawaharlal Nehru Technological University Kakinada (JNTUK), has a well-designed system for delivering and documenting the curriculum. The institute follows a Continuous Internal Evaluation (CIE) process and carefully implements the academic calendar events. Various instructional methods and assessment tools are employed, including traditional teaching, PowerPoint presentations, online classes, electronic media interaction, proctoring, and discussions. The CIE involves a range of assessment components such as tests, assignments, quizzes, midterm exams, laboratory experiments, student projects, fieldwork, seminars, and presentations. To enhance the university curriculum, ACET offers value-added courses, certificate programs, and skill development initiatives in specific areas. The institute actively seeks input and feedback from stakeholders to align with its objectives. Department Academic Committees (DAC) oversee curriculum delivery, conducting internal meetings and formulating academic strategies for future academic years. The curriculum is organized based on the available working days to ensure that the course can be completed within a reasonable timeframe

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://acet.ac.in/acet_NAAC/DVV/1/1.1.1.pdf

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

Projects

Aditya College of Engineering & Technology adheres to the guidelines set by Jawaharlal Nehru Technological University Kakinada for conducting student projects within the prescribed curriculum. The allocation of project batches is based on the students' CGPA and maximum credits, with an average of five members per batch. A project review committee, led by the Head of the Department and comprising senior faculty members, is responsible for overseeing the process. Three internal reviews take place, with the first two aimed at training students to improve their presentation skills and project documentation. The final internal review evaluates the students' project presentations and assigns marks accordingly. External reviewers, appointed by the university, are assigned specific dates for conducting the external reviews of the projects.

Course File

Aditya College of Engineering & Technology aligns with the curriculum provided by Jawaharlal Nehru Technological University-Kakinada. To ensure effective course delivery, the college prepares a detailed lesson plan along with clear objectives and outcomes for each semester in the BTech program. Additionally, the college conducts assignments, quizzes, and remedial classes specifically designed to support and improve the understanding of students who may require additional assistance. These measures aim to enhance the overall knowledge and learning experience of the students

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://acet.ac.in/acet_NAAC/DVV/1/1.1.2.pdf

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

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
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

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

12

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

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)

383

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

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

383

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

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 adheres to the regulations set by its affiliated university, Jawaharlal Nehru Technological University, Kakinada. Each department carefully reviews any updates or changes mandated by the university to consider incorporating them into the curriculum. The delivery of knowledge to the students is facilitated through a combination of lectures, tutorials, and practical hours, taking into account the credit weightage assigned to each course as part of the credit-based system. Furthermore, the college organizes the curriculum's courses to encompass topics such as professional ethics, gender, human values, environment, and sustainability, thereby promoting a well-rounded education.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

171

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
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	View File

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

2355

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

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution

A. All of the above

from the following stakeholders Students
Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	http://acet.ac.in/acet_NAAC/criterias/1/1.4.1.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

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	View File
URL for feedback report	http://www.acet.ac.in/acet_NAAC/DVV/1/1.4.2.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

784

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

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

271

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

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 program involving 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	View File

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

Number of Students	Number of Teachers
3330	184

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 wealth 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 inter-college and intra-college technical fests.

File Description	Documents
Upload any additional information	View File
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) enabled

coaching 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 few laboratories 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 like world e-book Library, memberships like DELNET, Library e-journals from N-List, J-Gate, e-books of McGraw Hill & 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 daily 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	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

180

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

2.4 - Teacher Profile and Quality

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

184

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

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

35

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)	View File

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

1062

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

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	View File
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 paper are 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 declared the 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	View File
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 displayed 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)	View File

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

File Description	Documents
Upload any additional information	View File
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

771

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	http://acet.ac.in/ACET/AQAR/2/2.6.3.2%20Annual%20Report.pdf

2.7 - Student Satisfaction Survey

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

http://acet.ac.in/ACET/AQAR/2/2.7.1_SSS_2021_22.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)	View File

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

06

File Description	Documents
Any additional information	View File
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

0

File Description	Documents
List of research projects and funding details (Data Template)	View File
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 (ACET) established Incubation center (<http://acet.ac.in/?p=entreprenur#tab5>) on the ground floor of Visweswarya Bhavan in Room No:019 of 1000sq.ft. It provides conducive environment for technology-driven innovations, motivate young minds towards entrepreneurship and pave established path towards their goals.

ACET is recognized by various state and central government organizations like Host Institute Business Incubation (HIBI) center from MSME and established LBI (Livelihood Business Incubation) center under ASPIRE scheme by MSME, Govt. of India. It received a grant of Rs.50 Lakh rupees in the year 2020. Conducted various guest lectures from Eminent Management Experts to inspire students towards entrepreneurship, understand Budget and scope of grants, marketing strategies and various funding agencies.

ACET secured 4 star rating in Atal Ranking of Institutions on Innovation Achievements (ARIIA) - under MoE.

(<http://acet.ac.in/uploads/ARIIA/ARIIA%202020-21-NEW.pdf>)

Incubation startup achievements: 1. Mr K K Mishra student from Dept of CSE started Agumentik Software Pvt. Ltd(<https://www.agumentik.com/>) recognized by Startup India, (<http://www.linkedin.com/in/krishnkumarmishra/?originalSubdomain=in>)

2. Mr. K.B.S.Tarun Kumar, student from Dept of ME runs a start up Karanam Technologies is about soil less farming, with a turnover of 4 lakhs/annum and profit of 1.3 Lakhs/annum.

3. VYSAPRATECH, Trigid Innovations Pvt.Ltd, Picshort Private Limited, Night Out, QQ Advertising & Marketing Pvt.Ltd Are Some of our proud startups incubated in Aditya College of Engineering &Technology.

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

16

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

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

03

File Description	Documents
URL to the research page on HEI website	http://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)	View File
Any additional information	View File

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

66

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

33

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

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 (ACET) had conducted total number of 10 programs in the academic years 2021-2022. 1454 students took part in the programs. In the aspect of health care NSS UNIT conducted 02 programs that include blood donation, cancer awareness camp. 03 programs on environment protection and 05 programs on community service and social responsibility. Blood donation camp was conducted in collaboration with Kakinada General Hospital Blood Bank nearly 343 students actively took part in all the program. In cancer awareness program 357 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. 232 students participated in saplings plantation program to plant saplings in their surroundings. Special camp was conducted in adopted village Anuru. 55 students took part in this one-week camp. To bring awareness of social responsibility 03 essay writing competition is conducted and presentation was given to students on REDUCE, REUSE AND RECYCLE.

File Description	Documents
Paste link for additional information	http://www.acet.ac.in/?p=allcommittees&category=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

0

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

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

10

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

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

1454

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

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

21

File Description	Documents
e-copies of related Document	View File
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

19

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Aditya College of Engineering & Technology has appropriate infrastructure and physical resources in accordance with AICTE regulations, to support the teaching and learning activities, as described below.

1. The college is situated on a lavish green campus of 10 acres and caters to both academic and residential needs.
2. Academic amenities for all Under Graduate (UG) and Post Graduate (PG) programmes are housed in two separate academic buildings, each having three floors.
3. All the classrooms(54) on campus are equipped with white board, projectors and Wi-Fi connectivity.
4. The Knowledge Information Centre (KIC-Central Library) provides resources to all programmes, with over 8,233 titles and 46,780 volumes. Also, digital library with 60 systems that enable access to online literature and journals assist KIC activities.

Laboratories

ACET includes 39 completely equipped labs. Andhra Pradesh Skill

Development Centre, Professional Societies, and Research Laboratories

ICT as a Learning Resource

All computer labs on campus are outfitted with a sufficient number of computers (1:3 ratio) and installed with licenced software. The whole campus is Wi-Fi equipped, with a bandwidth of 100 Mbps. A dedicated server hosts a digital learning platform with video and text material to supplement the classroom teaching-learning process.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://acet.ac.in/acet_NAAC/criterias/4/4.1.1.pdf

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

Other than curricular activities, Aditya College of Engineering & Technology support extra-curricular activities like Sports, Games, Cultural activities, Gymnasium and Yoga etc. The sports and games fields cover a total of 10 acres. Athletics, Volleyball, and Kabaddi, are just a few of sports available at ACET. There are indoor (table tennis, chess, caroms), outdoor Shuttle courts, and gymnasium is also available.

The Aditya College of Engineering & Technology had launched a wide variety of sports and games activities to students to inculcate competitive spirit among the students. 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

On a zone and national level, the students have brought the

university honours, name and fame. Various tournaments are held for students. ACET has demonstrated its superiority in different sports. ACET has a team of physical trainers with a proven track record in sports. ACET has competed in numerous intercollegiate sports meets and has a long history of sporting success. The Girls and Boys Hostels have facilities for shuttle, caroms, table tennis, and chess, as well as a gymnasium, yoga and cultural activities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://acet.ac.in/acet_NAAC/criterias/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	View File
Paste link for additional information	http://acet.ac.in/acet_NAAC/criterias/4/4.1.3.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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)

101.84

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

4.2 - Library as a Learning Resource

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

The library of the college is situated at a place which is easily accessible by all the students and staff. It has adequate number of terminals to facilitate searching/accessing e-resources, web browsing and for other academic work. Our library is equipped with modern technology and upgrades and whenever new technology emerges. Our Library is automated using a Software, E-CAP. A library management system (LMS) is an enterprise resource planning system for libraries, used to track items owned, issued and returned. This system enables efficient library administration to cater user services.

This Software has Circulation Module , Setting module and OPAC module. In OPAC module the user can search the user can also search the library resources as a general search and as well as advance search.

ECAP aims at immediate availability of data in required formats that ease the work of staff and management and increase transparency and accountability in administration. Some of the additional features available in the library services are Free WI-FI, internet access, download and printout facility and System of recommendation for purchase of books through Departments

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://acet.ac.in/acet_NAAC/criterias/4/4.2.1.pdf

4.2.2 - The institution has subscription for the A. Any 4 or more of the above

following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

File Description	Documents
Upload any additional information	View File
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)

3.96

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

4.2.4 - 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

564

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

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 between the buildings using the cables for connectivity. In addition, Wi-Fi facility is provided in all the buildings. In addition to each building /department, other important places like examination centre, remote centre for online workshops, placement cell, and library are connected with uninterrupted internet facility. The institute continuously keeps upgrading the internet bandwidth as latest teaching methods demand the usage of MOOCS/NPTEL/HACKTHON/Webinars etc.

The details of up gradation that has taken place over the last year are shown below:

1. Procured 144 Lenovo M70C (Intel Core i3, 8 GB RAM, 250 GB SSD) desktop computers in 2021.
2. Replaced 3 unmanageable basic network switches to Core Manageable L2 switches in 2021
3. Procured 5 Wi-Fi access points in 2021 for the wireless access facility.
4. Replaced 16 port unmanageable basic network switch in 2021.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://acet.ac.in/acet_NAAC/criterias/4/4.3.1.pdf

4.3.2 - Number of Computers

871

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

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)

184.71

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

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. For the repair of unconventional equipment, suitable AMCs are engaged. The Librarian 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. The housekeeping team at the institute keeps the classrooms clean and well-maintained. Seldom are classrooms equipped for competitive exams from both government and private establishments. The institute has a enjoyable play area with equipment for games and sports such as cricket, basketball,

volleyball, and throwball, among others. A gym with a certified and professional Physical Director is also existing. Indoor games such as TT, Carom and Chess are available to pupils. The institute's environment is retained clean and green, and all conveniences such as drinking water, restrooms, gardening, and power are accessible 24 hours a day.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://acet.ac.in/acet_NAAC/criterias/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

2149

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

97

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

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	http://acet.ac.in/?p=Training&category=&committeename=Training%20&%20Placement%20Cell#tab7
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

3010

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

3010

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

5.1.5 - The Institution 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	View File
Upload any additional information	View File
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

1032

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

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

18

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

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

4

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

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 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.

6

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

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular 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	http://acet.ac.in/?p=committees
Upload any additional information	View File

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

457

File Description	Documents
Report of the event	View File
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)	View File

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 foster mutually beneficial relationship between the Institute and its alumni.

Alumni Meet:

The alumni meet is conducted once in a year, wherein the passed-out 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	http://acet.ac.in/?p=alumini&category=&committeename=Alumni%20Coordination%20Cell#tab1
Upload any additional information	View File

5.4.2 - Alumni contribution during the year A. ? 5Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of 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	Nil
Upload any additional information	View File

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	Nil
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

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	View File
Paste link for additional information	Nil
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

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	http://acet.ac.in/?p=internalcell&category=&committeename=Internal%20Quality%20Assurance%20Cell#tab8
Upload any additional information	View File

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

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.
2. The college has a canteen that serves quality meals at a discounted rate to both teaching and non-teaching personnel.
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	View File

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

69

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)	View File

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

20

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)	View File

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

157

File Description	Documents
IQAC report summary	View File
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)	View File

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

Performance appraisal for teaching staff

The faculty appraisal is undertaken with following objectives:

- To assist teachers in their professional development and career planning.
- To assist teachers to reflect about their potential and to carry out their duties more effectively
- To provide judgment to support promotions
- To improve the quality of education for students

In short, it would be utilized as a tool to facilitate growth, development, efficiency and effectiveness of the teaching-learning process in the Institution.

The process of appraisal comprises of two parts:

A. Self-appraisal format to be filled by every faculty.

B. Appraisal by HOD & Principal: This would also involve a review of the self-appraisal documents submitted by the faculty.

Performance appraisal for non-teaching staff:

The employee appraisal is undertaken with following objectives:

- To assist employees to reflect about their potential and to carry out their duties more effectively
- To assist employees in their professional development and career planning.

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

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

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 ensure that transactions are recorded in accordance with purchasing processes and that purchases are approved by the appropriate authorities. Accountants conduct 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 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 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	No File Uploaded

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	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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 fund is collected in the form of tuition fees from students, examination fees and management contribution for the effective functioning of the Institution. Apart from this any additional expenditure or any deficient funds will be borne by the Sarojini Educational Society. The Institution keeps audit reports in accordance with the 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 facility to the remote 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 facility for both boys and girls in separate buildings.

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

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 plays a major role in the participation of NIRF and also in the other Institution ranking by various organizations 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 in various National & International Conferences and also to attend various development programs conducted by other reputed Institutions. IQAC takes necessary initiatives to encourage faculty members to do the Certifications programs conducted by organizations like NPTEL - Swayam, Coursera, Redhat Academy, Oracle Academy and AWS Academy to improve the quality of teaching.

As one of the best practices IQAC has initiated is the incentives policy to faculty members who have published research articles in Journals with good Impact Factor and also in the Journals which are indexed by Scopus, Web of Science and SCI.

IQAC insists the faculty members and students to use the College Learning Management System (MOODLE) and also initiated the policy towards converting the classrooms as ICT enabled classrooms.

IQAC also initiated the culture of Startups and Entrepreneur Development among the students. Startups like 3Dclix, Karanam Technologies, Agumentik, Picshorts Pvt. Ltd have evolved from our College.

File Description	Documents
Paste link for additional information	Nil
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 the regulation every three years and as per the regulations, the University releases Course structure and syllabus for each Undergraduate and Postgraduate programmes. Based on the syllabus released by the University, the Principal in association with Head of the Departments, IQAC, Academic Committee and Examination 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 respective department has to

initiate a Faculty Development Program (FDP).

Structures & Methodologies of operations

All the faculty members have to prepare their lesson plan, course file before the commencement of the class 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 syllabus status is collected and a review meeting will be conducted by the Head of the Department to ensure uniform coverage of syllabus if required. Course end feedback is collected from all the students on the content, coverage and evaluation of answer scripts for each course. The ICT facilities are reviewed from time to time for its improvement. The students are encouraged to join and complete Certifications from reputed organizations such as NPTEL, HackerRank, Coursera etc.,

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

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of 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)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://acet.ac.in/?p=internalcell&category=&committeename=Internal%20Quality%20Assurance%20Cell#tab5
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

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 8 awareness programs for 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, Central Govt. 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 in

various positions. Women faculty of ACET participated in Seminars, Workshops, Conferences, FDPs, and leading in various committees, like ICC and R&D.

File Description	Documents
Annual gender sensitization action plan	http://acet.ac.in/includes/committees/attachments/AnnualActionplan2021_22.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	http://www.acet.ac.in/?p=Gender_Equity_Facilities

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

File Description	Documents
Geo tagged Photographs	View File
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	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting
Bore well /Open well recharge Construction
of tanks and bunds Waste water recycling
Maintenance of water bodies and distribution
system in the campus

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

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	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy 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	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
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 :

A. Any 4 or all of the above

Human assistance, reader, scribe, soft copies of reading material, screen reading

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal 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 10 programs in providing inclusive environment for the AY 2021-2022 in collaboration with 01 Government General Hospital Kakinada in and out of the campus. 1454 students took active role in all the 10 programs of 2021-2022.

In 2021-2022 AY, Socio Economic -02, Environment-03, Health events-02 no. of programs has been organized by NSS unit of ACET. One plantation program was conducted involving 232 participants 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)	View File
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, contribution to environmental protection, 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, schools and public places.

The NSS UNIT conducted total number of 10 programs in sensitizing the students and employees of the institution for the AY 2021-2022 in and out of the campus. 1454 students took active role in all 010 programs of 2021-2022.

In 2021-2022 AY, events on duty of citizens-01, responsibility -01, event of values-01 no. Of programs has been organized by NSS unit of ACET.

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	http://acet.ac.in/?p=allcommittees&category=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

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

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

The 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 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)	View File
Geo tagged photographs of some of the events	View File
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:

"Faculty Data Management"

Objective

- To efficiently maintain academic and research progress.
- To increase transparency of data.
- To make information access easy, quick and flexible.

Context:

- Faculty activities of the institute are managed effectively by technology enabled with well established system My HUB.

Practice:

- Faculty academic growth and research information is maintained through the management system.

Evidence of success:

- Data is provided with transparency.

- Well managed and precise information for decision making.

Problems Encountered and Resources required:

- To store the data advanced server is required.
- Update the data regularly.

Best Practice 2:

"Exclusive department wise project laboratories"

Objectives:

- Promoting practical experience.
- Develop creative and innovative skills.

Context:

- Working on projects aids in gaining expertise, creative concepts, and develop insightful project ideas excellent professional opportunities.

Practice:

- All engineering departments of ACET have project lab with equipment and infrastructure to conduct meeting and research for project.

Evidence of success:

- Students not only learn theoretical knowledge and also practical knowledge.

Problems encountered and resources required:

- Problems encountered while working in projects will be solved by the students with positive mindset.

File Description	Documents
Best practices in the Institutional website	Nil
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

TRAINING PLATFORM FOR HIGHER PACKAGE-CAREER PROSPECTS

Our institution foreseeing the competition for Professional Employment in this world took a major step to skill up the students by providing a quality training orienting towards the career prospects with higher packages. It took a major step to equip the students with industry ready skills through various training programmes that nurtures the students to acquire aptitude, reasoning, cognitive, coding and soft skills beside technical skills through online platform CODEMIND-APT LOGIC that provides a great experience to the students in acquiring knowledge and skills. The training also provides practice in facing interviews. The platform helps students to grab the finest opportunity with higher packages in on and off campus.

ROBUST RESEARCH AND DEVELOPMENT CELL

Institution is driving ahead with its impeccable research activities to contribute technological arena. Adding feather to the cap the department of ECE was recognized as research centre besides the two department's i.e. Computer science and Mechanical Engineering. The objective is to collaborate with all the fields of engineering to progress in research in diversified fields. It established research and development cell and project rooms to involve the stakeholders to work collaboratively for innovative techniques and technical products.

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

Aditya College of Engineering & Technology (ACET), which is affiliated with Jawaharlal Nehru Technological University Kakinada (JNTUK), has a well-designed system for delivering and documenting the curriculum. The institute follows a Continuous Internal Evaluation (CIE) process and carefully implements the academic calendar events. Various instructional methods and assessment tools are employed, including traditional teaching, PowerPoint presentations, online classes, electronic media interaction, proctoring, and discussions. The CIE involves a range of assessment components such as tests, assignments, quizzes, midterm exams, laboratory experiments, student projects, fieldwork, seminars, and presentations. To enhance the university curriculum, ACET offers value-added courses, certificate programs, and skill development initiatives in specific areas. The institute actively seeks input and feedback from stakeholders to align with its objectives. Department Academic Committees (DAC) oversee curriculum delivery, conducting internal meetings and formulating academic strategies for future academic years. The curriculum is organized based on the available working days to ensure that the course can be completed within a reasonable timeframe

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://acet.ac.in/acet_NAAC/DVV/1/1.1.1.p df

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

Projects

Aditya College of Engineering & Technology adheres to the guidelines set by Jawaharlal Nehru Technological University Kakinada for conducting student projects within the prescribed

curriculum. The allocation of project batches is based on the students' CGPA and maximum credits, with an average of five members per batch. A project review committee, led by the Head of the Department and comprising senior faculty members, is responsible for overseeing the process. Three internal reviews take place, with the first two aimed at training students to improve their presentation skills and project documentation. The final internal review evaluates the students' project presentations and assigns marks accordingly. External reviewers, appointed by the university, are assigned specific dates for conducting the external reviews of the projects.

Course File

Aditya College of Engineering & Technology aligns with the curriculum provided by Jawaharlal Nehru Technological University-Kakinada. To ensure effective course delivery, the college prepares a detailed lesson plan along with clear objectives and outcomes for each semester in the BTech program. Additionally, the college conducts assignments, quizzes, and remedial classes specifically designed to support and improve the understanding of students who may require additional assistance. These measures aim to enhance the overall knowledge and learning experience of the students

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://acet.ac.in/acet_NAAC/DVV/1/1.1.2.pdf

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

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
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

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

12

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

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)

383

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

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

383

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

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 adheres to the regulations set by its affiliated university, Jawaharlal Nehru Technological University, Kakinada. Each department carefully reviews any updates or changes mandated by the university to consider incorporating them into the curriculum. The delivery of knowledge to the students is facilitated through a combination of lectures, tutorials, and practical hours, taking into account the credit weightage assigned to each course as part of the credit-based system. Furthermore, the college organizes the curriculum's courses to encompass topics such as professional ethics, gender, human values, environment, and sustainability, thereby promoting a well-rounded education.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

171

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
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	View File

1.3.3 - Number of students undertaking project work/field work/ internships**2355**

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

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	http://acet.ac.in/acet_NAAC/criterias/1/1.4.1.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

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	View File
URL for feedback report	http://www.acet.ac.in/acet_NAAC/DVV/1/1.4.2.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

784

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

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

271

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

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 program involving 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	View File

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

Number of Students	Number of Teachers
3330	184

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 inter-college and intra-college technical fests.

File Description	Documents
Upload any additional information	View File
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) enabled

coaching 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 few laboratories 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 like world e-book Library, memberships like DELNET, Library e-journals from N-List, J-Gate, e-books of McGraw Hill & 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 daily 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	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

180

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

2.4 - Teacher Profile and Quality

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

184

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

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

35

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)	View File

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

1062

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

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	View File
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 papers are 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 declared the 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	View File
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 displayed 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)	View File

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

File Description	Documents
Upload any additional information	View File
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

771

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	http://acet.ac.in/ACET/AQAR/2/2.6.3.2%20Annual%20Report.pdf

2.7 - Student Satisfaction Survey

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

<http://acet.ac.in/ACET/AQAR/2/2.7.1 SSS 2021 22.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)	View File

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

06

File Description	Documents
Any additional information	View File
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

0

File Description	Documents
List of research projects and funding details (Data Template)	View File
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 (ACET) established Incubation center (<http://acet.ac.in/?p=entreprenur#tab5>) on the ground floor of Visweswarya Bhavan in Room No:019 of 1000sq.ft. It provides conducive environment for technology-driven innovations, motivate young minds towards entrepreneurship and pave established path towards their goals.

ACET is recognized by various state and central government organizations like Host Institute Business Incubation (HIBI) center from MSME and established LBI (Livelihood Business Incubation) center under ASPIRE scheme by MSME, Govt. of India. It received a grant of Rs.50 Lakh rupees in the year 2020. Conducted various guest lectures from Eminent Management Experts to inspire students towards entrepreneurship, understand Budget and scope of grants, marketing strategies and various funding agencies.

ACET secured 4 star rating in Atal Ranking of Institutions on Innovation Achievements (ARIIA) - under MoE.

(<http://acet.ac.in/uploads/ARIIA/ARIIA%202020-21-NEW.pdf>)

Incubation startup achievements: 1. Mr K K Mishra student from Dept of CSE started Agumentik Software Pvt.

Ltd(<https://www.agumentik.com/>) recognized by Startup India, (<https://www.linkedin.com/in/krishnkumarmishra/?originalSubdomain=in>)

2. Mr. K.B.S.Tarun Kumar, student from Dept of ME runs a start up Karanam Technologies is about soil less farming, with a turnover of 4 lakhs/annum and profit of 1.3 Lakhs/annum.

3. VYSAPRATECH, Trigid Innovations Pvt.Ltd, Picshort Private Limited, Night Out, QQ Advertising & Marketing Pvt.Ltd Are Some of our proud startups incubated in Aditya College of Engineering & Technology.

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

16

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

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

03

File Description	Documents
URL to the research page on HEI website	http://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)	View File
Any additional information	View File

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**

66

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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**

33

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

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 (ACET) had conducted total number of 10 programs in the academic years 2021-2022. 1454 students took part in the programs. In the aspect of health care NSS UNIT conducted 02 programs that include blood donation, cancer awareness camp. 03 programs on environment protection and 05 programs on community service and social responsibility. Blood donation camp was conducted in collaboration with Kakinada General Hospital Blood Bank nearly 343 students actively took part in all the program. In cancer awareness program 357 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. 232 students participated in saplings plantation program to plant saplings in their surroundings. Special camp was conducted in adopted village Anuru. 55 students took part in this one-week camp. To bring awareness of social responsibility 03 essay writing competition is conducted and presentation was given to students on REDUCE, REUSE AND RECYCLE.

File Description	Documents
Paste link for additional information	http://www.acet.ac.in/?p=allcommittees&category=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

0

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

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

10

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

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

1454

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

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****21**

File Description	Documents
e-copies of related Document	View File
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****19**

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

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities**

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

Aditya College of Engineering & Technology has appropriate infrastructure and physical resources in accordance with AICTE regulations, to support the teaching and learning activities,

as described below.

1. The college is situated on a lavish green campus of 10 acres and caters to both academic and residential needs.
2. Academic amenities for all Under Graduate (UG) and Post Graduate (PG) programmes are housed in two separate academic buildings, each having three floors.
3. All the classrooms(54) on campus are equipped with white board, projectors and Wi-Fi connectivity.
4. The Knowledge Information Centre (KIC-Central Library) provides resources to all programmes, with over 8,233 titles and 46,780 volumes. Also, digital library with 60 systems that enable access to online literature and journals assist KIC activities.

Laboratories

ACET includes 39 completely equipped labs. Andhra Pradesh Skill Development Centre, Professional Societies, and Research Laboratories

ICT as a Learning Resource

All computer labs on campus are outfitted with a sufficient number of computers (1:3 ratio) and installed with licenced software. The whole campus is Wi-Fi equipped, with a bandwidth of 100 Mbps. A dedicated server hosts a digital learning platform with video and text material to supplement the classroom teaching-learning process.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://acet.ac.in/acet_NAAC/criterias/4/4.1.1.pdf

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

Other than curricular activities, Aditya College of Engineering & Technology support extra-curricular activities like Sports, Games, Cultural activities, Gymnasium and Yoga etc. The sports and games fields cover a total of 10 acres. Athletics, Volleyball, and Kabaddi, are just a few of sports available at

ACET. There are indoor (table tennis, chess, caroms), outdoor Shuttle courts, and gymnasium is also available.

The Aditya College of Engineering & Technology had launched a wide variety of sports and games activities to students to inculcate competitive spirit among the students. 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

On a zone and national level, the students have brought the university honours, name and fame. Various tournaments are held for students. ACET has demonstrated its superiority in different sports. ACET has a team of physical trainers with a proven track record in sports. ACET has competed in numerous intercollegiate sports meets and has a long history of sporting success. The Girls and Boys Hostels have facilities for shuttle, caroms, table tennis, and chess, as well as a gymnasium, yoga and cultural activities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://acet.ac.in/acet_NAAC/criterias/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	View File
Paste link for additional information	http://acet.ac.in/acet_NAAC/criterias/4/4.1.3.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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)

101.84

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

4.2 - Library as a Learning Resource

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

The library of the college is situated at a place which is easily accessible by all the students and staff. It has adequate number of terminals to facilitate searching/accessing e-resources, web browsing and for other academic work. Our library is equipped with modern technology and upgrades and whenever new technology emerges. Our Library is automated using a Software, E-CAP. A library management system (LMS) is an enterprise resource planning system for libraries, used to track items owned, issued and returned. This system enables efficient library administration to cater user services.

This Software has Circulation Module , Setting module and OPAC module. In OPAC module the user can search the user can also

search the library resources as a general search and as well as advance search.

ECAP aims at immediate availability of data in required formats that ease the work of staff and management and increase transparency and accountability in administration. Some of the additional features available in the library services are Free WI-FI, internet access, download and printout facility and System of recommendation for purchase of books through Departments

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://acet.ac.in/acet_NAAC/criterias/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	View File
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)

3.96

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

4.2.4 - 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

564

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

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 between the buildings using the cables for connectivity. In addition, Wi-Fi facility is provided in all the buildings. In addition to each building /department, other important places like examination centre, remote centre for online workshops, placement cell, and library are connected with uninterrupted internet facility The institute continuously keeps upgrading the internet bandwidth as latest teaching methods demand the usage of MOOCS/NPTEL/HACKTHON/Webinars etc.

The details of up gradation that has taken place over the last yearare shown below:

1. Procured 144 Lenovo M70C (Intel Core i3, 8 GB RAM, 250 GB SSD) desktop computers in 2021.
2. Replaced 3 unmanageable basic network switches to Core Manageable L2 switches in 2021
3. Procured 5 Wi-Fi access points in 2021 the for the wireless access facility.

4. Replaced 16 port unmanageable basic network switch in 2021.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://acet.ac.in/acet_NAAC/criterias/4/4.3.1.pdf

4.3.2 - Number of Computers

871

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

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)

184.71

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

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. For the repair of unconventional equipment, suitable AMCs are engaged. The Librarian 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. The housekeeping team at the institute keeps the classrooms clean and well-maintained. Seldom are classrooms equipped for competitive exams from both government and private establishments. The institute has a enjoyable play area with equipment for games and sports such as cricket, basketball, volleyball, and throwball, among others. A gym with a certified and professional Physical Director is also existing. Indoor games such as TT, Carom and Chess are available to pupils. The institute's environment is retained clean and green, and all conveniences such as drinking water, restrooms, gardening, and power are accessible 24 hours a day.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://acet.ac.in/acet_NAAC/criterias/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	
2149	
File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File
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	
97	
File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File
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	A. All of the above

hygiene) ICT/computing skills	
File Description	Documents
Link to Institutional website	http://acet.ac.in/?p=Training&category=&committeename=Training%20&%20Placement%20Cell#tab7
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File
5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
3010	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
3010	
File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File
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	View File
Upload any additional information	View File
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

1032

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

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

18

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

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

4

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

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 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.

6

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

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular 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	http://acet.ac.in/?p=committees
Upload any additional information	View File

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

457

File Description	Documents
Report of the event	View File
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)	View File

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 foster mutually beneficial relationship between the Institute and its alumni.

Alumni Meet:

The alumni meet is conducted once in a year, wherein the passed-out 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	http://acet.ac.in/?p=alumini&category=&committeename=Alumni%20Coordination%20Cell#tabl
Upload any additional information	View File

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

A. ? 5Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of 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	Nil
Upload any additional information	View File

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	Nil
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

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	View File
Paste link for additional information	Nil
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

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	http://acet.ac.in/?p=internalcell&category=&committeename=Internal%20Quality%20Assurance%20Cell#tab8
Upload any additional information	View File

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	View File
Screen shots of user interfaces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

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.
2. The college has a canteen that serves quality meals at a discounted rate to both teaching and non-teaching personnel.
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	View File

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

69

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)	View File

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

20

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)	View File

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

157

File Description	Documents
IQAC report summary	View File
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)	View File

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

Performance appraisal for teaching staff

The faculty appraisal is undertaken with following objectives:

- To assist teachers in their professional development and career planning.
- To assist teachers to reflect about their potential and to carry out their duties more effectively
- To provide judgment to support promotions
- To improve the quality of education for students

In short, it would be utilized as a tool to facilitate growth, development, efficiency and effectiveness of the teaching-learning process in the Institution.

The process of appraisal comprises of two parts:

A. Self-appraisal format to be filled by every faculty.

B. Appraisal by HOD & Principal: This would also involve a review of the self-appraisal documents submitted by the faculty.

Performance appraisal for non-teaching staff:

The employee appraisal is undertaken with following objectives:

- To assist employees to reflect about their potential and to carry out their duties more effectively
- To assist employees in their professional development and career planning.

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

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

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 ensure that transactions are recorded in accordance with purchasing processes and that purchases are approved by the appropriate authorities. Accountants conduct 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 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 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	No File Uploaded

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	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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 fund is collected in the form of tuition fees from students, examination fees and management contribution for the effective functioning of the Institution. Apart from this any additional expenditure or any deficient funds will be borne by the Sarojini Educational Society. The Institution keeps audit reports in accordance with the 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 facility to the remote 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 facility for both boys and girls in separate

buildings.

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

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 plays a major role in the participation of NIRF and also in the other Institution ranking by various organizations 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 in various National & International Conferences and also to attend various development programs conducted by other reputed Institutions. IQAC takes necessary initiatives to encourage faculty members to do the Certifications programs conducted by organizations like NPTEL – Swayam, Coursera, Redhat Academy, Oracle Academy and AWS Academy to improve the quality of teaching.

As one of the best practices IQAC has initiated is the incentives policy to faculty members who have published research articles in Journals with good Impact Factor and also in the Journals which are indexed by Scopus, Web of Science and SCI.

IQAC insists the faculty members and students to use the College Learning Management System (MOODLE) and also initiated the policy towards converting the classrooms as ICT enabled classrooms.

IQAC also initiated the culture of Startups and Entrepreneur Development among the students. Startups like 3Dclix, Karanam Technologies, Agumentik, Picshorts Pvt. Ltd have evolved from our College.

File Description	Documents
Paste link for additional information	Nil
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 the regulation every three years and as per the regulations, the University releases Course structure and syllabus for each Undergraduate and Postgraduate programmes. Based on the syllabus released by the University, the Principal in association with Head of the Departments, IQAC, Academic Committee and Examination 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 respective department has to initiate a Faculty Development Program (FDP).

Structures & Methodologies of operations

All the faculty members have to prepare their lesson plan, course file before the commencement of the class 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 syllabus status is collected and a review meeting will be conducted by the Head of the Department to ensure uniform coverage of syllabus if required. Course end feedback is collected from all the students on the content, coverage and evaluation of answer scripts for each course. The ICT facilities are reviewed from time to time for its improvement. The students are encouraged to join and complete Certifications from reputed organizations such as NPTEL, HackerRank, Coursera etc.,

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

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of 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)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://acet.ac.in/?p=internalcell&category=&committeename=Internal%20Quality%20Assurance%20Cell#tab5
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

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 8 awareness programs for 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, Central Govt. 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 in various positions. Women faculty of ACET participated in Seminars, Workshops, Conferences, FDPs, and leading in various committees, like ICC and R&D.

File Description	Documents
Annual gender sensitization action plan	http://acet.ac.in/includes/committees/attachments/AnnualActionplan2021_22.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	http://www.acet.ac.in/?p=Gender_Equity_Facilities

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
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	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

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

7.1.6 - Quality audits on environment and energy 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
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
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
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal 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 10 programs in providing inclusive environment for the AY 2021-2022 in collaboration with 01 Government General Hospital Kakinada in and out of the campus. 1454 students took active role in all the 10 programs of 2021-2022.

In 2021-2022 AY, Socio Economic -02, Environment-03, Health events-02 no. of programs has been organized by NSS unit of ACET. One plantation program was conducted involving 232 participants 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)	View File
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, contribution to environmental protection, 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, schools and public places.

The NSS UNIT conducted total number of 10 programs in sensitizing the students and employees of the institution for the AY 2021-2022 in and out of the campus. 1454 students took active role in all 010 programs of 2021-2022.

In 2021-2022 AY, events on duty of citizens-01, responsibility -01, event of values-01 no. Of programs has been organized by NSS unit of ACET.

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	http://acet.ac.in/?p=allcommittees&category=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	View File
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	View File
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 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)	View File
Geo tagged photographs of some of the events	View File
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:

"Faculty Data Management"

Objective

- To efficiently maintain academic and research progress.
- To increase transparency of data.
- To make information access easy, quick and flexible.

Context:

- Faculty activities of the institute are managed effectively by technology enabled with well established system My HUB.

Practice:

- Faculty academic growth and research information is maintained through the management system.

Evidence of success:

- Data is provided with transparency.
- Well managed and precise information for decision making.

Problems Encountered and Resources required:

- To store the data advanced server is required.
- Update the data regularly.

Best Practice 2:

"Exclusive department wise project laboratories"

Objectives:

- Promoting practical experience.
- Develop creative and innovative skills.

Context:

- Working on projects aids in gaining expertise, creative concepts, and develop insightful project ideas excellent professional opportunities.

Practice:

- All engineering departments of ACET have project lab with equipment and infrastructure to conduct meeting and research for project.

Evidence of success:

- Students not only learn theoretical knowledge and also practical knowledge.

Problems encountered and resources required:

- Problems encountered while working in projects will be solved by the students with positive mindset.

File Description	Documents
Best practices in the Institutional website	Nil
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

TRAINING PLATFORM FOR HIGHER PACKAGE-CAREER PROSPECTS

Our institution foreseeing the competition for Professional

Employment in this world took a major step to skill up the students by providing a quality training orienting towards the career prospects with higher packages. It took a major step to equip the students with industry ready skills through various training programmes that nurtures the students to acquire aptitude, reasoning, cognitive, coding and soft skills beside technical skills through online platform CODEMIND-APT LOGIC that provides a great experience to the students in acquiring knowledge and skills. The training also provides practice in facing interviews. The platform helps students to grab the finest opportunity with higher packages in on and off campus.

ROBUST RESEARCH AND DEVELOPMENT CELL

Institution is driving ahead with its impeccable research activities to contribute technological arena. Adding feather to the cap the department of ECE was recognized as research centre besides the two department's i.e. Computer science and Mechanical Engineering. The objective is to collaborate with all the fields of engineering to progress in research in diversified fields. It established research and development cell and project rooms to involve the stakeholders to work collaboratively for innovative techniques and technical products.

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

7.3.2 - Plan of action for the next academic year

The following are the plans initiated for the academic year 2022-23

1. Already applied for NAAC cycle 2 and waiting for PEER TEAM VISIT.
2. Applied for NBA tier 2 accreditation for 5 programs and expert team is expected to visit very shortly.
3. Working towards submission of application for the grant of AUTONOMOUS STATUS.