YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution ADITYA COLLEGE OF ENGINEERING

- Name of the Head of the institution Dr. A. Ramesh

- Designation Principal

- Does the institution function from its own campus? Yes

- Phone no./Alternate phone no. 08842326224

- Mobile no 9000476662

- Registered e-mail office@acoe.edu.in

- Alternate e-mail principal@acoe.edu.in

- Address Aditya Nagar, ADB Road, Surampalem, Kakinada District

- 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   **Jawaharlal Nehru Technological University Kakinada**

- Name of the IQAC Coordinator   **Dr. D V S S S V Prasad**

- Phone No.   **08842326224**

- Alternate phone No.   **9492508781**

- Mobile   **9492508781**

- IQAC e-mail address   **prasad_mech@acoe.edu.in**

- Alternate Email address   **myselfdvsprasad@gmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year)   https://acoe.edu.in/uploads/AQARs/AQAR%20AFTER%20SUBMISSION%20ON%2009.07.2022.pdf

4.Whether Academic Calendar prepared during the year?   **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://www.acoe.edu.in/Academic%20Calendar/Academic_calendar_2021_22.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B+**	**2.72**	**2018**	**26/09/2018**	**25/09/2023**

6.Date of Establishment of IQAC   **09/06/2016**

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
Dr.G.Jaffino & Dr A Ramesh	DST	DST	Year: 2021 Duration: 2 Years	1367300
Dr. Pullela S V V S R Kumar & Dr. A Ramesh	NCSTC	DST	Year: 2019 Duration: 1 Year	1809786

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)

• Inspected bottlenecks in the system • Organizational learning imposed • Motivated Entrepreneur Activities and Startups

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
Project Exhibitions	Improved skill set along with exposure
Technical Training, Projects Training, Coding practice, CRT Training	Improved knowledge levels. Exposure to industry needs. Improved campus placements with high package
Online assessment through Co-Cubes	Improved competitiveness for placements
Implementation of LMS (Target, Moodle)	Interaction between students and faculty increased as E-Content and assignments, unit tests were made available
Implementation of MOOCs	Implemented through affiliating university (JNTUK) and Credits are being allotted on successful completion
Promotion of Research Culture among Students	Students started publishing papers in reputed journals/conferences

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

- Name of the statutory body

Name	Date of meeting(s)
Governing Body	02/04/2022

14.Whether institutional data submitted to AISHE

Part A

Data of the Institution

1.Name of the Institution	ADITYA COLLEGE OF ENGINEERING
• Name of the Head of the institution	Dr. A. Ramesh
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	08842326224
• Mobile no	9000476662
• Registered e-mail	office@acoe.edu.in
• Alternate e-mail	principal@acoe.edu.in
• Address	Aditya Nagar, ADB Road, Surampalem, Kakinada District
• 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	Jawaharlal Nehru Technological University Kakinada
• Name of the IQAC Coordinator	Dr. D V S S S V Prasad

• Phone No.		`08842326224`
• Alternate phone No.		`9492508781`
• Mobile		`9492508781`
• IQAC e-mail address		`prasad_mech@acoe.edu.in`
• Alternate Email address		`myselfdvsprasad@gmail.com`

3.Website address (Web link of the AQAR (Previous Academic Year)	https://acoe.edu.in/uploads/AQARs/AQAR%20AFTER%20SUBMISSION%20ON%2009.07.2022.pdf
4.Whether Academic Calendar prepared during the year?	`Yes`
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.acoe.edu.in/Academic%20Calendar/Academic_calendar_2021_22.pdf

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Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
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`Dr. Pullela S V V S R Kumar & Dr. A Ramesh`	`NCSTC`	`DST`	`Year: 2019 Duration: 1 Year`	`1809786`

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• Upload latest notification of formation of	[View File](#)	

IQAC		
9.No. of IQAC meetings held during the year	**2**	
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• If yes, mention the amount		

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

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

- Name of the statutory body

Name	Date of meeting(s)
Governing Body	02/04/2022

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020-21	25/01/2022

15.Multidisciplinary / interdisciplinary

ACOE offers UG and PG programmes in various disciplines in engineering and technology and adopts the curriculum prescribed by the affiliating university, JNTUK. Affiliating university

blended programme courses and courses from other disciplines. Learners in all the disciplines will be studying the programme core courses, electives and mandatory courses. This is aimed to enhance the abilities and skills that can facilitate the process to find solutions to complex problems related to core and multidisciplinary /interdisciplinary areas.

16.Academic bank of credits (ABC):

Academic Bank of Credits (ABC) is a virtual/digital storehouse that contains the information of the credits earned by individual students throughout their learning journey. It will enable the students to open their accounts and give multiple options for entering and leaving universities. It is a online entity established by UGC to facilitate the students to become its academic accounts holder thereby paving the way for seamless students mobility between or within degree granting HEIs through a formal systems of credit recognition, credit accumulation, credit transfer and credit redemption to promote the distributed and flexible teaching-learning. ABC facility is being maintained by the Affiliating University, JNTUK for transferring of credits earned by individual students when they choose for entering and leaving university.

17.Skill development:

Skill development is generally used to refer to the productive capabilities acquired through all levels of learning and training, occurring in formal, non-formal, informal and on-the-job- settings. Skill development can reduce unemployment and underemployment, increase productivity and improve standards of living. Helping people develop and update their skills makes economic sense.

ACOE has MoUs with various organizations and provides an opportunity for all the learners to enhance their skill-set through training, fieldtrips, internships, project works, seminars and workshops. Apart from these events, ACOE offers various technical training programmes through Infosys Springboard, Technical Hub (T-Hub) and Andhra Pradesh State Skill Development Corporation (APSSDC). Industrial visits are organized for Students to synchronize theoretical concepts with the real world processes. Affiliating University prescribed skill/job oriented courses, MOOC courses in its curriculum which are being implemented. Apart from this, students and faculty members are encourage to take SWAYAM-NPTEL courses to improve their knowledge and skills.

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

ACOE adopts the curriculum prescribed by the affiliating university, JNTUK and the affiliating university issues all the regulations to implement which incorporates programme core courses along with mandatory courses such as Constitution of India, Environmental Science and Professional Ethics & Human Values etc.

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

ACOE focused on OBE and has clearly stated all the programme outcomes, programme specific outcomes and course outcomes. OBE manuals are prepared and made available to all the people. The various Assessment tools are:

Direct Assessment: (a) Performance in Mid Examinations (b) Performance in End Semester Examinations (c) Laboratory Tests (d) Project Evaluation

Direct Assessment Tools:

Mid Examinations: This type of assessment is carried out through the mid examinations which are held twice a semester. Each and every mid examination is focused on attaining the course outcomes. Mid examinations include Descriptive, Online (Quiz) and Assignment.

End Semester Examinations: End Semester examination is a metric for evaluating whether all the Course outcomes are attained or not. End Examinations focus on attainment of course outcomes through descriptive mode.

Laboratory Tests: Day to day evaluation of student's performance in the laboratories with respect to conduct of various experiments is also taken as criterion for attainment of course outcomes.

Project Evaluation: Evaluation of the student based on the project work is also taken as an important criterion for attainment of course outcomes.

Indirect Assessment:

Indirect assessment is done based on (a) Feedback from the students in the form of Program Exit Survey (b) Exit Survey on

Program Specific Outcomes.

Indirect Assessment Tools:

Program Exit Survey: This survey is conducted at the end of B. Tech. programme to analyze all the program outcomes.

Exit Survey on Program Specific Outcomes: This survey is also conducted at the end of B. Tech programme to analyze all the program specific outcomes.

Attainment of Program Outcomes:

Specific Outcomes Assessment Process:

Direct assessment: Mapping of COs to POs and PSOs. Since Cos are mapped to POs and PSOs, the values of COs are reflected in the respective POs and PSOs in every semester.

Indirect assessment: Graduate exit survey Description: All students leaving the college on completion of program are given feedback forms to give their assessment of POs and PSOs Frequency: Every year from the graduating batch to give their assessment of POs and PSOs POs and PSOs attainment: Final POs and PSOs attainment is calculated as 0.9 x direct assessments + 0.1 x indirect assessment.

Direct Attainment of COs:

Course Outcome attainment level from internal assessment (A): mid exam class average (Mid1 covers CO1, CO2, CO3, and Mid2 covers CO4, CO5 and CO6).

Course Outcome attainment level from university exams (B): class average of end semester exams(for CO1, CO2, CO3, CO4, CO5, CO6)

CO Attainment: 0.25 (A) + 0.75(B)

Indirect assessment: Course end Survey: At the end of each semester a questionnaire is distributed to all the enrolled students and takes feedback on effectiveness of the course. The questionnaire is prepared to know the efficiency and utility of the course outcomes.

Final CO attainment: Final CO attainment is calculated as 0.9 x direct assessment + 0.1 x indirect assessment.

20.Distance education/online education:

ACOE adopts the curriculum prescribed by the university in which students can register for MOOC courses of 12 week duration, one year in advance, by prior information to the authorities concerned. College also motivates the students and faculty members to get the certifications through SWAYAM-NPTEL course.

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**530**

File Description	Documents
Data Template	[View File](#)

2.Student

2.1 Number of students during the year	**2591**

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

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**408**

File Description	Documents
Data Template	[View File](#)

2.3 Number of outgoing/ final year students during the year	**645**

File Description	Documents
Data Template	[View File](#)

3.Academic	
3.1 Number of full time teachers during the year	**157**

File Description	Documents
Data Template	View File

3.2 Number of sanctioned posts during the year	**157**

File Description	Documents
Data Template	View File

4.Institution	
4.1 Total number of Classrooms and Seminar halls	**59**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**260.57**
4.3 Total number of computers on campus for academic purposes	**705**

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 (ACOE) is affiliated to the Jawaharlal Nehru Technological University Kakinada (JNTUK), Kakinada and meticulously plans and develops action plans for effective implementation of prescribed syllabus which is in line with the institution's vision to empower society through quality education. As per the established norms, IQAC of the institution asks all the departments to prepare the curriculum plan before beginning of academic year and the same is consolidated after the necessary approvals. HODs allocate courses to all the faculty

members based on their specialization, experience before the beginning of the semester/academic year and conduct meetings with all faculty members and prepare curriculum plan as per the schedules given by JNTUK which include syllabus coverage, deployment strategies, seminars, guest lectures, workshops and industrial visits as per the requirements along with the cross cutting issues. Teachers are encouraged to deliver the course contents effectively using ICT and other innovative methods. The implementation of curriculum will be monitored continuously by the HoDs and the Principal. If there is any deviation then it will be taken care by the administration by providing necessary solution.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://www.acoe.edu.in/?p=Syllabus

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

ACOE is affiliated to JNTUK and adheres to the academic calendar include the conduct of CIE. College strongly believes that teachinglearning and evaluation are two sides of the same coin. The University mandated assessment is summative assessment. However, there is a need to evaluate the learning on a continuous basis so that customized strategies are made to cause positive interventions in teaching and learning. College has developed a two pronged strategy for the assessment of students on a continuous basis which are Formative and Summative Assessments. Formative assessment includes class tests, slip tests, surprise tests, presentations, seminars, peer teaching, peer learning etc. and evaluated by teachers on day-to-day basis. Summative assessment is mandated by affiliating university includes mid-term examinations, semester-end examinations with credit-based grading system with effect from AY 2016-17 for theory courses and laboratory courses as per the pre-set schedules. Similarly, Project Review Committee (PRC) reviews the progress of students' projects periodically and evaluates the students' performance.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://www.acoe.edu.in/?p=Syllabus

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	View File

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

11

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
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)

12

File Description	Documents
Any additional information	View File
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

1508

File Description	Documents
Any additional information	View File
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

College incorporates the cross cutting issues like gender sensitization, environment and sustainability, human values and professional ethics while preparing the curriculum plan. College promotes good practices to prevent sexual harassment of women and girls students and stern action will be initiated in case of violation of policies, rules and implements zero-tolerance policy. Women Empowerment Cell named as "Nari Sakthi" and Prevention of Sexual harassment committee is named "Abhaya" organizes programmes to create awareness and through which students can know the equality of men and women in the society. Equal opportunities are given to both the genders in terms of admissions, employment, training programs, sports activities etc. Management encourages all the faculty and students to participate in events focusing on women empowerment. Today, industrialization and globalization making the society as concrete jungles leaving the environment with all types of pollutions and it is very important to create awareness among stakeholders to protect the environment.

'Environmental Studies' and 'Professional Ethics and Human Values'
are mandatory courses for all the disciplines of UG programmes to
inculcate the sense of time management, ethics and values. College
implements all the policies to keep the campus as clean and green.

File Description	Documents
Any additional information	View File
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

11

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

1414

File Description	Documents
Any additional information	View File
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://acoe.edu.in/feedback1/
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://acoe.edu.in/feedback1/student.php

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

763

File Description	Documents
Any additional information	View File
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

`340`

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

2.2 - Catering to Student Diversity

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

The Institution plans and implements a systematic approach so that the learners build their skill-set from foundation and to help them to excel in their academics along with the overall development. The institution implements the best practices of teaching-learning with established procedures. Students will be assessed based on their score in qualifying examination at entry level and assessment will be done in subsequent semesters depending on their performance in mid-term examinations. Moreover, faculty members will monitor continuously the students through formative assessment. Learners are guided to take up additional courses such as NPTEL courses, MOOCs, ORACLE certification, Microsoft certification, Tools like MATLAB, Android OS, PS-CAD, MI-Power, P-SPICE, CAD/CAM etc. and they are encouraged to take internships in reputed corporates such as Amazon, Wipro etc. Learners are also motivated to take pre-assessment examinations such as AMCAT and COCUBES to assess themselves and improve further. Major emphasis will be given on communication and special programmes will be scheduled to improve the learner's communication.

File Description	Documents
Paste link for additional information	https://www.acoe.edu.in/uploads/AQARs2021-22/criterias/2/2.2.1.pdf
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
2591	**157**

File Description	Documents
Any additional information	[View File]

2.3 - Teaching- Learning Process

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

College implements student centric methods in the form of clubs, cells and organizes individual and group activities such as technical symposiums, youth festivals, seminars/presentations inside and outside the college project exhibitions, internships/industrial visits. Experiential learning happens through practical, projects, industrial visits, internships and through organizing the events. Participative learning happens through role play, group work, case studies, seminars and presentations in the symposiums organized by the students for the students. Engineering graduate should be in a position to provide meaningful and qualitative solutions to the problems raises in day-to-day life as well as in the society. Students are made to solve the numerical in the prescribed courses in the form of assignments, tests, question and answer sessions and motivated to participate in the events organized inside and outside the campus. All the possible methodologies are adopted by the college to provide better learning experience to the student. Teachers use ICT and other tools and promote self-learning among students along with interactive sessions in the class rooms, Q & A sessions and seminars on course topics/projects.

File Description	Documents
Upload any additional information	[View File]
Link for additional information	[https://www.acoe.edu.in/uploads/AQARs2021-22/criterias/2/2.3.1.pdf]

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

Teachers of the college use ICT enabled tools for effective teachinglearning process. The facilities related to infrastructure

are being upgraded from time to time. Faculty members are at liberty to use any facility whenever necessary. Teachers use chalk and talk, power point presentations, animations and video lectures to visualize the concepts and principles and also use NPTEL video lectures and other E-learning resources such as Udemy, Coursera etc. Teachers demonstrate the experiments during laboratory sessions to enhance the practical knowledge of learners. Teachers also conduct various tests, assessment tests and training tests online. All the class rooms and seminar halls are equipped with LCD projectors with systems, Wi-Fi facility and digital library resources. All the departments are provided with internet facility through local area network. College has the smart classroom and maintains LMS i.e. MOODLE. Teachers were trained to use Microsoft Teams online platform to conduct the online classes for students during pandemic situation and online classes were conducted successfully.

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

136

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

157

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
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

38

File Description	Documents
Any additional information	View File
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

696

File Description	Documents
Any additional information	View File
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.

College maintains internal assessment mechanism very transparently. College developed SOP and implements both formative and summative assessments to evaluate the performance of the students. Formative assessment will be carried out by the course instructors individually during the semester and summative assessment will be carried out as per the norms laid down by the University. Formative assessment will be carried in the form of slip tests, question and answer sessions, presentations, seminars and summative assessment will be implemented through mid-term examinations for 30% and end examinations for 70% as per the University norms. The outcome of theassessment will be notified to the students from time to time immediately after evaluation. Students are motivated and encouraged to focus on academics, if there is any deviation found. Assessment strategies ensure the transparency in the system and make the learners to improve their performance gradually through the duration of study of programme.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://www.acoe.edu.in/uploads/AQARs2021-22/criterias/2/2.5.1.pdf

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

College maintains Grievance Redressal cell and all the students are at liberty to record their grievances in the register, if any. Regarding Formative Assessment, a student is free to contact the concerned class teacher to redress his or her grievances. The continuous evaluation of students is carried out by the faculty members during theory lectures, labs, assignments, unit tests and awarding of marks for internal examinations based on defined strategies and displayed on notice board. In case the grievances are not redressed at the level of the class teacher and HoD, a student can meet the Principal regarding the examinations related grievances. Students can register their grievances in the register located in the examinations cell or can contact the faculty member or HoD/Dean/Principal to resolve any issue relevant to internal examinations. A registered grievance will be forwarded to the person concerned immediately and the HoD concerned will be assigned to take care of it and resolved completely within no time. The defined system of the college is being implemented effectively

File Description	Documents
Any additional information	[View File]()
Link for additional information	https://www.acoe.edu.in/uploads/AQARs2021-22/criterias/2/2.5.2.pdf

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 has adopted OBE approach and accordingly ProgrammeEducational Objectives (PEOs), Programme Specific Outcome (PSOs) and Course outcomes (COs) are developed. Curriculum plan with deployment strategies are prepared and implemented to attain the outcomes. Programme outcomes (POs) are adopted as defined by NBA and vision and mission of the institute are displayed on college website (http://www.acoe.edu.in/index.php?p=Vision-Mission). Similarly, vision and mission of the departments, PEOs, PSOs and POs are also displayed on college web site (http://www.acoe.edu.in/index.php?p=ECE). The outcomes are also displayed in all the class rooms, laboratories and corridors and published in course files. All the outcomes are communicated to teachers and students and induction programmes are organized periodically or as per the need to create awareness on the vision, mission and other outcomes.

File Description	Documents
Upload any additional information	[View File]()
Paste link for Additional information	https://www.acoe.edu.in/uploads/AQARs2021-22/criterias/2/2.6.1.pdf
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.

Institute evaluates the attainment of Programme Outcomes (POs) and course outcomes (COs). Faculty members will prepare the outcomes like COs, CO-PO map matrix, lesson plan, delivery strategies before commencement of class work and continuous evaluation will be carried out in the form of slip tests, presentations, seminars and adopts formative and summative assessments to assess the

performance of students. CO-PO mapping would be carried out on a 3-point scale. Summative assessment will be considered to calculate the attainments of outcomes for theory and laboratory courses. Attainments are computed by taking 30% weightage for internal examinations and 70% weightage for external examinations for theory and laboratory courses. If the computed attainment is more than the set target then it is taken as 'Target achieved' otherwise 'not achieved'. In both the cases, the observations are noted and analyzed and proposed action will be implemented to improve further. All the outcomes are recorded in course files maintained by the faculty members and they are evaluated by the Head ofDepartment/Dean/Principal.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://www.acoe.edu.in/uploads/AQARs2021-22/criterias/2/2.6.2.pdf

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

519

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	[View File](#)
Paste link for the annual report	https://www.acoe.edu.in/uploads/AQARs2021-22/criterias/2/2.6.3.pdf

2.7 - Student Satisfaction Survey

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

https://www.acoe.edu.in/uploads/AQARs2021-22/criterias/2/2.7.1.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

10

File Description	Documents
Any additional information	View File
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

15

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

1

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

ACOE created an eco-system for innovations and creativity by providing the necessary infrastructure with resources. All the students are motivated to take up innovative projects to enhance their competency levels to grab the colorful opportunities.Similarly, all the teaching staff members are encouraged to take up research activities and publish their work in the form of patents, research publications, grants etc. Research and development cell monitors and addresses the all the research activities.

ACOE initiated and established Technical Hub (T-Hub), Teaching-Innovation lab (TI lab), Students Activity Council (SAC) to boost the learning, application of theoretical concepts to real life problems, design the systems etc.

T-Hub focus on technical skills of the students by providing the skill-development courses and conducting various events such as Project Space, T-Connect, Game-A-Thon, CODE, OwlCoder, regularly to improve the professional competency among the students. TI lab works in association with Texas Instruments India where students can come up with their ideas to turn them into projects under the guidance of faculty members. SAC is student-led venture accelerator that fosters the development of entrepreneurs in the college through educational experience thus initiated an eco-system for business from concept to launch.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.acoe.edu.in/uploads/AQARs2021-22/criterias/3/3.2.1.pdf

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

9

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
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

2

File Description	Documents
URL to the research page on HEI website	https://www.acoe.edu.in/uploads/AQARs2021-22/criterias/3/3.3.1.pdf
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

72

File Description	Documents
Any additional information	View File
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

29

File Description	Documents
Any additional information	View File
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

ACOE conducts extension activities regularly by involving the students for sensitizing students to social issues and for their holistic development. Students are motivated to participate in various activities such as Blood donation camps, Swach Bharat programmes conducted in neighbouring villages, Health awareness programmes and other community development programmes etc. All the students are encouraged to participate in the extension activities to inculcate the social responsibility among the students and to promote social justice. Participation of students in such activities allows them to understand the lifestyles and standard of living.

ACOE has NSS unit with a motto, "NOT ME BUT YOU"that promotes moral, emotional, social, spiritual development as well as the National Solidarityamong the students. Students through NSS unit contribute to improve the social and health development of villagers and slum dwellers. Students and staff members create

awareness among the neighbouring communities about the democratic living, welfare of individual, family and thus the whole society.

Students and staff members of the college extend their meritorious services to the local governance as well as the State and Central Governments such as participation in Live Web-Casting during Panchayat, Assembly elections in the district.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

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

1

File Description	Documents
Any additional information	[View File](#)
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

12

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

635

File Description	Documents
Report of the event	No File Uploaded
Any additional information	View File
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

32

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	View File
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

6

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
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 (ACOE) is located in a lush green campus with serene environment, spread across in 11.27 Acres of land. ACOE is maintaining its infrastructure as per AICTE norms and utilizes all the facilities optimally based on the requirements. ACOE has adequate number of class rooms with proper ventilation and necessary furniture to accommodate 60 students for theory sessions. ACOE has developed 11,997 Sq.m. as instructional area.

ACOE has seven seminar halls with LCD projectors, computers with internet connectivity and public address system. ACOE has 777 computers and all those are connected through LAN.

ACOE has 2196.12 Sq. m. as administrative area and contains the board room, spacious office with all required facilities, cabins for heads of the departments, dining halls etc. Faculty cubicles are provided with furniture, Wi-Fi facility.

Students' amenities area of 1656 Sq. m., circulation area of 4,400.00 Sq. m along with standard rest rooms and wash rooms separately for boys and girls comprising a total area of 20,466

Sq. m.

Central library is being maintained with adequate number of books, journals, magazines, news papers and a variety of books related to all competitive examinations and can accommodate 250 students and faculty at a time.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.acoe.edu.in/?p=classrooms_laboratories_seminar_halls

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

ACOE provides adequate facilities for the students to participate in sports and games. Outdoor and indoor games facilities available in the campus are effectively used by the students during and after working hours. Facilities for the outdoor games such as Basketball, Throw Ball, Cricket, Hockey, Volleyball, Ball Badminton, Foot Ball, Kho-Kho and Kabadi etc and the indoor game facilities for Table Tennis, Caroms, Chess, are available.

ACOE has gymnasium spread over 13mX12m in size and yoga hall of 45mX20m size. Seminar halls are used for the cultural activities

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.acoe.edu.in/uploads/AQARs2021-22/criterias/4/4.1.2%20SUPPORT.pdf

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

59

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.acoe.edu.in/?p=classrooms_laboratories_seminar_halls
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)

77.59

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)

ACOE campus has a spacious Central Library with an area of 900 Sq m. The faculty members and students of the institution utilize the library for continuous learning and to enhance their knowledge. The Library is well equipped with a reading capacity of 250 readers and is also Wi-Fi enabled. Digital Library has 20 computer systems. The Central Library has various Text books, Reference Books, eBooks, Journals, Magazines, e-Journals, Project Reports, Tutorials and NPTEL Video Lessons related to engineering and allied subjects. The library has a reading room and reprographic system to provide photocopies of essential / important portions to the students.

Library Automation: Library is automated using Integrated Library

Management System (ILMS)

Name of the ILMS – ECAP Year of Automation from 2008 to 2017 EZ-SCHOOL and from 2018

ECAP – Advanced version 5.0

Technology: Barcode

Partial / fully - Fully Automated

Available bandwidth: 100Mbps

Library Working Hours: Monday to Saturday: 8.00 AM. TO 10.00 PM.

Sunday: 9.00 AM. TO 1.00 PM.

Number of Librarians: 5

Library support staff : 2

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://www.acoe.edu.in/uploads/AQARs2021-22/criterias/4/4.2.1%20SUPP.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)

10.62

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

588

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

ACOE is committed to provide the best and the state of the art infrastructure facilities as per the requirements of the Statutory bodies as well as that of the stakeholders. IT infrastructure is continuously upgraded to promote better teaching-learning facilities, research facilities and general facilities in consultation with the stakeholders.

Up gradation of IT and ICT facilities has been happening from time to time. Internet facility is provided with two separate bandwidths, i.e. 100 MBPS and 400 MBPS from BSNL. Both lines will be used separately for academics and examination purposes.

Internet services are available 24 x 7 in providing all the required resources. The institution has established a local area network with network points in all departments, laboratories and in hostels. Wi-Fi routers are provided at different points to

provide internet access for all the students and faculty members. Server configuration includes high power computing Dell Power Edge R730 Server with 3.6 TB capacities. Enterprise firewall checkpoint has been deployed for providing a secure campus network in the ACOE.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://acoe.edu.in/acoe/uploads/NAAC/4/4.3.1%20support.pdf

4.3.2 - Number of Computers

705

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

160.82

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.

- **ACOE Maintenance committee along with the Administrative Officer who in turn monitors the work of the Supervisor at the next level. The Supervisor is accountable to the Administrative Officer and functions as the coordinator who efficiently organizes the workforce, maintaining duty files containing details about their individual floor - wise responsibilities, timings, leave etc. The Administrative Officer conducts periodic checks to ensure the efficiency / working condition of the infrastructure.**

- **Adequate in-house staff is employed to meticulously maintain hygiene, cleanliness greenery and infrastructure on the campus so as to provide a congenial learning environment. Classrooms, Staff rooms, Seminar halls and Laboratories, etc are cleaned and maintained regularly by Non - teaching staff assigned for each floor. Apart from contract workers, ACOE have trained in-house maintenance staff to rectify minor problems/maintenance. Maintenance of physical infrastructure is monitored by building supervisor and supervised by Administrative Officer. Any issues/complaints related to maintenance of infrastructure will be registered and the building supervisor will assign the work to the concerned and ensures that it will be resolved.**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.acoe.edu.in/uploads/AQARs2021-22/criterias/4/4.4.2%20SUPP.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

1745

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
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

1153

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	https://www.acoe.edu.in/uploads/AQARs2021-22/criterias/5/5.1.3.pdf
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

1422

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

1422

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

380

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

21

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

45

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
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.

7

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

Institute firmly believes that students' representation and engagement in various administrative, co-curricular and extracurricular activities because it is beneficial to the

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students to get all-round exposure such as career aspects, meet the new people, improvement in communication, presentation etc. when they involve in different activities. For this reason, institute provides the student community with all possible opportunities to participate in various academic and administrative bodies to share their views and suggestions. Students-led committees like students' council, Students Activity Council (SAC) conduct various activities along with NSS unit of the college. Students participation is highly encouraged in different activities include sports and games to increase discipline; democratic outlook; social harmony; spirit of oneness; cultural and academic development; healthy relationship between students and teachers; leadership; self-reliance. Students are made as members in all the committees and they try to attend the meetings and observed that students also participate actively in all the activities. Students' representation and engagement in various administrative, co-curricular and extracurricular activities of the college, is presented here. The URL is https://acoe.edu.in/?p=IQAC#tab10

File Description	Documents
Paste link for additional information	https://www.acoe.edu.in/uploads/AQARs2021-22/criterias/5/5.3.2.pdf
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

25

File Description	Documents
Report of the event	View File
Upload any additional information	View File
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

Aditya Alumni Association (AAA) is registered with 20 members initially. It is functional from then, highly active and supportive for the wellness of the institute. It has a governing body with President, Vice president, Secretary, Treasurer and General Secretary. College feels proud of its Alumni association which extends its direct and indirect help to the college and to the students through various means. Alumni of our college are placed in prestigious companies like AWS, TCS, INFOSYS, Tech Mahindra, Caliber Technologies etc. Alumni association contributes significantly through financial and non-financial means. They provide feedback on the infrastructure, facilities and suggestions on the syllabus depending on the industry trend.

Alumni meet will be conducted every year and alumnus participate actively in the meet. Further, they share their experiences from campus life to career. Alumni those who are willing to interact with the present students are invited to share their own experiences in the class rooms. Alumni association also contributes financially to help poor students and the URL of Alumni association body is https://acoe.edu.in/?p=alumni.

File Description	Documents
Paste link for additional information	https://www.acoe.edu.in/uploads/AQARs2021-22/criterias/5/5.4.1%20Alumni%20Cell.pdf
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 of the Institution:

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 of the Institution:

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 (ACOE) has strong Governing Body (GB) headed by Dr N. Satish Reddy, President, was established by Sarojini Educational Society in 2008 with the motto of providing quality education and quality training programmes to young

aspirants. Governance and leadership is highly supportive and provides the necessary infrastructure to achieve the goals by providing the policy support, material support and efficient human resource in the form of teachers and non-teachers. GB comprises eminent personalities from the Society, Academicians, Faculty representatives, representatives from State Government and University. Institute is academically and administratively headed by the Principal and is the Member Secretary of GB, assisted by Dean (Academics & Administration), Heads of the departments, Internal Quality Assurance Cell (IQAC), Administrative Officer, and Coordinators of various Institute level Committees.

File Description	Documents
Paste link for additional information	https://www.acoe.edu.in/?p=Vision-Mission
Upload any additional information	View File

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

ACOE adopted decentralized and participative management system in implementing the policies to carry out the academics and other activities effectively. College believes in delegating the responsibilities at various levels which facilitates by involving the people and their suggestions towards the growth of the organization. Faculty members and students are also involved as a part of decision-making process by making them as members of various committees. Further, the stakeholders-Faculty members, Students, Parents and Alumni have participative roles in various committees, meetings to share their views and suggestions. Decentralization and participative mechanism is implemented at departments' level also. Feedback from stakeholders is very crucial in shaping the college; therefore, feedback is collected from stakeholders and will be used in making/modifying the policies and plan. IQAC members frame the perspective plan based on the feedback and presented to the GB for discussion and approval. Institution's policy encourages all its employees to participate in decision-making process effectively.

For example, Anti-Ragging Committee comprises faculty members and students from different disciplines which is headed by the Principal conducts meetings and discusses the points of agenda. Resolutions will be made based on the discussion and they will be implemented strictly.

File Description	Documents
Paste link for additional information	https://www.acoe.edu.in/?p=IQAC#tab10
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

ACOE deploys its strategic/perspective plan effectively.

Case study of successfully implemented Strategic Plan:

- **The vision of the college is to attain continuous growth through technology. In line with the vision of the college, staff and students have proposed a mechanism to reduce the dependence on conventional energy sources and switched to better method for growth by taking the advantage of Renewable energy sources like solar energy which is abundant in nature.**
- **Solar power plant has been installed to convert solar energy to electrical energy, this process enabled us to reduce the consumption of electricity from the grid thereby reducing our expenditure on power bills. Solar power plant has the generating capacity of 300 KW. 929 solar panels, each with 0.325 KWh capacity is used to generate the total DC power, which is inverted into AC by using 6 Inverters of each with 50 KVA capacity.**

The amount of energy which is generated by the solar panels is directly supplied towards load and the remaining energy can be taken from the grid.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.acoe.edu.in/uploads/AQARs2021-22/criterias/6/6.2.1.pdf
Upload any additional information	View File

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.

Governing Body (GB) is the apex authority which decides the direction, making and implementation of policies, decisions related to finance and infrastructure ensures the quality of the system. Chairman/Vice Chairman conducts review meetings periodically or as and when required with the Principal, Dean, HoDs and other senior staff members to check the progress related to academics, research and administration. Principal is the head of the college and makes the decisions pertaining to academic and administrative strategies and will be the Chairman of all committees. Principal executes all the policies, implements the strategies, prepare the reports and submit to GB. All the grievances will be redressed appropriately by the committees at the earliest. Heads of the departments will be the In-Charges for their respective departments and Administrative officer is the In-Charge of all administrative functions such as maintenance, transport, canteens etc. Policies and procedures have been established for the staff appointments, promotions, service rules, code of conduct, discipline in the campus, incentives and welfare of students and staff. All the norms and policies will be conveyed to all the stakeholders from time to time and the same will be displayed through the college web site also.

File Description	Documents
Paste link for additional information	https://www.acoe.edu.in/uploads/ACOE-Policy%20manual.pdf
Link to Organogram of the institution webpage	https://www.acoe.edu.in/index.php?p=organizational_structure
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	View File
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

College considers staff as its strength that plays a key role in the development and growth. College initiated several welfare measures to enrich psychological and physical health of all its employees and create better work environment. The motive of creating a better and vibrant atmosphere is that the talent pool can teach, guide and inspire the young engineering aspirants and can contribute the best. College implemented effective welfare measures for teaching and nonteaching staff for both professional and personal growth and they are Transport, Group insurance, ESI, PF, Canteen, Summer vacation, Maternity/Paternity leave, Medical leave, Fee concession to the children of employees, Research/Publication incentives, Sponsorship for Training programmes and online courses, Promotions as per norms, Compensatory/Special leave, Fee towards professional bodies membership, OD (On-Duty/Official duty) will be granted to staff members when he/she is deputed official work, Uniform for all technicians/non-teaching staff, Salary advance will be provided to the needy and is recoverable against their salary.

File Description	Documents
Paste link for additional information	https://www.acoe.edu.in/uploads/ACOE-Policy%20manual.pdf
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

112

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

6.3.3 - Number of professional development /administrative training 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

12

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
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

117

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

College implements the performance appraisal system for teaching and non-teaching staff based on the key performance indicators and specific formats will be used for this purpose. Name, qualifications, experience, subjects taught, results, feedback of the students, pass percentage, mentoring, discipline, conferences/workshops attended, books published, research publications in conferences and journals, administrative responsibilities taken along with the remarks of HoD for all the teaching staff members and submitted to the Principal for further processing. In a similar way, Name, qualifications, experience, discipline and responsibilities taken along with the remarks of HoD for all the non-teaching staff and submitted to the Principal.

HoD will interact with every employee and remarks will be posted and forwarded to the Principal for evaluation. Final evaluation will be carried out by the panel consist the Management representative, the Director and the Principal and appraisal will be made in terms of increment/promotion based on the final evaluation.

The appraisal system of the college proved to be good among all employees in bringing the extraordinary performances, underperformers, the impact of statistics and qualifications, healthy discussion, motivation to improve further, set a goal to achieve in future and overall growth and development of individual and college.

File Description	Documents
Paste link for additional information	https://www.acoe.edu.in/uploads/AQARs2021-22/criterias/6/6.3.5.pdf
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

The institution has adequate mechanism for financial auditing by both Internal and external auditors. Internal Audit is performed by officials deputed from the society periodically and the reports are obtained before conducting of the external audit which is normally done after the closure of the accounts in all respects. Internal Audit carry out both financial and systems audit regularly and submit quarterly reports and external audit is done by the statutory auditors after completion of financial year. Statutory auditors audit the financial and statutory compliance aspects of the college as per the Companies Act 2013 and the Income Tax Act 1961. For Aditya College of Engineering, external audit is carried out by M/s V. V. Satyanarayana, Charted Accountant with membership No: 022084. Therefore, internal audit and external audit is being conducted by the financial professionals regularly.

File Description	Documents
Paste link for additional information	https://www.acoe.edu.in/uploads/AQARs2021-22/criterias/6/6.4.1.pdf
Upload any additional information	View File

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	View File
Any additional information	View File
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

College is a self-financing institution and mobilization of funds is done through tuition fee from students which will be received from Government of Andhra Pradesh under fee-reimbursement scheme. Further, fee collections for the other services rendered to the students for example, student transportation fee, hostel fee, registration fee collections for workshops and skill enhancement activities, grants received from government bodies, non-government bodies, philanthropists and alumni. Utilization of funds: Budgets will be allocated to each department to meet the annual expenses and monitored for proper utilization based on their proposal. In the beginning of academic year, every department proposes their budget and total budget will be consolidated by the principal which will be reviewed and approved by the Governing body. Funds will be utilized for infrastructure development and salaries, campus maintenance, training, laboratory consumables, library books, expenses for workshops, events, club activities, faculty development and student skill development programmes etc.

File Description	Documents
Paste link for additional information	https://www.acoe.edu.in/uploads/AQARs2021-22/criterias/6/6.4.3.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

IQAC implemented the following two practices:

Practice 1: Facilitating Digitization of Teaching-Learning

Process:

Learning Management System (LMS) is an integral part of the teaching-learning process had initially got cognizance in the year 2018, and following practices are ensured.

Creating Updated LMS Contents: Course instructors ensure the availability of updated video lectures and study materials in alignment with the lesson plan.

Ensuring Quality and Utilization: To ensure the quality and utilization of LMS content, feedback and usage reports are collected from students at the end of the semester.

Using LMS as Assessment Tool: Course instructors upload assignments and quizzes in the LMS to assess the students.

Practice 2: Implementation of Outcome-Based Education (OBE):

OBE is another initiative implemented successfully by IQAC and organized the workshops by inviting experts to explain OBE approach to all the teaching staff members. As a part of this initiative, teaching staff prepared programme educational objectives (PEOs), programme specific outcomes (PSOs) and teaching staff members are able to write course outcomes (COs), correlation of COs with POs and PSOs, Preparation of question papers using Blooms Taxonomy levels of learning and attainment of POs, PSOs for each course which facilitates to implement OBE in the college.

File Description	Documents
Paste link for additional information	https://www.acoe.edu.in/?p=IQAC
Upload any additional information	View File

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

Example 1. Review Mechanism of Teaching-Learning Process:IQAC verifies some contextual review items periodicallyto ensure the quality of various academic aspects. The nature of the data collection by IQAC from variousinstitutional departments/units for review is outlined below.

The following reports/information/data items are collected from each Department: Course files containing lesson plans in alignment with the Academic Calendar, Time Tableand availability of learning resources are collected at the beginning of the semester.Syllabus coverage, availability of course materials, number of conducted classes, attendance reports, course assignments, and the respective student performance reports are collected.

Example 2. Review Mechanism of Attainment of Course Outcomes(COs), ProgramOutcomes(POs), Program Specific Outcomes (PSOs) :

In order to ensure the attainment of learning outcomes, the Institute follows the Outcome-based Education(OBE) process. In this context, IQAC reviews the attainment of COs after publishing end-semester results. IQAC also reviews the attainment of POs & PSOs for each program after completion of each academic session. Gap analysis between attainment level and target level is carried out. If the attainment ofCOs, POs, and PSOs are achieved, then IQAC suggests increasing the target level. However, if the target level of attainment is not achieved, IQAC suggests taking necessary action.

File Description	Documents
Paste link for additional information	https://www.acoe.edu.in/?p=IQAC#tab7
Upload any additional information	View File

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)	A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://www.acoe.edu.in/IQAC/2021-22%20MINUTES%20OF%20MEETING.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
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

Institute, society and nation. The Institute has approximately 29.73% of girl students and around 29.01% of female staff out of which 20.6% of female staff are holding the administrative positions. In order to promote gender equity in the institution the following measures are taken: Awareness programs are conducted on women safety, Career Opportunities and life-style based disorders.

Internal Complaints Committee addresses the grievances related to gender safety and security.

Encouraging female students in all curricular, co-curricular and extracurricular activities.

Separate placement drives are conducted for female students. Separate hostel facility and common rooms are available for female students and staff. Staff quarters are provided in the campus. Security guards are positioned across the Institute to look after the security of the students.

Extensive surveillance network with 24x7 monitored control rooms.

Sanitary napkin vending machines are provided in the common rooms in order to promote health and hygiene.

File Description	Documents
Annual gender sensitization action plan	https://acoe.edu.in/uploads/AQARs2021-22/criterias/7/1%20MAIN.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://acoe.edu.in/uploads/AQARs2021-22/criterias/7/2.pdf

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	View File

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

College is committed to provide a sustainable campus which is eco-friendly with energy conservation system and has appointed separate teams for gardening and beautification by planting several saplings. College implements Swachh Bharat Abhiyan campaign and conducts related activities such as "Haritha Haram" programme, cleaning of roads, solid and liquid waste disposal and management.

College initiated all the measures to manage all types of wastes generated in the campus such as colored bins, paper-less administration, composting of bio-degradable waste, No plastic Collection of sewage water and recycling and use for gardening and cleaning, refilling of cartridges, recharging/replacing of batteries, donating old electronic equipment to poor students in rural areas, disposal of obsolete items through certified E-Waste recyclers (M/s Veera waste management systems), proper monitoring

when students work with chemicals, gases to avoid reactions and hazards, reuse of wooden scrap by mending damaged furniture

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`

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	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	`A. Any 4 or all of the above`

File Description	Documents
Geo tagged photographs / videos of the facilities	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).

The institute is successfully diversified since its inception and has been at the forefront of inclusivity efforts. It brings together the student body as well as the faculty and staff, who belong to different walks of life. Inclusivity efforts are best shown through versatile religious and cultural events which the institute celebrates with pride. The events are not only crated to fit the co-curricular aspects but also focuses in bringing cultural, regional and communal harmony through Saraswathi Puja, Onam Day, Mother Language day, Janmashtami and so on. In terms of sociological inclusivity efforts, the institute has been proud receiver and patron of several financial assists meant to help students with strained financial condition. The college has built its inclusivity efforts around the principles of Equality. The institute also hosts several international students from different countries and faculty from different states of the country, apart from the medley of regional people. The student and faculty fraternity, despite its rich diversity, stands strong in unity. This is possibly the best way that the institute displays its regional inclusiveness

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	[View File](#)

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

The Institute believes not only in laying strong academic foundation for the students but also in bringing up the culture of abiding to the constitutional obligations. As part of this, on 26th November of every year the Institute celebrates Samvidhan Divas (Constitution Day) to remember and remind the democratic rights. Vigilance awareness week is celebrated in the institute with oathtaking ceremony for reaffirmation of Right against Exploitation. The institute also celebrates International Anti-Corruption day on 9th December of every year. The institute also celebrates National Voters Day on 25th January with briefing the importance of voting and encourages young voters cast their vote

without fail. The Institute also celebrates National Unity Day on 31st October of every year to spread the need of unity among the countrymen. The Institute organizes oath taking ceremonies, seminars and webinars every year on these days. Courses on Professional Ethics and Human values, Constitution of India are made essential part of the curriculum for the students. Professional Ethics and Human Values course covers professional as well as personal ethics and values that one needs to learn in order to become a responsible and proud citizen

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://acoe.edu.in/uploads/AQARs2021-22/criterias/7/1.7.1.9%20competitions-1.pdf
Any other relevant information	https://www.acoe.edu.in/uploads/AQARs2021-22/criterias/7/1.7.1.9%20competitions-1.pdf

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	View File

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

College is committed to provide value based education to achieve holistic development of students and also observes/celebrates commemorative days, events and festivals predominantly. As a part of it, national festivals such as Independence Day, Republic Day and Gandhi Jayanthi will be celebrated along with activities after flag hoisting to create sense of nationalism, patriotism and social responsibility by conducting essay writing, debates, group discussions and invited lectures. College also celebrates/observes International Womens' Day by inviting women achievers to share their experiences along with case studies, Newton day, Earth day, Ozone day, National youth day, Netaji's birth day, Martyr's Day, National Science Day, International Yoga Day, World Environmental Day, Teachers Day, Engineers Day, NSS Day, World AIDS Day and organizes 'No Plastic' campaign. Various activities will be organized to create awareness and importance of commemorative days among the students.

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	View File

7.2 - Best Practices

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

Today's global industrial scenario require professionals with a wide range of knowledge and skill sets, including the ability to lead team-centered projects, contextualized problem formulation, proficiency in communicating across disciplines and hands-on experience. As there is growing demand for skilled professionals in various sectors, the institute aims to produce skilled professionals to fill the demand.

The Practice:

The Institute provides training along with certification to

students based on industry requirements in different domains from programming to automation like Data science, Software development, Android development, Cyber Security, Robotics, Mechatronics etc., Special focus is also given on communication and soft skills, so that they can be ready for the industry by enhancing their knowledge as well as skills.

Accordingly, the Institute has focused its efforts in educating future professionals in high-demand fields including

File Description	Documents
Best practices in the Institutional website	https://acoe.edu.in/uploads/AQARs2021-22/criterias/7/best%20practices.pdf
Any other relevant information	https://acoe.edu.in/uploads/AQARs2021-22/criterias/7/best%20practices.pdf

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

Aditya college of Engineering has made its flag flying high with its record placements in the last five years. At Aditya, we believe employability is more than a skill; it is an attitude, it is a practice. So, we instill this attitude through continuous training in learning skills, behavioral skills, life skills in addition to aptitude and communication skills. And this training starts in the first year of engineering itself. Specific Campus Recruitment Training programs are conducted in the third year, with an emphasis on problem solving, critical thinking, communication skills and team work. It stands as the leading edge empowering its student to be an employee during the completion of the course. The sculpting of the students starts from the first year of their course with a well designed training through various off line and online programmers to keep the learners on track catering to the needs for employment in training process besides academics. Much emphasis is laid on the skills development that really nurtures the students to improve Technical, Logical, Analytical and Verbal skills

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. To strengthen teaching-learning process through development of e-content.

2. To improve the research competency by encouraging faculty to publish in Web of Science and Scopus indexed journals.

3. To get recognition for research centre in department of ECE and renewal of research centres of CSE, EEE and Mechanical by the affiliating university.

4. To orient faculty through capacity building with regard to NAAC, NBA and NIRF accreditations.