



## YEARLY STATUS REPORT - 2021-2022

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	Annasaheb Dange College of Engineering & Technology, Ashta
• Name of the Head of the institution	Dr. Vikram S. Patil
• Designation	Director
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	8600600700
• Alternate phone No.	8600600700
• Mobile No. (Principal)	8600106350
• Registered e-mail ID (Principal)	director@adcet.in
• Address	Annasaheb Dange College of Engineering & Technology
• City/Town	Ashta
• State/UT	Maharashtra
• Pin Code	416301
<b>2.Institutional status</b>	
• Autonomous Status (Provide the date of conferment of Autonomy)	08/06/2017
• Type of Institution	Co-education
• Location	Rural

• Financial Status	<b>Self-financing</b>				
• Name of the IQAC Co-ordinator/Director	<b>Kiran Jinpal Burle</b>				
• Phone No.	<b>9766250246</b>				
• Mobile No:	<b>9766250246</b>				
• IQAC e-mail ID	<b>dean_qa@adcet.in</b>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://adcet.ac.in/ADCET/assets/pdfs/AOAR%2020-21.pdf">https://adcet.ac.in/ADCET/assets/pdfs/AOAR%2020-21.pdf</a>				
<b>4.Was the Academic Calendar prepared for that year?</b>	<b>Yes</b>				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://adcet.ac.in/ADCET/assets/pdfs/Academic%20_Calendar2021-22.pdf">https://adcet.ac.in/ADCET/assets/pdfs/Academic%20_Calendar2021-22.pdf</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>A</b>	<b>3.01</b>	<b>2015</b>	<b>01/03/2015</b>	<b>31/12/2022</b>
<b>6.Date of Establishment of IQAC</b>			<b>01/01/2013</b>		
<b>7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?</b>					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	
<b>8.Provide details regarding the composition of the IQAC:</b>					
• Upload the latest notification regarding the composition of the IQAC by the HEI	<a href="#">View File</a>				
<b>9.No. of IQAC meetings held during the year</b>			<b>4</b>		
• Were the minutes of IQAC meeting(s) and	<b>Yes</b>				

compliance to the decisions taken uploaded on the institutional website?	
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded
<b>10. Did IQAC receive funding from any funding agency to support its activities during the year?</b>	<b>No</b>
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>	
<p>curriculum development and enrichment to fulfill regional and global needs Inclusion of value added course and its structure UHV courses and faculty training Best Practices and institutional distinctiveness Emphasis on Extension Activities</p>	
<b>12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:</b>	
Plan of Action	Achievements/Outcomes
Implement Activity based teaching learning and assessment	Teaching has made more student centric. ISE are based on activities only.
teaching learning process & monitoring the academics	carry out the Academic Audit at the End of Every Semester
International Conference planning	Conference was conducted
Planingng of extension activities	Through NSS and other student bodies many activities are done
<b>13. Was the AQAR placed before the statutory body?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name of the statutory body	Date of meeting(s)
<b>IQAC</b>	<b>04/11/2022</b>

<b>14. Was the institutional data submitted to AISHE ?</b>	<b>Yes</b>
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- Year

Year	Date of Submission
2021-22	23/03/2022

**15. Multidisciplinary / interdisciplinary**

We have begun integrating curriculum and course evaluation in a multidisciplinary manner, taking into consideration the need for education in a multidisciplinary field. Each department offers open electives that are included in the curriculum structure itself and are being taken by students from other departments. We have designed all of the structures, including the courses in humanities, fundamental sciences, core subjects, professional electives, and open electives, in accordance with the AICTE's guidelines for curriculum structuring, and a suitable weight in terms of credits has been assigned to it in the structure. Additionally, every programme here offers an honours degree and a minor degree, allowing students to join various departments or fields of study for their all-around development. The institution offers flexible and innovative curricula that includes credit-based courses and projects in the areas of community engagement and service, environmental education, and value-based towards the attainment of a holistic and multidisciplinary education.

**16. Academic bank of credits (ABC):**

Institute has registered with NAD. Inline with NEP 2020 institute has started making policies which to be implemented from upcoming academic year. First year students are being registered with ABC, the process is initiated.

**17. Skill development:**

The institution is ensuring that students' skill development in all ways.

Technically, we offer a variety of supplemental courses, value-added courses, and communication courses to give students the chance to develop themselves holistically in addition to taking regular engineering courses.

Along with this, all departments have added yoga classes, music lessons, ethics classes, and Constitution of India courses to help students develop additional life skills.

The courses in the curriculum focuses on Entrepreneurship, Employability and Skills.

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

Institute is planning to train faculties to provide the classroom delivery in bilingual mode (English and vernacular)

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

Entire Curriculum is developed and implemented as per local, national, regional and global developmental needs and it is reflected in POs and PSOs and COs. Each programme designs curriculum with professional body called BoS(Board of Studies) which is comprised of members from well-known academic institutes like IIT's, NIT's as well as from industry. Alumni members who are working in current technologies are also part of the BoS. There is periodical curriculum revision for assured graduation outcomes. This practice is well exercised and ensure through the curriculum which helps to attain the Program Outcomes, Program Specific Outcomes and Course Outcomes.

**20.Distance education/online education:**

Final Year B.Tech Students are doing their internship in various industries. Because of this these students are in different location, and they cannot attend the sessions in institute. To ease the completion of internship and study of other courses in same semester, institute conducts those course online in the evening or on weekends.

**Extended Profile**

**1.Programme**

1.1 10

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

**2.Student**

2.1 **2651**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>

2.2 **788**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.3 **2616**

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

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 3.Academic

3.1 **586**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.2 **148**

Number of full-time teachers during the year:

## Extended Profile

### 1. Programme

1.1	<b>10</b>
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 2. Student

2.1	<b>2651</b>
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>

2.2	<b>788</b>
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.3	<b>2616</b>
Number of students who appeared for the examinations conducted by the institution during the year:	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 3. Academic

3.1	<b>586</b>
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.2 Number of full-time teachers during the year:	<b>148</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.3 Number of sanctioned posts for the year:	<b>148</b>
<b>4. Institution</b>	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	<b>203</b>
4.2 Total number of Classrooms and Seminar halls	<b>44</b>
4.3 Total number of computers on campus for academic purposes	<b>1032</b>
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	<b>1360.94812</b>

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curriculum Design and Development

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

The curricula for the various programs have been formulated in accordance with the guidelines of AICTE, affiliating university, involving the stakeholder's feedback and are in tune with the vision and mission of the Institution to meet the local/ national/ regional/ global developmental needs of the society. The institution strives to produce good quality engineers to meet the requirement of diverse industries such as infrastructural



development, manufacturing, design and analysis, information technology, electrical, electronic, communication, food technologies, aeronautical etc. The Graduate Attributes are adopted as Program Outcomes. Program Specific Outcomes for each program have been formulated to ensure the attainment of domain-specific knowledge and skills in relation with course outcomes. The curriculum is formulated in tune with the PO's and PSO's and is modified at regular intervals by the Boards of Study of each program. The curriculum consists of Humanities, Basic and Engineering Sciences, Professional Core subjects, Open and Professional Electives, skill development courses, mini-projects, laboratory work and project work as per the guidelines provided by AICTE. Technical report writing and Language laboratory enhance written and verbal communication skills. Study of fundamental concepts of basic sciences enables the students to understand and apply them to solve engineering problems. Students learn various important concepts in professional core subjects and also advanced concepts in professional elective subjects which enhance their analytical and problem-solving skills. Study of open electives belonging to other branches of engineering paves the way for an interdisciplinary approach to learning.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	<a href="https://www.adcet.ac.in/CURRICULUM/AEROCurriculum.php">https://www.adcet.ac.in/CURRICULUM/AEROCurriculum.php</a>

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

8

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

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

321

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

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

74

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

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

10

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

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

**Gender Equality: ADCET inculcates social values relevant to**

gender, environment and sustainability, human values and ethics by incorporating relevant courses in the curriculum and by conducting supporting activities for the staff and students to develop a vibrant atmosphere on the campus. ADCET provides equal opportunities to the students, faculty and staff in all spheres without any gender discrimination. Presently, around 30% of the students in the college are girls and 25% of the faculties and staffs are females. A course on Professional Ethics and Human Values [PEHV] has been included in the curriculum in which gender equality is taught to all UG students.

**Environment & Sustainability:** In order to inculcate the importance of environment and sustainability, courses such as Air Pollution Management, Environmental Impact Assessment, Renewable Energy Sources, Energy Auditing and Energy Management, Green Computing, Wastewater Treatment, Energy Management in Process Industries, Industrial Wastewater Treatment, Bio Energy Conservation Technologies and Environmental Studies are offered as open elective courses to all students in the curriculum. A course on Environmental Science is provided as a mandatory course for all UG programmes.

**Human Values and Professional Ethics:** To ensure holistic development and value-based education, courses on Value Education and PEHV /Universal Human Values have been included in the curriculum. Yoga education is provided to all UG students and two exclusive yoga halls are available in the institution with one regular yoga master. Faculty members of ADCET have been trained through AICTE - FDPs on Universal Human Values.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

25

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	No File Uploaded

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

1736

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

1865

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.4 - Feedback System

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

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://adcet.ac.in/ADCET/Feedback%20on%20Curriculum.pdf">https://adcet.ac.in/ADCET/Feedback%20on%20Curriculum.pdf</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://adcet.ac.in/ADCET/Feedback%20on%20Curriculum.pdf">https://adcet.ac.in/ADCET/Feedback%20on%20Curriculum.pdf</a>
Any additional information	<a href="#">View File</a>

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment of Students

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

477

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

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

283

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

### 2.2 - Catering to Student Diversity

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

#### Advance learners:

Students that perform better on the proficiency test are labelled as advanced learners and receive extra attention during the semester in order to achieve academic excellence. Students are

encouraged to join professional associations and bodies like ISTE, NDT, ISHRAE, Automation and Robotics Cell so they can have more exposure to their chosen fields. Students are encouraged to register in SWAYAM- NPTEL courses and undertake its examination in order to develop holistically. Based on project work, they are advised to read and write research articles. Modern technology software training is organized.

#### Slow Learner:

Students who do inadequately on the proficiency test are labelled as slow learners and receive extra attention throughout the semester to help them gain sufficient knowledge in that particular stream. For slow learners, more sessions are held as needed. The purpose of remedial classes is to improve students' performance. Assignments are given with an eye toward their potential for growth in terms of assessment. Each batch has a mentor assigned to it who frequently communicates with the mentee and works to boost their spirits. Links to videos are given for a better understanding of the concepts. Peer learning is encouraged where advance learners helps others.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
Nil	2651	148

File Description	Documents
Upload any additional information	No File Uploaded

### 2.3 - Teaching- Learning Process

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

#### Experiential learning:

The institute offers internship, in plant training, industrial visits, hands on training etc. as a part of curriculum. In the in plant training the students are learning by doing. The students should present the report of in plant training. The students are also encouraged to visit industries to promote interdisciplinary learning, civic engagement, career development, leadership, and other professional and intellectual skills.

#### Participative learning:

The students are promoted to conduct the experiment by their own in the laboratory. As a part of In-Semester examination, activities are conducted by the faculties. Such activity based

learning is assessed by the various modes of assessment. The general assessment methods followed are seminar presentations, peer reviewing, video presentation, research article presentation, cinematographing and technical review writing, poster presentation etc.

#### Problem-solving methodologies:

The institute promotes project based learning like prototyping and equipment development. Many prototypes and end products are developed by the students. The students are motivated to visit the industries to identify the problems associated with their programme. The same problem is given to the group of students as a part of their mini project or the major project.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	Nil

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

Teachers are combining technology with traditional mode of instruction to engage students in lifelong learning. Institute uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education. The smart class rooms are available for the active teaching learning process. Each classroom is equipped with multimedia projector. Total 51 projectors are available at the institute. The faculties

used projectors to share audio, video and power point presentations in the classrooms and laboratories. Also students use the multimedia projectors for the seminar and project presentations. The desktop and laptops are arranged at Computer Lab and Faculty cabins all over the campus.

The institute has separate content creation laboratory for creating the videos related to the courses. In the Covid pandemic, the faculties engaged classes by using online platforms like Zoom, Google Meet, Microsoft Team etc. The faculties and students use Google Classroom platform to share notes, assignments, quizzes etc. Faculties are used the online platforms like MOODLE, Kahoot etc. to conduct the various tests/exams. The library has e-Resources like E-journals, DELNET, eBooks, NPTEL video lectures, you tube videos etc.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://sites.google.com/adcet.in/kmkb/courses/fluid-mechanics/unit-1?authuser=0">https://sites.google.com/adcet.in/kmkb/courses/fluid-mechanics/unit-1?authuser=0</a>
Upload any additional information	<a href="#">View File</a>

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

#### 2.3.3.1 - Number of mentors

134

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

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

The institution prepares an academic calendar well in advance for the whole year comprising of all the important dates such as commencement and conclusion of teaching, slots for conduction of In-semester, Mid semester, End semester examinations, result declarations and list of holidays. The academic calendar is prepared by the Dean Academics with reference to the guidelines



given by apex bodies and approved by the Director and Executive director. It is available to the students, faculty members and all other concerned in electronic form or in print.

This institute academic calendar is circulated to all the departments and a department academic calendar is prepared by the Head, academic coordinator and time table in-charge of department. The department academic calendar consists of dates of seminars, conferences, guest lectures, workshops, parents meet, alumni meet etc. With reference to both institute and department academic calendars, all the faculty members prepare their own teaching plan.

The course teachers prepare teaching plans of theory courses as well as lab courses taking into

consideration the days allotted in the academic calendar. The teaching plan contains details of syllabus and dates on which unit topics are to be delivered.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

148

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
Any additional information	No File Uploaded

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

22

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

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

**956.46**

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

**2.5 - Evaluation Process and Reforms**

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

**4.4**

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

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

**184**

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	No File Uploaded

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

**Implementation of e-governance in areas of operations:  
Examinations**

Institute always motivated and supported its stakeholders to use and implement e - Governance in every one of its systems. In the examination system also, e-governance is implemented with the following aspect,

- Implement server-based indigenous ERP software for pre-, on-examination, and post-examination activities.
- Google platform-based appointment orders issuing, question paper setting, and feedback system implemented successfully.
- Android App-based examination result declaration system successfully implemented with indigenously developed android application.
- Use online money transactions to the paper setter and examiners as a part of their remuneration.
- Use of QR code/UPI-based examination fee receives system.
- Every answer book was assessed twice, once by Internal Examiner and External Examiner at the End Semester Examinations (ESE).
- Blended coding and masking with the variable pattern were used to hide the identity at the assessment time.
- The contribution of External experts from other premium institutes in paper setting was maintained at 60 % .

- Result declaration is possible within a week after the end of the examinations.
- Even and odd seating arrangement (Every block should contain two different branch students appearing for different courses)

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://adcet.ac.in/ADCET/EXAM/EXAMMain.php">https://adcet.ac.in/ADCET/EXAM/EXAMMain.ph p</a>

## 2.6 - Student Performance and Learning Outcomes

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

At course level each course of the programme has well defined set of course outcomes.

A team of faculty members handling the course formulate the specific and measurable course outcomes for each course during the syllabus designing stage considering performance, condition and criteria components which address the higher order thinking capabilities.

Based on specific requirements of courses the number of course outcomes varies which address most of the applicable levels of Blooms Taxonomy incorporating cognitive, psychomotor skills and affective domain.

### Mechanism of Publicizing POs,PSOs and Cos

The institute has in place a well defined POs& PSOs programs offered and COs for all the courses of each Program. These details are published in the institute website and are integrated with the teaching learning and evaluation system of the institute

POs and PSOs of all programs are published in the student's academic Curriculum, handbook, and manuals as well as on the college webpage. These are also displayed at the strategic locations in the Institute. POs and PSOs are made clear to all the students at the time of admission during the orientation programme.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Link for additional Information	<a href="https://adcet.ac.in/CURRICULUM/AEROCurriculum.php">https://adcet.ac.in/CURRICULUM/AEROCurriculum.php</a>

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

Course Outcome Attainment is reflection of student progress. CO attainment is calculated based on student's performance in various assessment events. Assessment events for theory courses are ISE, MSE, ESE respectively. Along with this many rubrics are also designed to assess all domain performance of students. The process of data collection from different assessment tools and the analysis of collected data to arrive at CO attainment levels is well defined and being implemented.

### Attainment of Course Outcomes:

Target is stated in terms of percentage of students getting equal or more than the target set by the Program for each CO. Through all the assessment as per the mapping of CO's, attainment is found on an average of all events.

### direct tools:

- ISE, End semester examination
- Module Test/Tutorial/ Quiz
- Lab work Evaluation rubrics/Continuous assessment sheet
- Seminar, project, case study presentation rubrics

### Attainment of POs and PSOs:

The attainment levels by direct (student performance) and indirect (surveys) methods are calculated based on the performance of students.

### indirect tools:

- External oral examination survey
- Industrial visit survey

- Recruiters evaluation survey
- Workshop evaluation survey
- Alumni Survey
- Parents feedback
- Employer Survey Report
- Expert Feedback

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

### 2.6.3 - Pass Percentage of students

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

773

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for the annual report	<a href="https://adcet.ac.in/ADCET/EXAM/EXAMMain.php">https://adcet.ac.in/ADCET/EXAM/EXAMMain.php</a>

### 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://adcet.ac.in/ADCET/Performance%20Survey.pdf>

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Promotion of Research and Facilities

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

To encourage faculty members for undertaking quality research, clearly defined policies are established to dispense the revenue

created through consultancy work and by means of research facilities in the institute. For various types of R&D activities different policies are established to share revenue between institute and the faculty members involved in the R&D activities. Intellectual Property Rights policy is also established for sharing revenue received through commercialization of any patent. There is a distinct policy for supporting the payment of registration fees for conferences participation by faculty and students. Many faculty members and students receive financial assistance of this policy for the registration of fees for the conference.

Additionally, every department receives distinct budget for obtaining various instruments and software from the institution. Main part of the allotted budget is used by the departments to buying equipment and software beneficial for conducting research as well as experiments. For promotion of research, seed funding scheme from the institution has been started since 2013. Each year approximately Rs. 1.50 lakhs to Rs. 2.50 lakhs amount is spent on internal seed money funded projects. Quality publications, patents and innovative products are the outcomes of internal seed money funding scheme.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://adcet.ac.in/ADCET/RD.php">https://adcet.ac.in/ADCET/RD.php</a>
Any additional information	No File Uploaded

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

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

2.23683

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	<a href="#">View File</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	<a href="#">View File</a>
Any additional information	No File Uploaded

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

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
Any additional information	No File Uploaded

**3.2 - Resource Mobilization for Research**

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

2.51000

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	<a href="#">View File</a>
Any additional information	No File Uploaded

**3.2.2 - Number of teachers having research projects during the year**

5



File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	<a href="#">View File</a>

### 3.2.3 - Number of teachers recognised as research guides

7

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

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

2

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

## 3.3 - Innovation Ecosystem

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

The Institution provides a conducive environment for promotion of Innovation and Incubation. To promote research culture in the institute separate budget is allotted every year for internal seed money funding scheme. All required facilities are provided and

guidance is extended to students. Students are encouraged to actively involve in the application of Technology for societal needs. Necessary support is provided for Documentation, Publication of Research Papers and also for obtaining patents. Strengthen the support system for the student innovations and startups Institute has separate incubation centre named "TechnoHub Innovation Centre" which is registered as separate entity under registered under Section-8 of Company Act 2013. Incubation centre as a facility is accessible 24 x 7 to students, staff. Total 4 Incubates are registered under this incubation centre named:

Quantad Mechanics : Akshay Dabhole, Monitoring of CNC/HMC/VMC machines using IOT and Machine learning approach.

Prayanam Industry (OPC)- Pranav Gurav, Electric and field propulsion techniques (aerospace and rocket) Got Work Order from: Indian Air Force of Rs 8,00,000/-

Griffon Vulture Group - Adarsh Gejage, Drone survey and analysis of data. Got Work Order from: Forest Department of Maharashtra Rs 8,00,000/-

Aerobotz Technologies : Mr. Sabarishwaran Rajasekar and MR. Reju.R., 3D Modelling and Printing.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://adcet.ac.in/ADCET/Incubation.pdf">https://adcet.ac.in/ADCET/Incubation.pdf</a>

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

26

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.4 - Research Publications and Awards

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

**A. All of the above**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

**3.4.2.1 - Number of PhD students registered during the year**

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	No File Uploaded

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

54

File Description	Documents
List of research papers by title, author, department, and year of publication	<a href="#">View File</a>
Any additional information	No File Uploaded

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

29

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

#### 3.4.5.1 - Total number of Citations in Scopus during the year

69

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	<a href="#">View File</a>

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

#### 3.4.6.1 - h-index of Scopus during the year

70

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	No File Uploaded

### 3.5 - Consultancy

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

14.66

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

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

#### 5.5

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	<a href="#">View File</a>
List of facilities and staff available for undertaking consultancy	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

### 3.6 - Extension Activities

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

The institute encourages the engagement of students and faculty members for interaction with the neighborhood community for betterment of the society as whole. A vast emphasis is laid on making students aware of the social issues and their responsibility via various activities conducted throughout the year. The institute forms a National Service Scheme (NSS) unit of 100 student volunteers and guided by a team of faculty members and conduct programs under the National schemes such as Majhi Vasundhara Abhiyan, Swachh Bharat Abhiyan, Fit India Movement, Beti Bachao Beti Padhao, Voter awareness program, Water Conservation Day, National TB Control, Yoga Day, Mental Health

Program, Road Safety Week, Women Empowerment etc.

The NSS unit focuses on local problems of uncleanliness, unhygienic conditions and hence conducts various cleanliness programs in the nearby areas. To promote sustainability and create awareness about the importance of clean air and environment, every year the NSS unit conduct tree plantation drives in the vicinity of the institute. As a part of social responsibility, blood donation camps are regularly organized in the institute wherein, students and faculty members donate blood in huge numbers. The health check-up camp is also organized in the institute at concessional fees by the NSS unit. Yoga and pranayam training sessions are also conducted in the institute.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

29

File Description	Documents
Number of awards for extension activities in during the year	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

77

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

2651

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.7 - Collaboration

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

558

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	No File Uploaded

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

6

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

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

The Institute encompasses a well maintained lush green campus spread over 20 acres of land ensuring adequate availability and

optimal utilization of physical infrastructure for teaching learning activities.

**Classrooms:** College encompasses 39 well-furnished, well ventilated, spacious classrooms equipped with LCD projectors for conducting theory classes.

**Technology Enabled learning facility:** The College has ICT Classrooms where the provision of Multimedia learning, Wi-Fi connectivity and internet access is given.

**Seminar Hall:** The College has 07 seminar halls. These halls are regularly used for conducting national / international seminars, STTP's, FDP's at the college. The students are promoted for active involvement in paper presentations, group discussions, etc.

**Tutorial rooms:** Separate tutorial rooms are there in the college campus for tutorial lecture, doubt clarification and special remedial classes for weak and needy students.

**Laboratories:** All laboratories are well equipped with state of the art equipment and facilities. All the laboratories are established as per AICTE and Shivaji University, Maharashtra norms. These labs are utilized for conducting practical classes as per the requirements of the curriculum. Labs are also utilized for technology learning & training as a part of teaching contents beyond the syllabus.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://adcet.ac.in/ADCET/ARE/AREMain.php">https://adcet.ac.in/ADCET/ARE/AREMain.php</a>

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

- Balance of curricular and co-curricular activities with extracurricular activities for all-round development of students are achieved by providing sufficient space for sports, gymnasium, and yoga, cultural and social activities in the campus. Students make use of this space to develop them academically as well as other development activities. Institute has a spacious, well equipped Sports Complex having 4000 square feet area.



- Yoga

In sports complex building spacious Yoga hall is available for students and faculty. Yoga practices are running regularly under the guidance of skilled instructors.

- Sports

Institute has a huge playground which is used for outdoor games such as Cricket, Volleyball, Kabaddi, Kho-Kho, and Basketball.

Institute has well equipped Sport Complex Building where facilities for indoor games like Badminton, Table tennis, Carom Chess, Pool Billiards and Snooker available.

- In Sport Complex exclusive Gymnasium hall is available for physical fitness of students and staff. Our Institute organizes sports activity annually in the month of January.
- Auditorium / Cultural Activities

Institute has auditorium of 306 sq. meters used for various cultural activities, seminars, guest lectures based on social, technical topics. Auditorium is also used for activities like fresher's party, sendoff function, annual social gathering and festivals.

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://adcet.ac.in/ADCET/CAMPUS/CAMPUSMain.php">https://adcet.ac.in/ADCET/CAMPUS/CAMPUSMain.php</a>

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

48

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

**196.41**

File Description	Documents
Upload audited utilization statements	<a href="#">View File</a>
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

## 4.2 - Library as a Learning Resource

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

The ADCET central Library is one of the biggest and well equipped libraries in Maharashtra. ADCET Central Library is housed dedicated four staired building. Total Area of Library is 1232 Sq.m. Central Library has strong collection of reading material including Books, Bound Volumes of Periodicals, dissertations and non-print material such as E-Books, E-Journals, and CDs etc. The Central library of the college holds the total 56418 Reading Material Collection including 45034 Print Books, 9,726 E-Books and 1658 Bound Volumes of Journals, Magazines. Total 17253 titles are available in the library. We subscribe 1205 E-journals and 62 Print periodicals i.e. 52 Journals & 10 Magazines. Library has collection of 4016 CD's and DVD's. We provide Book Bank facility to more than 450 students per year including SC / ST Book Bank, Topper Book Bank and open Book Bank. Library is fully computerized and provides Online Public Access Catalogue (OPAC) facility to all readers. "This library observes total OPEN ACCESS to all readers." Central Library has Excellent digital library Section consisting of e-journals, e-books with online access to E-resources.

Library is fully computerized and provides Online Public Access Catalogue (OPAC) facility to all readers. Library has eGranthalaya (eG3 Rev.No.32) library management software developed by National Informatics Center.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://adcet.ac.in/ADCET/Facility/Facilities.php">https://adcet.ac.in/ADCET/Facility/Facilities.php</a>

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

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

18.54

File Description	Documents
Audited statements of accounts	No File Uploaded
Any additional information	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e-journals during the year (Data Template)	<a href="#">View File</a>

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

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

495

File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 4.3 - IT Infrastructure

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

The college is equipped with 500 Mbps 1:1 internet leased line provided by Gazon Communication India Limited. The Internet connection is distributed across the college through LAN and Wi-Fi networks. The college and hostels have 24 hours uninterrupted Internet connection. Internet with e-mail and browser facility has been provided to the students, which is freely available to them 24 hours & unlimited download under Quick Heal Admin Console Antivirus. Students will also have specified hours for Internet in the timetable.

Firewall :-Cyberoam CR 200i & Dell Sonicwall NSA 3600 of Internet Security systems delivers internet and intranet protection to SMEs/ OBOs / SOHOs with integrated Firewall, Intrusion Prevention System, Web Content Filter, Anti-virus + Anti-spyware ( for safe internet surfing, Email & Internet Downloads/ Uploads), Gateway Email Protection (with Anti-virus, Anti-spyware, Anti-spam), Bandwidth Management, Fully functional Email server and Comprehensive reporting- all, on a single, easy to use platform. Optimal balance between expectations, efficiency and economy, Real-time Network protection,

Cisco Router 800 Series:-Cisco 800 is the most comprehensive, detailed and the innovative integrated services routers. This series provide you with the cisco unified voice, security of enterprise grade and the ultimately best video and information infrastructure.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://adcet.ac.in/ADCET/Facility/Facilities.php">https://adcet.ac.in/ADCET/Facility/Facilities.php</a>

#### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2651	908

File Description	Documents
Upload any additional information	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### 4.3.4 - Institution has facilities for e-content development:

A. All four of the above

**Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://drive.google.com/file/d/1Yvg3m7aGkQ2TQKNdrUy4o6eaggzAJMpM/view?usp=sharing">https://drive.google.com/file/d/1Yvg3m7aGkQ2TQKNdrUy4o6eaggzAJMpM/view?usp=sharing</a>
List of facilities for e-content development (Data Template)	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

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

327.39

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Upload any additional information	No File Uploaded

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

#### 1. Maintenance of Network Infrastructure & IT Support:

Maintenance of networks infrastructure & other IT related equipment is taken care of by System analyst and his team.

**Maintenance of Buildings and Infrastructure:** Maintenance of buildings and related areas are undertaken by the estate manager of santha. Maintenance staff consists of Electricians, Carpenters, Plumbers and other service personnel.

#### Library Maintenance:

The library is fully digitized and is open even after class hours. It has computer terminals with internet facility and large reading spaces. A regular update on new additions is provided by the library.

#### Sports and Games:

The physical director takes responsibility for all repairs pertaining to sports equipment and courts. He has to maintain courts properly on daily basis with the help of the maintenance staff.

#### Electrical Facilities:

Electricians are available round the clock to address power breakdown. Electrical engineering department monitors the services of electricians. They perform regular checks in classrooms and in the campus to ensure that all electrical fittings are in excellent condition.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

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

2078

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	No File Uploaded

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

47

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

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

File Description	Documents
Link to Institutional website	Nil
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

2122

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

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

**A. All of the above**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	<a href="#">View File</a>



## 5.2 - Student Progression

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

474

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	No File Uploaded

### 5.2.2 - Number of outgoing students progressing to higher education

1

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
Details of students who went for higher education	<a href="#">View File</a>
Any additional information	No File Uploaded

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

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

8

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded

## 5.3 - Student Participation and Activities

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

7

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

The institution always believes that its growth and development is through active participation of its stakeholders. Students being the most important of stakeholders and play a major role, the institution values the participation of students in all the endeavours with regard to academics, co-curricular and extracurricular activities, and provides all facilities and safety.

The ADCET has an active Student Council that functions with the prime aim of improving and enhancing the standard of the learning environment in the campus. The functions of the council are to address the grievances of the students, consider the suggestions of the students and plan for further improvement. Student Council improves academic standards and creates a sense of ownership towards the institution. Student council helps in bringing out the talents of students in curricular and extra-curricular activities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

7

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	No File Uploaded

## 5.4 - Alumni Engagement

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

A.D.C.E.T. Alumni Association is a registered Alumni Association under the public trust. It was formed on 22nd April 2015 at charity commissioner office Sangli with Registration No: Maharashtra/157/15.

The 'ADCET Alumni Association' closely works with Annasaheb Dange College of Engineering and Technology (ADCET) and provides dedicated support in various activities of ADCET. The Alumni Association provides an interface for establishing a link between the alumni, staff, and students of the institute. The alumni association helps our institution in terms of academic planning, placements of students, Internship of students, career guidance and technological guidance.

Alumni Association Contribution in a variety of ways:

Placement & Career Guidance Assistance

Internship Opportunities

Entrepreneurship Awareness

Alumni Interaction

Alumni Meet

Book Donation

Alumni are working in organizations at various capacities. They keep the faculties and the placement officer abreast about the available job opportunities. They assist and guide the students to crack the interviews. They also share their experience with the

students and motivate them for their career development in various domains.

Some of our Alumni have established startups in different sectors, many of them are first generation entrepreneurs. . They enlighten the students with their success stories and challenges faced.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	<a href="https://adcet.ac.in/ADCET/Alumni/AlumniMain.php">https://adcet.ac.in/ADCET/Alumni/AlumniMain.php</a>

**5.4.2 - Alumni's financial contribution during the year** E. <2 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

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

#### Institute Vision:

To be a Leader in producing professionally competent engineers

#### Institute Mission:

We, at Annasaheb Dange College of Engineering and Technology, Ashta, are committed to achieve our vision by

- Imparting effective outcome based education.
- Preparing students through skill oriented courses to excel in their profession with ethical values.
- Promoting research to benefit the society.
- Strengthening relationship with all stakeholders.

The Vision of Annasaheb Dange College of Engineering and Technology, Ashta (ADCET, Ashta) is to be a Leading institution in

producing professionally competent engineers. We take propounding initiatives and efforts to turn the young students into professionally competent engineers having a sustainable career in the long term and thereby contributing to nation building and service to the society by providing engineering solutions.

We at ADCET, Ashta are committed to approach and achieve the vision by teaching engineering courses focusing on the Outcome Based Education Philosophy to its effective implementation in the Teaching-Learning process, by introducing skill oriented courses which are essential for making them professionally competent engineers with societal and ethical values. The stakeholders of ADCET, Ashta are encouraged and promoted to take initiatives and address the societal and industrial problems by research and consultancy activities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://adcet.ac.in/ADCET/board_governors.pdf">https://adcet.ac.in/ADCET/board_governors.pdf</a>

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

Decentralization creates a significant impact on policy, planning and effective management of the technical education system. Decentralization is seen as a means of improving the efficiency of the education system and the quality of educational services. The overall steering guidance and vision for the institute is provided by the think tank bodies such as Governing Body(GB), Academic Council(AC) and Internal Quality Assurance Cell(IQAC).

Think Tank Bodies:

- Major decisions on the functioning of the Institution are taken by the Governing Body, whose members are eminent personalities in the Industry and Academia.
- Academic activities and policy decisions regarding the academic matters are taken by the Academic Council (AC) . Members of AC are Executive Director, Director, Dean's, Heads of All Departments, Senior Professors, Expert Members from Industry and Academia.

- IQAC steers the institute in strategic policy making and assurance of the quality in the system, which gives the suggestions to the execution through the Core-Committee.
- Representatives from the teaching faculty members are constituted in the think-tank bodies such as GB, AC and IQAC for ensuring the participative management.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for additional Information	<a href="https://adcet.ac.in/ADCET/Perspective%20Plan.pdf">https://adcet.ac.in/ADCET/Perspective%20Plan.pdf</a>

## 6.2 - Strategy Development and Deployment

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

The Institute Strategic Plan(ISP) for 2018-2023 is designed to systematically evolve the academic, research and development, administration and infrastructure development plans for the institute.

The key thrust area that we have focused in the ISP are,

- Academic Excellence
- Augmentation in Infrastructure
- R&D and Industrial Consultancy
- Holistic development of Student and Faculty Members'
- Nurturing strong relationship between Industries and Alumni

Monitoring of the activities in the Institute is carried out regularly by conducting various meetings, discussions, feedback sessions and audits. These include Departmental meetings with students, staff and faculty on continuous basis, Meeting with departmental students association and students clubs on continuous basis, Meetings with hostel committees on continuous basis, Meeting with site section, Hostel section, Electrical Maintenance cell, account section, academic section, examination section, establishment section, sports section, library etc. as per the requirement, Parent meetings once in a year, Alumni meets once in

a year. Based on the outcomes of the meetings, potential issues were identified and corrective measures have been taken by the Institute in regular manner to march Perspective Plan 2018-2023 towards its goals and missions.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://adcet.ac.in/ADCET/Perspective%20Plan.pdf">https://adcet.ac.in/ADCET/Perspective%20Plan.pdf</a>
Upload any additional information	No File Uploaded

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

Most of the policy matters of the institution are evolved by the Governing Body. The council comprises of members as per the University rules. The college functions through various committees headed by the Director and coordinated by the IQAC and makes decisions related to workload, purchase of learning resources, of time table, admissions, calendar of events, organizing various activities etc. The Director is in charge of all the departments, Library, Administration office, maintenance etc. The various departments and the other bodies are ably headed by the respective Heads. The library headed by the Librarian supported by Asst. Librarian, the sports activity is headed by the physical instructor, the finance aspects are controlled by the Dean Administration. Dean of Training and placements controls the necessary training and placement activities. Service Rules: The institution has framed and has followed the rules of the services of its employees as per the UGC, the affiliating university and the Government of Maharashtra. The Services rule book is also maintained in the college. The selection procedure done under the scrutiny of an expert team.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://adcet.ac.in/ADCET/md.pdf">https://adcet.ac.in/ADCET/md.pdf</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

### 6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	No File Uploaded

## 6.3 - Faculty Empowerment Strategies

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

The Institute Annasaheb Dange College of Engineering and Technology, Ashta (ADCET, Ashta) takes pride and responsibility in the wellbeing and progress of its most significant stakeholders the Teaching Faculty Members and Non-Teaching Staff. The Financial, Mental and Physical wellbeing of the Faculty and Staff Members is one of the most important agenda in our policy making process. Some of the significant policies regarding the same are listed below,

- Institute has group insurance scheme implemented through Shivaji University, Kolhapur covering all teaching and non-teaching employees.
- Best Teacher award is given every year to a faculty who performs exceptionally well in the particular year a proper process has been designed and implemented for it.
- Cultural activity 'SNEHA' for staff is organized every year in the institute, where all the faculty members are engaged.



- Motivation in terms of leaves and finance for research, up-gradation, attending FDP etc is given throughout the year.
- Medical, Sports and Gym facility is provided to the faculty and staff for their physical wellbeing.
- Financial Aid is provided to the Faculty and Staff members through the loans through the Path-Sanstha's.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

0

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

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

4

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

118

File Description	Documents
Summary of the IQAC report	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

### 6.4.1 - Institution conducts internal and external financial audits regularly

Internal audit is carried out by the internal auditor once in a year appointed by the parent organization i.e. Sant Dnyaneshwar Sanstha, Islampur. Audit of all vouchers, receipts, cash book, and ledger of transaction is done by the internal auditor.

The following procedure is followed for all the purchased and expenses involved,

1. The respective department/Incharge submits the voucher/original invoice and other supporting documents, including the approvals for purchase to the accounts clerk of the Institute.
2. The accounts section verifies documents, checks for the financial delegation and if all are found to be correct process the bill/voucher for payment or reimbursement accordingly.

External audit is done by chartered accountant appointed by the parent organization i.e. Sant Dnyaneshwar Sanstha, Islampur. Audit of all vouchers, receipts, cash book, and ledger of transaction is done by the external auditor. The audited income and expenditure statements are certified. Balance sheet is duly signed by the Director and Chartered Accountant, is duly submitted for the Governing Body for perusal. The audited balance sheet and accounts statements are put on the institute website for dissemination.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

18.53

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

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

The major sources for the funds for the institutions are from the following sources,

1. Tuition and Development Fee collected from students as approved by Fee Regulating Authority (FRA)
2. Scholarships received from the State and Central Government under various welfare schemes
3. Sponsored Research grants received from the funding agencies through research proposals
4. Internal Revenue Generation through Industrial Consultancy Projects
5. Funds received from the Trust for infrastructural augmentation.
6. Scholarships and Funds from Non-Governmental agencies and Philanthropists.
7. Other sources of Funds include examination fee, transportation fee, gym fee, and others.

The institute in its Perspective plan and Institute Development Plan (IDP) focuses on the increasing the funding through the Sponsored Research Grants, Revenue Generation through Industrial Consultancy and Funds from Non-Governmental agencies, Philanthropists, and Industries through CSR their CSR Funds.

The Funds received from the Trust are utilized for development the required infrastructural facilities to meet the needs of student & faculty members, in a strategic way to optimal utilization of resources. Example, 1. A new high quality guest house to accommodate official guests inside the campus, which reduces the institution expenses on accommodation and travel,

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

## 6.5 - Internal Quality Assurance System

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

The following are some of the initiatives made based on the meetings and resolutions of IQAC,

1. Modification of the Autonomous curriculum according to the AICTE guidelines and Compliance to the NEP 2022.
2. Development of Faculty Empowerment Program (FEP) with focus on teaching learning process, outcome-based education, ICT in teaching learning etc.
3. Implementation of activity based continuous assessment to enhance higher order learning and skills.
4. Implementation of Question Paper Scrutiny System to evaluate the quality of Question Papers in End Semester Examination.
5. Development in Industrial Consultancy by the Faculty members which is key for sharing the practical case studies to the students.
6. Internal and External training programs on OBE and NEP 2020 at Department and Institute Level.
7. Mechanism of addressing Weak and Bright Students, and Strong Mentoring process at Department Levels, Professional Counseling at Institute level for the needy students.
8. Development of student associations and involvement of students in conducting activity and events.
9. FDPs/STTPs/Workshops for Faculty Members and Students to enhance their skills

**Increment in Industry Institute Interaction and Student Internships.**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

**Preparation of Lesson Plan:** The teaching-learning process is continuously reviewed by the Institution. The teaching plan for semester is effectively implemented as per the requirements. Faculty members are instructed to prepare their lesson plan in the beginning of the semester for their respective courses. The lesson plan includes topics, planned date, content analysis, expected learning outcome, instructional strategies, resource usage and the evaluation technique. Lesson plans are strictly followed by the teachers and is monitored by the Head of the Department. The lecture delivery system is analyzed with the student's feedback. According to the feedback corrective measures are taken by the authorities. Head of the Department takes rounds and observes lectures delivered by the staff and reviews the progress of the completion of the syllabus in the staff meeting periodically. Teachers are expected to conduct extra coaching classes for slow learners. Dean Academics regularly takes the academic audit and course file checking. Dean Academics prepares the academic calendar for every semester which is reviewed by Director.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

**A. Any 4 or all of the above**

**national or international agencies (such as  
ISO Certification)**

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://adcet.ac.in/ADCET/NAAC/naacagarreport.php">https://adcet.ac.in/ADCET/NAAC/naacagarreport.php</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**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

**a) Safety and security in the campus**

- The safety of college is monitored by deployment of security persons at all entries and exits.
- Women are also provided with equally good and separate hostel facilities, ensuring their complete security with CCTV cameras. Well-trained and vigilant women rector appointed to the Girls Hostel
- Institute has appointed separate committees who look after smooth running of hostels.

**b) Proper counselling whenever required**

- Student Counselling Cell is one such initiative by Annasaheb Dange College of Engineering and Technology that aims to provide counselling to students by trained counsellor confidentially and encourage them to learn and understand themselves.

**c) Ladies Common Room**

- Common rooms for girls are provided separately in each building.

The International Women's Day is celebrated at institute on 8th March every year. Institute has established Women Empowerment Cell to make the girls take charge of different activities held at ADCET. The Women Empowerment Cell (WEC) at ADCET scheduled various programs for the girl students, Faculty, the women Support Staff of the college and also, for Women stakeholders nearby villages on the occasion of International Women's Day.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://adcet.ac.in/ADCET/Counselling.php">https://adcet.ac.in/ADCET/Counselling.php</a>

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

File Description	Documents
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

**Solid Waste Management:-**

At ADCET, Solid waste i.e. waste food from Mess and canteen is collated daily after end of the day and is used to get Composts. Also green waste generated on campus like grass clippings, leaf litter, and other landscaping are used for eating earthworms. NSS volunteers have also demonstrated the proper procedure of disposing the waste in a selected village.

**Liquid Waste Management:-**

At ADCET, Solid waste i.e. waste form the hostels and the mess and canteen etc. The type of treatment practiced is aerobic treatment. The aerobic oxidation process is adopted for the treatment. The treated waste water is used for the cultivation and gardening

process.

#### E-waste Management:-

The e-waste is limited in the campus by maintaining as own repair centre for computer and

Computer-based items. All non-working computers & its related accessories from ADCET campus are collected at CCC center. These computers & its related accessories are repaired by experts from CCC center or outside agencies. So that it helps to reduce e-waste.

#### Waste recycling system:-

The non-renewable energy is reduced to a minimum with help of the staff and students. The water after the purification process is used for gardening.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geotagged photographs of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

File Description	Documents
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**



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

**A. Any 4 or All of the above**

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

File Description	Documents
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

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

**7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:**

**A. Any 4 or all of the above**

- 1. Green audit**
- 2. Energy audit**
- 3. Environment audit**
- 4. Clean and green campus recognitions/awards**
- 5. Beyond the campus environmental promotional activities**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

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

**B. Any 3 of the above**

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

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

Learners' community experiences peace and harmony at ADCET. Students from wide variety of cultures are indivisible part of ADCET family. Many students are from the states other than Maharashtra such as Karnataka, Jammu and Kashmir etc. Institution takes all possible initiatives to make them more responsible citizens. There is no any example of unrest at ADCET. The Institute is committed to provide home like environment to Learners necessary for their study.

Students are motivated to participate in several extension activities in the institute as well as outside the institute. Many students from ADCET participate at University as well as inter University level events and portray their language and culture. The institute tries to motivate students by distributing prizes of worth 3.75 Lakh rupees for toppers every year. Also there is provision of felicitating staffs also for their remarkable performance or achievements, such as book publication etc. Students from backward classes or economically backward classes

are eligible for scholarships of government of Maharashtra.

ADCET has various student associations in each program at ADCET such as MESA, CESA etc are constituted which motivates students for their participation in various technical events outside the institute or at university level.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>

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

The institution curriculum is framed with courses like Constitution of India, universal human values, Professional ethics.

Institute has arranged following programs for awareness about Constitution,

- Awareness and E-Quiz on Right to Information Act
- 'Making of the Constitution', organized by NSS in association with Ministry of Information and Broadcasting.
- Integrity Pledge by Central Vigilance Commission and NSS.

Responsibilities and Ethics in Research

To encourage research, ethics among students, their project thesis reports are plagiarism checked.

Road Safety & Traffic Awareness Campaign

The students perform Street Plays and campaigns in association with RTO to create awareness among citizens about social issues like Road Safety & Traffic.

Election awareness

Election awareness seminar, Voter Registration Camp and Slogan competition on the occasion of National Voters Day were conducted jointly with government authorities and NSS cell.

## Social awareness

- During disasters like flood in Maharashtra and Kerala, donation drives were conducted to raise funds and other utilities for relief.
- Final year students donate their uniforms. Which are donated to orphans and poor people.
- Awareness Talk on Tuberculosis on the occasion of World TB Day 2021.
- Yoga Pranayama Session on occasion of International Yoga Day

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized** A. All of the above

File Description	Documents
Code of Ethics - policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

Institute is working with its mission to prepare competent engineers whose ethics are good. Institute takes effort to keep environment healthy. Many national and international days. Students as well as faculty members are involved in the celebration, all respect and admire religions, languages and cultures, which makes students aware about our culture and unity in diversity. Institute celebrate various days of eminent personalities, National Festivals, NSS, outreach and other extension activities. These activities provide an inclusive environment where faculty members as well as students are on the same platform. National Service Scheme, Students Association and Management work together and celebrates many days.

Various important International/National festivals are celebrated every year such as:

- International Yoga Day
- Gurupoornima
- Independence Day
- Teacher's Day
- Engineers Day
- NSS Day
- Gandhi Jayanti
- World AIDS
- Human Rights Day
- National Voters Day
- Republic Day
- Chattrapati Shivaji Maharaj Jayanti
- International Women's Day
- Maharashtra Day & Workers Day
- Ganesh Festival
- Diwali Celebration
- Aashadhi Ekadashi Celebration
- Indian Maths Day

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

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

1. Title of the Practice Use of Content Creation Labs for e-learning material for some of the courses.

2. Objectives of the Practice Availability of e-Content for learning can be useful to students during revision for exams, absence in classes due to emergencies, pandemic situation, etc.

3. The Context Creating e-learning material videos of high quality involves extensive time and effort and use of video processing features. With support from Management, faculty create these videos in the interest of students.

4. The Practice The faculty use specially designed Content Creation Labs in the College, to create videos of lectures for different courses. The videos are then post-processed using different software for high quality.

1. Title of the Practice Training on Aptitude, Communication and CV-writing from second year of undergraduate engineering program.

2. Objectives of the Practice Honing of aptitude, communication and CV-writing skills right from the second year of undergraduate engineering program

3. The Context In addition to regular Curriculum courses, conducting separate training for aptitude, communication and CV-writing skills involves extensive time and effort.

4. The Practice Right from their second year, the undergraduate engineering students are provided training in aptitude, communication skills and writing of a good CV.

File Description	Documents
Best practices in the Institutional website	<a href="https://adcet.ac.in/ADCET/Best%20practices.pdf">https://adcet.ac.in/ADCET/Best%20practices.pdf</a>
Any other relevant information	Nil

## 7.3 - Institutional Distinctiveness

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

**Industry Consultancy:** [Mission Element: Promoting research to benefit the society] Consultancy to the Industries (Sugar Mills, Automobile Industry etc.) in solving the problems such as balancing of rotors, shafts, alignment, vibration condition monitoring, structural audits, Non Destructive Testing, special purpose machines etc is provided. Through this activities the Institute have developed a distinctive brand name among the Industry stakeholders

**Industry Institute-Interaction:** [Mission Element: Strengthening relationship with all stakeholders] The Institute is establishing connection with the industries by signing the Memorandum of Understanding [MoU's] with reputed core industries to enhance.Industry-Institute Interaction activities. This has benefited in getting industrial visits, in-plant trainings, internship, value added courses, guest lecturers etc., for the professional development of students and faculties. Outcome based teaching and learning: [Mission Element: Imparting effective outcome based education.] The Institute imparts outcome based education. Different pedagogical initiatives such as real world examples, collaborative learning, interactive tools (ICT) tools, and interactive classroom teaching sessions are used. Training and Soft Skill Development Programs: [Mission Element: Preparing students through skill oriented courses.] The Institute imparts soft-skill, personality development and aptitude training programs for preparing the pre-final year and final year students for the campus placement.

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curriculum Design and Development

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

The curricula for the various programs have been formulated in accordance with the guidelines of AICTE, affiliating university, involving the stakeholder's feedback and are in tune with the vision and mission of the Institution to meet the local/ national/ regional/ global developmental needs of the society. The institution strives to produce good quality engineers to meet the requirement of diverse industries such as infrastructural development, manufacturing, design and analysis, information technology, electrical, electronic, communication, food technologies, aeronautical etc. The Graduate Attributes are adopted as Program Outcomes. Program Specific Outcomes for each program have been formulated to ensure the attainment of domain-specific knowledge and skills in relation with course outcomes. The curriculum is formulated in tune with the PO's and PSO's and is modified at regular intervals by the Boards of Study of each program. The curriculum consists of Humanities, Basic and Engineering Sciences, Professional Core subjects, Open and Professional Electives, skill development courses, mini-projects, laboratory work and project work as per the guidelines provided by AICTE. Technical report writing and Language laboratory enhance written and verbal communication skills. Study of fundamental concepts of basic sciences enables the students to understand and apply them to solve engineering problems. Students learn various important concepts in professional core subjects and also advanced concepts in professional elective subjects which enhance their analytical and problem-solving skills. Study of open electives belonging to other branches of engineering paves the way for an interdisciplinary approach to learning.



File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	<a href="https://www.adcet.ac.in/CURRICULUM/AEROCurriculum.php">https://www.adcet.ac.in/CURRICULUM/AEROCurriculum.php</a>

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

**8**

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

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

**321**

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.2 - Academic Flexibility**

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

**74**

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

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

10

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

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

**Gender Equality:** ADCET inculcates social values relevant to gender, environment and sustainability, human values and ethics by incorporating relevant courses in the curriculum and by conducting supporting activities for the staff and students to develop a vibrant atmosphere on the campus. ADCET provides equal opportunities to the students, faculty and staff in all spheres without any gender discrimination. Presently, around 30% of the students in the college are girls and 25% of the faculties and staffs are females. A course on Professional Ethics and Human Values [PEHV] has been included in the curriculum in which gender equality is taught to all UG students.

**Environment & Sustainability:** In order to inculcate the importance of environment and sustainability, courses such as Air Pollution Management, Environmental Impact Assessment, Renewable Energy Sources, Energy Auditing and Energy Management, Green Computing, Wastewater Treatment, Energy Management in Process Industries, Industrial Wastewater Treatment, Bio Energy Conservation Technologies and

Environmental Studies are offered as open elective courses to all students in the curriculum. A course on Environmental Science is provided as a mandatory course for all UG programmes.

Human Values and Professional Ethics: To ensure holistic development and value-based education, courses on Value Education and PEHV /Universal Human Values have been included in the curriculum. Yoga education is provided to all UG students and two exclusive yoga halls are available in the institution with one regular yoga master. Faculty members of ADCET have been trained through AICTE - FDPs on Universal Human Values.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

25

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	No File Uploaded

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

1736

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

<b>1.3.4 - Number of students undertaking field work/projects/ internships / student projects</b>	
1865	
File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>1.4 - Feedback System</b>	
<b>1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni</b>	<b>A. All 4 of the above</b>
File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://adcet.ac.in/ADCET/Feedback%20on%20Curriculum.pdf">https://adcet.ac.in/ADCET/Feedback%20on%20Curriculum.pdf</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>1.4.2 - The feedback system of the Institution comprises the following</b>	<b>A. Feedback collected, analysed and action taken made available on the website</b>
File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://adcet.ac.in/ADCET/Feedback%20on%20Curriculum.pdf">https://adcet.ac.in/ADCET/Feedback%20on%20Curriculum.pdf</a>
Any additional information	<a href="#">View File</a>
<b>TEACHING-LEARNING AND EVALUATION</b>	
<b>2.1 - Student Enrollment and Profile</b>	
<b>2.1.1 - Enrolment of Students</b>	

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

477

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

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

283

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 2.2 - Catering to Student Diversity

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

### Advance learners:

Students that perform better on the proficiency test are labelled as advanced learners and receive extra attention during the semester in order to achieve academic excellence. Students are encouraged to join professional associations and bodies like ISTE, NDT, ISHRAE, Automation and Robotics Cell so they can have more exposure to their chosen fields. Students are encouraged to register in SWAYAM- NPTEL courses and undertake its examination in order to develop holistically. Based on project work, they are advised to read and write research articles. Modern technology software training is organized.

### Slow Learner:

Students who do inadequately on the proficiency test are labelled as slow learners and receive extra attention throughout the semester to help them gain sufficient knowledge in that particular stream. For slow learners, more sessions are held as needed. The purpose of remedial classes is to improve

students' performance. Assignments are given with an eye toward their potential for growth in terms of assessment. Each batch has a mentor assigned to it who frequently communicates with the mentee and works to boost their spirits. Links to videos are given for a better understanding of the concepts. Peer learning is encouraged where advance learners helps others.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
Nil	2651	148

File Description	Documents
Upload any additional information	No File Uploaded

### 2.3 - Teaching- Learning Process

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

#### Experiential learning:

The institute offers internship, in plant training, industrial visits, hands on training etc. as a part of curriculum. In the in plant training the students are learning by doing. The students should present the report of in plant training. The students are also encouraged to visit industries to promote interdisciplinary learning, civic engagement, career development, leadership, and other professional and intellectual skills.

#### Participative learning:

The students are promoted to conduct the experiment by their own in the laboratory. As a part of In-Semester examination, activities are conducted by the faculties. Such activity based

learning is assessed by the various modes of assessment. The general assessment methods followed are seminar presentations, peer reviewing, video presentation, research article presentation, cinematographing and technical review writing, poster presentation etc.

Problem-solving methodologies:

The institute promotes project based learning like prototyping and equipment development. Many prototypes and end products are developed by the students. The students are motivated to visit the industries to identify the problems associated with their programme. The same problem is given to the group of students as a part of their mini project or the major project.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	Nil

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

Teachers are combining technology with traditional mode of instruction to engage students in lifelong learning. Institute uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education. The smart class rooms are available for the active teaching learning process. Each classroom is equipped with multimedia projector. Total 51 projectors are available at the institute. The faculties used projectors to share audio, video and power point presentations in the classrooms and laboratories. Also students use the multimedia projectors for the seminar and project presentations. The desktop and laptops are arranged at Computer Lab and Faculty cabins all over the campus.

The institute has separate content creation laboratory for creating the videos related to the courses. In the Covid pandemic, the faculties engaged classes by using online platforms like Zoom, Google Meet, Microsoft Team etc. The faculties and students use Google Classroom platform to share notes, assignments, quizzes etc. Faculties are used the online platforms like MOODLE, Kahoot etc. to conduct the various

tests/exams. The library has e-Resources like E-journals, DELNET, eBooks, NPTEL video lectures, you tube videos etc.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://sites.google.com/adcet.in/kmkb/courses/fluid-mechanics/unit-1?authuser=0">https://sites.google.com/adcet.in/kmkb/courses/fluid-mechanics/unit-1?authuser=0</a>
Upload any additional information	<a href="#">View File</a>

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

#### 2.3.3.1 - Number of mentors

134

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

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

The institution prepares an academic calendar well in advance for the whole year comprising of all the important dates such as commencement and conclusion of teaching, slots for conduction of In-semester, Mid semester, End semester examinations, result declarations and list of holidays. The academic calendar is prepared by the Dean Academics with reference to the guidelines given by apex bodies and approved by the Director and Executive director. It is available to the students, faculty members and all other concerned in electronic form or in print.

This institute academic calendar is circulated to all the departments and a department academic calendar is prepared by the Head, academic coordinator and time table in-charge of department. The department academic calendar consists of dates of seminars, conferences, guest lectures, workshops, parents meet, alumni meet etc. With reference to both institute and department academic calendars, all the faculty members prepare their own teaching plan.



The course teachers prepare teaching plans of theory courses as well as lab courses taking into

consideration the days allotted in the academic calendar. The teaching plan contains details of syllabus and dates on which unit topics are to be delivered.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

148

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
Any additional information	No File Uploaded

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

22

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	<a href="#">View File</a>
Any additional information	No File Uploaded

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

956.46

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

## 2.5 - Evaluation Process and Reforms

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

**4.4**

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

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

**184**

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	<b>No File Uploaded</b>

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

#### **Implementation of e-governance in areas of operations: Examinations**

Institute always motivated and supported its stakeholders to use and implement e - Governance in every one of its systems. In the examination system also, e-governance is implemented with the following aspect,

- Implement server-based indigenous ERP software for pre-, on-examination, and post-examination activities.
- Google platform-based appointment orders issuing, question paper setting, and feedback system implemented successfully.
- Android App-based examination result declaration system successfully implemented with indigenously developed android application.
- Use online money transactions to the paper setter and examiners as a part of their remuneration.
- Use of QR code/UPI-based examination fee receives system.
- Every answer book was assessed twice, once by Internal Examiner and External Examiner at the End Semester Examinations (ESE).
- Blended coding and masking with the variable pattern were used to hide the identity at the assessment time.
- The contribution of External experts from other premium institutes in paper setting was maintained at 60 % .
- Result declaration is possible within a week after the end of the examinations.
- Even and odd seating arrangement (Every block should contain two different branch students appearing for different courses)

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://adcet.ac.in/ADCET/EXAM/EXAMMain.php">https://adcet.ac.in/ADCET/EXAM/EXAMMain.php</a>

## 2.6 - Student Performance and Learning Outcomes

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

At course level each course of the programme has well defined set of course outcomes.

A team of faculty members handling the course formulate the specific and measurable course outcomes for each course during the syllabus designing stage considering performance, condition and criteria components which address the higher order thinking capabilities.

Based on specific requirements of courses the number of course outcomes varies which address most of the applicable levels of Blooms Taxonomy incorporating cognitive, psychomotor skills and affective domain.

#### Mechanism of Publicizing POs,PSOs and Cos

The institute has in place a well defined POs& PSOs programs offered and COs for all the courses of each Program. These details are published in the institute website and are integrated with the teaching learning and evaluation system of the institute

POs and PSOs of all programs are published in the student's academic Curriculum, handbook, and manuals as well as on the college webpage. These are also displayed at the strategic locations in the Institute. POs and PSOs are made clear to all the students at the time of admission during the orientation programme.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Link for additional Information	<a href="https://adcet.ac.in/CURRICULUM/AEROCurriculum.php">https://adcet.ac.in/CURRICULUM/AEROCurriculum.php</a>

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

Course Outcome Attainment is reflection of student progress. CO attainment is calculated based on student's performance in various assessment events. Assessment events for theory courses are ISE, MSE, ESE respectively. Along with this many rubrics are also designed to assess all domain performance of students. The process of data collection from different assessment tools and the analysis of collected data to arrive at CO attainment

levels is well defined and being implemented.

**Attainment of Course Outcomes:**

Target is stated in terms of percentage of students getting equal or more than the target set by the Program for each CO. Through all the assessment as per the mapping of CO's, attainment is found on an average of all events.

**direct tools:**

- ISE, End semester examination
- Module Test/Tutorial/ Quiz
- Lab work Evaluation rubrics/Continuous assessment sheet
- Seminar, project, case study presentation rubrics

**Attainment of POs and PSOs:**

The attainment levels by direct (student performance) and indirect (surveys) methods are calculated based on the performance of students.

**indirect tools:**

- External oral examination survey
- Industrial visit survey
- Recruiters evaluation survey
- Workshop evaluation survey
- Alumni Survey
- Parents feedback
- Employer Survey Report
- Expert Feedback

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

**2.6.3 - Pass Percentage of students**

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

773

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for the annual report	<a href="https://adcet.ac.in/ADCET/EXAM/EXAMMain.php">https://adcet.ac.in/ADCET/EXAM/EXAMMain.p hp</a>

## 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://adcet.ac.in/ADCET/Performance%20Survey.pdf>

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Promotion of Research and Facilities

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

To encourage faculty members for undertaking quality research, clearly defined policies are established to dispense the revenue created through consultancy work and by means of research facilities in the institute. For various types of R&D activities different policies are established to share revenue between institute and the faculty members involved in the R&D activities. Intellectual Property Rights policy is also established for sharing revenue received through commercialization of any patent. There is a distinct policy for supporting the payment of registration fees for conferences participation by faculty and students. Many faculty members and students receive financial assistance of this policy for the registration of fees for the conference.

Additionally, every department receives distinct budget for obtaining various instruments and software from the institution. Main part of the allotted budget is used by the departments to buying equipment and software beneficial for conducting research as well as experiments. For promotion of research, seed funding scheme from the institution has been

started since 2013. Each year approximately Rs. 1.50 lakhs to Rs. 2.50 lakhs amount is spent on internal seed money funded projects. Quality publications, patents and innovative products are the outcomes of internal seed money funding scheme.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://adcet.ac.in/ADCET/RD.php">https://adcet.ac.in/ADCET/RD.php</a>
Any additional information	<b>No File Uploaded</b>

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

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

**2.23683**

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	<a href="#">View File</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

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

**0**

File Description	Documents
e-copies of the award letters of the teachers	<b>No File Uploaded</b>
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

### 3.2 - Resource Mobilization for Research

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

**2.51000**

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

#### 3.2.2 - Number of teachers having research projects during the year

**5**

File Description	Documents
Upload any additional information	<b>No File Uploaded</b>
Paste link for additional Information	<b>Nil</b>
List of research projects during the year	<a href="#">View File</a>

#### 3.2.3 - Number of teachers recognised as research guides

**7**



File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

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

2

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

### 3.3 - Innovation Ecosystem

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

The Institution provides a conducive environment for promotion of Innovation and Incubation. To promote research culture in the institute separate budget is allotted every year for internal seed money funding scheme. All required facilities are provided and guidance is extended to students. Students are encouraged to actively involve in the application of Technology for societal needs. Necessary support is provided for Documentation, Publication of Research Papers and also for obtaining patents. Strengthen the support system for the student innovations and startups Institute has separate incubation centre named "TechnoHub Innovation Centre" which is registered as separate entity under registered under Section-8 of Company Act 2013. Incubation centre as a facility is accessible 24 x 7 to students, staff. Total 4 Incubates are registered under this incubation centre named:

Quantad Mechanics : Akshay Dabhole, Monitoring of CNC/HMC/VMC

machines using IOT and Machine learning approach.

Prayanam Industry (OPC)- Pranav Gurav, Electric and field propulsion techniques (aerospace and rocket) Got Work Order from: Indian Air Force of Rs 8,00,000/-

Griffon Vulture Group - Adarsh Gejage, Drone survey and analysis of data. Got Work Order from: Forest Department of Maharashtra Rs 8,00,000/-

Aerobotz Technologies : Mr. Sabarishwaran Rajasekar and MR. Reju.R., 3D Modelling and Printing.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://adcet.ac.in/ADCET/Incubation.pdf">https://adcet.ac.in/ADCET/Incubation.pdf</a>

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

26

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.4 - Research Publications and Awards

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

**A. All of the above**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

**3.4.2.1 - Number of PhD students registered during the year**

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	No File Uploaded

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

54

File Description	Documents
List of research papers by title, author, department, and year of publication	<a href="#">View File</a>
Any additional information	No File Uploaded

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

29

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

**3.4.5.1 - Total number of Citations in Scopus during the year**

69

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	<a href="#">View File</a>

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

**3.4.6.1 - h-index of Scopus during the year**

70

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	No File Uploaded

**3.5 - Consultancy**

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

14.66

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

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

#### 5.5

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	<a href="#">View File</a>
List of facilities and staff available for undertaking consultancy	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

### 3.6 - Extension Activities

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

The institute encourages the engagement of students and faculty members for interaction with the neighborhood community for betterment of the society as whole. A vast emphasis is laid on making students aware of the social issues and their responsibility via various activities conducted throughout the year. The institute forms a National Service Scheme (NSS) unit of 100 student volunteers and guided by a team of faculty members and conduct programs under the National schemes such as Majhi Vasundhara Abhiyan, Swachh Bharat Abhiyan, Fit India Movement, Beti Bachao Beti Padhao, Voter awareness program,

Water Conservation Day, National TB Control, Yoga Day, Mental Health Program, Road Safety Week, Women Empowerment etc.

The NSS unit focuses on local problems of uncleanliness, unhygienic conditions and hence conducts various cleanliness programs in the nearby areas. To promote sustainability and create awareness about the importance of clean air and environment, every year the NSS unit conduct tree plantation drives in the vicinity of the institute. As a part of social responsibility, blood donation camps are regularly organized in the institute wherein, students and faculty members donate blood in huge numbers. The health check-up camp is also organized in the institute at concessional fees by the NSS unit. Yoga and pranayam training sessions are also conducted in the institute.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

29

File Description	Documents
Number of awards for extension activities in during the year	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

77

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

2651

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	No File Uploaded

**3.7 - Collaboration**

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

558

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	No File Uploaded

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

6

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

**INFRASTRUCTURE AND LEARNING RESOURCES**

#### 4.1 - Physical Facilities

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

The Institute encompasses a well maintained lush green campus spread over 20 acres of land ensuring adequate availability and optimal utilization of physical infrastructure for teaching learning activities.

**Classrooms:** College encompasses 39 well-furnished, well ventilated, spacious classrooms equipped with LCD projectors for conducting theory classes.

**Technology Enabled learning facility:** The College has ICT Classrooms where the provision of Multimedia learning, Wi-Fi connectivity and internet access is given.

**Seminar Hall:** The College has 07 seminar halls. These halls are regularly used for conducting national / international seminars, STTP's, FDP's at the college. The students are promoted for active involvement in paper presentations, group discussions, etc.

**Tutorial rooms:** Separate tutorial rooms are there in the college campus for tutorial lecture, doubt clarification and special remedial classes for weak and needy students.

**Laboratories:** All laboratories are well equipped with state of the art equipment and facilities. All the laboratories are established as per AICTE and Shivaji University, Maharashtra norms. These labs are utilized for conducting practical classes as per the requirements of the curriculum. Labs are also utilized for technology learning & training as a part of teaching contents beyond the syllabus.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://adcet.ac.in/ADCET/ARE/AREMain.php">https://adcet.ac.in/ADCET/ARE/AREMain.php</a>

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



- Balance of curricular and co-curricular activities with extracurricular activities for all-round development of students are achieved by providing sufficient space for sports, gymnasium, and yoga, cultural and social activities in the campus. Students make use of this space to develop them academically as well as other development activities. Institute has a spacious, well equipped Sports Complex having 4000 square feet area.
- Yoga

In sports complex building spacious Yoga hall is available for students and faculty. Yoga practices are running regularly under the guidance of skilled instructors.

- Sports

Institute has a huge playground which is used for outdoor games such as Cricket, Volleyball, Kabaddi, Kho-Kho, and Basketball.

Institute has well equipped Sport Complex Building where facilities for indoor games like Badminton, Table tennis, Carom Chess, Pool Billiards and Snooker available.

- In Sport Complex exclusive Gymnasium hall is available for physical fitness of students and staff. Our Institute organizes sports activity annually in the month of January.
- Auditorium / Cultural Activities

Institute has auditorium of 306 sq. meters used for various cultural activities, seminars, guest lectures based on social, technical topics. Auditorium is also used for activities like fresher's party, sendoff function, annual social gathering and festivals.

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://adcet.ac.in/ADCET/CAMPUS/CAMPUSMain.php">https://adcet.ac.in/ADCET/CAMPUS/CAMPUSMain.php</a>

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

<b>48</b>	
File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

**196.41**

File Description	Documents
Upload audited utilization statements	<a href="#">View File</a>
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

**4.2 - Library as a Learning Resource**

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

The ADCET central Library is one of the biggest and well equipped libraries in Maharashtra. ADCET Central Library is housed dedicated four staired building. Total Area of Library is 1232 Sq.m. Central Library has strong collection of reading material including Books, Bound Volumes of Periodicals, dissertations and non-print material such as E-Books, E-Journals, and CDs etc. The Central library of the college holds the total 56418 Reading Material Collection including 45034 Print Books, 9,726 E-Books and 1658 Bound Volumes of Journals, Magazines. Total 17253 titles are available in the library. We subscribe 1205 E-journals and 62 Print periodicals i.e. 52 Journals & 10 Magazines. Library has collection of 4016 CD's and DVD's. We provide Book Bank facility to more than 450 students per year including SC / ST Book Bank, Topper Book Bank and open Book Bank. Library is fully computerized and provides Online Public Access Catalogue (OPAC) facility to all readers. "This library observes total OPEN ACCESS to all readers." Central Library has Excellent digital library Section consisting of e-

journals, e-books with online access to E-resources.

Library is fully computerized and provides Online Public Access Catalogue (OPAC) facility to all readers. Library has eGranthalaya (eG3 Rev.No.32) library management software developed by National Informatics Center.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://adcet.ac.in/ADCET/Facility/Facilities.php">https://adcet.ac.in/ADCET/Facility/Facilities.php</a>

**4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources**

**A. Any 4 or more of the above**

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

**18.54**

File Description	Documents
Audited statements of accounts	<b>No File Uploaded</b>
Any additional information	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e-journals during the year (Data Template)	<a href="#">View File</a>

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

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

<b>495</b>	
File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 4.3 - IT Infrastructure

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

The college is equipped with 500 Mbps 1:1 internet leased line provided by Gazon Communication India Limited. The Internet connection is distributed across the college through LAN and Wi-Fi networks. The college and hostels have 24 hours uninterrupted Internet connection. Internet with e-mail and browser facility has been provided to the students, which is freely available to them 24 hours & unlimited download under Quick Heal Admin Console Antivirus. Students will also have specified hours for Internet in the timetable.

Firewall :-Cyberoam CR 200i & Dell Sonicwall NSA 3600 of Internet Security systems delivers internet and intranet protection to SMEs/ OBOs / SOHOs with integrated Firewall, Intrusion Prevention System, Web Content Filter, Anti-virus + Anti-spyware ( for safe internet surfing, Email & Internet Downloads/ Uploads), Gateway Email Protection (with Anti-virus, Anti-spyware, Anti-spam), Bandwidth Management, Fully functional Email server and Comprehensive reporting- all, on a single, easy to use platform. Optimal balance between expectations, efficiency and economy, Real-time Network protection,

Cisco Router 800 Series:-Cisco 800 is the most comprehensive, detailed and the innovative integrated services routers. This series provide you with the cisco unified voice, security of enterprise grade and the ultimately best video and information infrastructure.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://adcet.ac.in/ADCET/Facility/Facilities.php">https://adcet.ac.in/ADCET/Facility/Facilities.php</a>

#### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2651	908

File Description	Documents
Upload any additional information	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 750 Mbps

File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### 4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://drive.google.com/file/d/1Yvg3m7aGkQ2TQKNdrUy4o6eaggzAJMpM/view?usp=sharing">https://drive.google.com/file/d/1Yvg3m7aGkQ2TQKNdrUy4o6eaggzAJMpM/view?usp=sharing</a>
List of facilities for e-content development (Data Template)	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

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

327.39

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Upload any additional information	No File Uploaded

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

##### 1. Maintenance of Network Infrastructure & IT Support:

Maintenance of networks infrastructure & other IT related equipment is taken care of by System analyst and his team.

Maintenance of Buildings and Infrastructure: Maintenance of buildings and related areas are undertaken by the estate manager of santha. Maintenance staff consists of Electricians, Carpenters, Plumbers and other service personnel.

##### Library Maintenance:

The library is fully digitized and is open even after class hours. It has computer terminals with internet facility and large reading spaces. A regular update on new additions is provided by the library.

##### Sports and Games:

The physical director takes responsibility for all repairs pertaining to sports equipment and courts. He has to maintain courts properly on daily basis with the help of the maintenance staff.

##### Electrical Facilities:

Electricians are available round the clock to address power breakdown. Electrical engineering department monitors the services of electricians. They perform regular checks in classrooms and in the campus to ensure that all electrical

**fittings are in excellent condition.**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

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

2078

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	No File Uploaded

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

47

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

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

**A. All of the above**

File Description	Documents
Link to Institutional website	Nil
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

**2122**

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

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

**A. All of the above**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	<a href="#">View File</a>



<b>5.2 - Student Progression</b>	
<b>5.2.1 - Number of outgoing students who got placement during the year</b>	
474	
<b>File Description</b>	<b>Documents</b>
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	No File Uploaded
<b>5.2.2 - Number of outgoing students progressing to higher education</b>	
1	
<b>File Description</b>	<b>Documents</b>
Upload supporting data for students/alumni	No File Uploaded
Details of students who went for higher education	<a href="#">View File</a>
Any additional information	No File Uploaded
<b>5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year</b>	
<b>5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year</b>	
8	
<b>File Description</b>	<b>Documents</b>
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
<b>5.3 - Student Participation and Activities</b>	
<b>5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year</b>	
7	

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

The institution always believes that its growth and development is through active participation of its stakeholders. Students being the most important of stakeholders and play a major role, the institution values the participation of students in all the endeavours with regard to academics, co-curricular and extracurricular activities, and provides all facilities and safety.

The ADCET has an active Student Council that functions with the prime aim of improving and enhancing the standard of the learning environment in the campus. The functions of the council are to address the grievances of the students, consider the suggestions of the students and plan for further improvement. Student Council improves academic standards and creates a sense of ownership towards the institution. Student council helps in bringing out the talents of students in curricular and extra-curricular activities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

7

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	No File Uploaded

#### 5.4 - Alumni Engagement

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

A.D.C.E.T. Alumni Association is a registered Alumni Association under the public trust. It was formed on 22nd April 2015 at charity commissioner office Sangli with Registration No: Maharashtra/157/15.

The 'ADCET Alumni Association' closely works with Annasaheb Dange College of Engineering and Technology (ADCET) and provides dedicated support in various activities of ADCET. The Alumni Association provides an interface for establishing a link between the alumni, staff, and students of the institute. The alumni association helps our institution in terms of academic planning, placements of students, Internship of students, career guidance and technological guidance.

Alumni Association Contribution in a variety of ways:

Placement & Career Guidance Assistance

Internship Opportunities

Entrepreneurship Awareness

Alumni Interaction

Alumni Meet

Book Donation

Alumni are working in organizations at various capacities. They keep the faculties and the placement officer abreast about the available job opportunities. They assist and guide the students to crack the interviews. They also share their experience with

the students and motivate them for their career development in various domains.

Some of our Alumni have established startups in different sectors, many of them are first generation entrepreneurs. . They enlighten the students with their success stories and challenges faced.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	<a href="https://adcet.ac.in/ADCET/Alumni/AlumniMain.php">https://adcet.ac.in/ADCET/Alumni/AlumniMain.php</a>

<b>5.4.2 - Alumni's financial contribution during the year</b>	<b>E. &lt;2 Lakhs</b>
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File Description	Documents
Upload any additional information	No File Uploaded

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

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

#### Institute Vision:

To be a Leader in producing professionally competent engineers

#### Institute Mission:

We, at Annasaheb Dange College of Engineering and Technology, Ashta, are committed to achieve our vision by

- Imparting effective outcome based education.
- Preparing students through skill oriented courses to excel in their profession with ethical values.
- Promoting research to benefit the society.
- Strengthening relationship with all stakeholders.

The Vision of Annasaheb Dange College of Engineering and

Technology, Ashta (ADCET, Ashta) is to be a Leading institution in producing professionally competent engineers. We take propounding initiatives and efforts to turn the young students into professionally competent engineers having a sustainable career in the long term and thereby contributing to nation building and service to the society by providing engineering solutions.

We at ADCET, Ashta are committed to approach and achieve the vision by teaching engineering courses focusing on the Outcome Based Education Philosophy to its effective implementation in the Teaching-Learning process, by introducing skill oriented courses which are essential for making them professionally competent engineers with societal and ethical values. The stakeholders of ADCET, Ashta are encouraged and promoted to take initiatives and address the societal and industrial problems by research and consultancy activities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://adcet.ac.in/ADCET/board_governors.pdf">https://adcet.ac.in/ADCET/board_governors.pdf</a>

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

Decentralization creates a significant impact on policy, planning and effective management of the technical education system. Decentralization is seen as a means of improving the efficiency of the education system and the quality of educational services. The overall steering guidance and vision for the institute is provided by the think tank bodies such as Governing Body(GB), Academic Council(AC) and Internal Quality Assurance Cell(IQAC).

Think Tank Bodies:

- Major decisions on the functioning of the Institution are taken by the Governing Body, whose members are eminent personalities in the Industry and Academia.
- Academic activities and policy decisions regarding the academic matters are taken by the Academic Council (AC) .

Members of AC are Executive Director, Director, Dean's, Heads of All Departments, Senior Professors, Expert Members from Industry and Academia.

• IQAC steers the institute in strategic policy making and assurance of the quality in the system, which gives the suggestions to the execution through the Core-Committee.

• Representatives from the teaching faculty members are constituted in the think-tank bodies such as GB, AC and IQAC for ensuring the participative management.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for additional Information	<a href="https://adcet.ac.in/ADCET/Perspective%20Plan.pdf">https://adcet.ac.in/ADCET/Perspective%20Plan.pdf</a>

## 6.2 - Strategy Development and Deployment

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

The Institute Strategic Plan(ISP) for 2018-2023 is designed to systematically evolve the academic, research and development, administration and infrastructure development plans for the institute.

The key thrust area that we have focused in the ISP are,

- Academic Excellence
- Augmentation in Infrastructure
- R&D and Industrial Consultancy
- Holistic development of Student and Faculty Members'
- Nurturing strong relationship between Industries and Alumni

Monitoring of the activities in the Institute is carried out regularly by conducting various meetings, discussions, feedback sessions and audits. These include Departmental meetings with students, staff and faculty on continuous basis, Meeting with

departmental students association and students clubs on continuous basis, Meetings with hostel committees on continuous basis, Meeting with site section, Hostel section, Electrical Maintenance cell, account section, academic section, examination section, establishment section, sports section, library etc. as per the requirement, Parent meetings once in a year, Alumni meets once in a year. Based on the outcomes of the meetings, potential issues were identified and corrective measures have been taken by the Institute in regular manner to march Perspective Plan 2018-2023 towards its goals and missions.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://adcet.ac.in/ADCET/Perspective%20Plan.pdf">https://adcet.ac.in/ADCET/Perspective%20Plan.pdf</a>
Upload any additional information	No File Uploaded

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

Most of the policy matters of the institution are evolved by the Governing Body. The council comprises of members as per the University rules. The college functions through various committees headed by the Director and coordinated by the IQAC and makes decisions related to workload, purchase of learning resources, of time table, admissions, calendar of events, organizing various activities etc. The Director is in charge of all the departments, Library, Administration office, maintenance etc. The various departments and the other bodies are ably headed by the respective Heads. The library headed by the Librarian supported by Asst. Librarian, the sports activity is headed by the physical instructor, the finance aspects are controlled by the Dean Administration. Dean of Training and placements controls the necessary training and placement activities. Service Rules: The institution has framed and has followed the rules of the services of its employees as per the UGC, the affiliating university and the Government of Maharashtra. The Services rule book is also maintained in the college. The selection procedure done under the scrutiny of an expert team.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://adcet.ac.in/ADCET/md.pdf">https://adcet.ac.in/ADCET/md.pdf</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

**6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination**

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	No File Uploaded

**6.3 - Faculty Empowerment Strategies**

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

The Institute Annasaheb Dange College of Engineering and Technology, Ashta (ADCET, Ashta) takes pride and responsibility in the wellbeing and progress of its most significant stakeholders the Teaching Faculty Members and Non-Teaching Staff. The Financial, Mental and Physical wellbeing of the Faculty and Staff Members is one of the most important agenda in our policy making process. Some of the significant policies regarding the same are listed below,

- Institute has group insurance scheme implemented through Shivaji University, Kolhapur covering all teaching and non-teaching employees.
- Best Teacher award is given every year to a faculty who performs exceptionally well in the particular year a proper process has been designed and implemented for it.
- Cultural activity 'SNEHA' for staff is organized every



year in the institute, where all the faculty members are engaged.

- Motivation in terms of leaves and finance for research, up-gradation, attending FDP etc is given throughout the year.
- Medical, Sports and Gym facility is provided to the faculty and staff for their physical wellbeing.
- Financial Aid is provided to the Faculty and Staff members through the loans through the Path-Sanstha's.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

0

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

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

4

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

118

File Description	Documents
Summary of the IQAC report	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**6.4 - Financial Management and Resource Mobilization**

6.4.1 - Institution conducts internal and external financial audits regularly

Internal audit is carried out by the internal auditor once in a year appointed by the parent organization i.e. Sant Dnyaneshwar Sanstha, Islampur. Audit of all vouchers, receipts, cash book, and ledger of transaction is done by the internal auditor.

The following procedure is followed for all the purchased and expenses involved,

1. The respective department/Incharge submits the voucher/original invoice and other supporting documents, including the approvals for purchase to the accounts clerk of the Institute.

2. The accounts section verifies documents, checks for the financial delegation and if all are found to be correct process the bill/voucher for payment or reimbursement accordingly.

External audit is done by chartered accountant appointed by the parent organization i.e. Sant Dnyaneshwar Sanstha, Islampur. Audit of all vouchers, receipts, cash book, and ledger of transaction is done by the external auditor. The audited income and expenditure statements are certified. Balance sheet is duly signed by the Director and Chartered Accountant, is duly submitted for the Governing Body for perusal. The audited balance sheet and accounts statements are put on the institute website for dissemination.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

18.53

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

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

The major sources for the funds for the institutions are from the following sources,

1. Tuition and Development Fee collected from students as approved by Fee Regulating Authority (FRA)
2. Scholarships received from the State and Central Government under various welfare schemes
3. Sponsored Research grants received from the funding agencies through research proposals
4. Internal Revenue Generation through Industrial Consultancy Projects
5. Funds received from the Trust for infrastructural augmentation.
6. Scholarships and Funds from Non-Governmental agencies and Philanthropists.
7. Other sources of Funds include examination fee, transportation fee, gym fee, and others.

The institute in its Perspective plan and Institute Development Plan (IDP) focuses on the increasing the funding through the Sponsored Research Grants, Revenue Generation through Industrial Consultancy and Funds from Non-Governmental agencies, Philanthropists, and Industries through CSR their CSR Funds.

The Funds received from the Trust are utilized for development the required infrastructural facilities to meet the needs of student & faculty members, in a strategic way to optimal utilization of resources. Example, 1. A new high quality guest house to accommodate official guests inside the campus, which reduces the institution expenses on accommodation and travel,

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

## 6.5 - Internal Quality Assurance System

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

The following are some of the initiatives made based on the meetings and resolutions of IQAC,

1. Modification of the Autonomous curriculum according to the AICTE guidelines and Compliance to the NEP 2022.
2. Development of Faculty Empowerment Program (FEP) with focus on teaching learning process, outcome-based education, ICT in teaching learning etc.
3. Implementation of activity based continuous assessment to enhance higher order learning and skills.
4. Implementation of Question Paper Scrutiny System to evaluate the quality of Question Papers in End Semester Examination.
5. Development in Industrial Consultancy by the Faculty members which is key for sharing the practical case studies to the students.
6. Internal and External training programs on OBE and NEP

2020 at Department and Institute Level.

7. Mechanism of addressing Weak and Bright Students, and Strong Mentoring process at Department Levels, Professional Counseling at Institute level for the needy students.
8. Development of student associations and involvement of students in conducting activity and events.
9. FDPs/STTPs/Workshops for Faculty Members and Students to enhance their skills

Increment in Industry Institute Interaction and Student Internships.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

**Preparation of Lesson Plan:** The teaching-learning process is continuously reviewed by the Institution. The teaching plan for semester is effectively implemented as per the requirements. Faculty members are instructed to prepare their lesson plan in the beginning of the semester for their respective courses. The lesson plan includes topics, planned date, content analysis, expected learning outcome, instructional strategies, resource usage and the evaluation technique. Lesson plans are strictly followed by the teachers and is monitored by the Head of the Department. The lecture delivery system is analyzed with the student's feedback. According to the feedback corrective measures are taken by the authorities. Head of the Department takes rounds and observes lectures delivered by the staff and reviews the progress of the completion of the syllabus in the staff meeting periodically. Teachers are expected to conduct extra coaching classes for slow learners. Dean Academics regularly takes the academic audit and course file checking. Dean Academics prepares the academic calendar for every semester which is reviewed by Director.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

<b>6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)</b>	<b>A. Any 4 or all of the above</b>
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File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://adcet.ac.in/ADCET/NAAC/naacagarreport.php">https://adcet.ac.in/ADCET/NAAC/naacagarreport.php</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**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

- a) Safety and security in the campus**
- The safety of college is monitored by deployment of security persons at all entries and exits.
  - Women are also provided with equally good and separate hostel facilities, ensuring their complete security with CCTV cameras. Well-trained and vigilant women rector appointed to the Girls Hostel
  - Institute has appointed separate committees who look after smooth running of hostels.

**b) Proper counselling whenever required**

- Student Counselling Cell is one such initiative by Annasaheb Dange College of Engineering and Technology that aims to provide counselling to students by trained counsellor confidentially and encourage them to learn and understand themselves.

**c) Ladies Common Room**

- Common rooms for girls are provided separately in each building.

The International Women's Day is celebrated at institute on 8th March every year. Institute has established Women Empowerment Cell to make the girls take charge of different activities held at ADCET. The Women Empowerment Cell (WEC) at ADCET scheduled various programs for the girl students, Faculty, the women Support Staff of the college and also, for Women stakeholders nearby villages on the occasion of International Women's Day.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://adcet.ac.in/ADCET/Counselling.php">https://adcet.ac.in/ADCET/Counselling.php</a>

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

**A. Any 4 or All of the above**

File Description	Documents
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

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

**Solid Waste Management:-**

**At ADCET, Solid waste i.e. waste food from Mess and canteen is**

collated daily after end of the day and is used to get Composts. Also green waste generated on campus like grass clippings, leaf

litter, and other landscaping are used for eating earthworms. NSS volunteers have also demonstrated the proper procedure of disposing the waste in a selected village.

#### Liquid Waste Management:-

At ADCET, Solid waste i.e. waste form the hostels and the mess and canteen etc. The type of treatment practiced is aerobic treatment. The aerobic oxidation process is adopted for the treatment. The treated waste water is used for the cultivation and gardening process.

#### E-waste Management:-

The e-waste is limited in the campus by maintaining as own repair centre for computer and

Computer-based items. All non-working computers & its related accessories from ADCET campus are collected at CCC center. These computers & its related accessories are repaired by experts from CCC center or outside agencies. So that it helps to reduce e-waste.

#### Waste recycling system:-

The non-renewable energy is reduced to a minimum with help of the staff and students. The water after the purification process is used for gardening.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geotagged photographs of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>



<b>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</b>	<b>A. Any 4 or all of the above</b>
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File Description	Documents
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

<b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b>  <b>1. Restricted entry of automobiles</b> <b>2. Use of bicycles/ Battery-powered vehicles</b> <b>3. Pedestrian-friendly pathways</b> <b>4. Ban on use of plastic</b> <b>5. Landscaping</b>	<b>A. Any 4 or All of the above</b>
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File Description	Documents
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

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

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

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

**B. Any 3 of the above**

File Description	Documents
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	<b>No File Uploaded</b>
Details of the software procured for providing assistance	<b>No File Uploaded</b>
Any other relevant information	<b>No File Uploaded</b>

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

Learners' community experiences peace and harmony at ADCET. Students from wide variety of cultures are indivisible part of ADCET family. Many students are from the states other than Maharashtra such as Karnataka, Jammu and Kashmir etc. Institution takes all possible initiatives to make them more responsible citizens. There is no any example of unrest at ADCET. The Institute is committed to provide home like environment to Learners necessary for their study.

Students are motivated to participate in several extension activities in the institute as well as outside the institute. Many students from ADCET participate at University as well as inter University level events and portray their language and culture. The institute tries to motivate students by distributing prizes of worth 3.75 Lakh rupees for toppers every year. Also there is provision of felicitating staffs also for their remarkable performance or achievements, such as book publication etc. Students from backward classes or economically backward classes are eligible for scholarships of government of Maharashtra.

ADCET has various student associations in each program at ADCET such as MESA, CESA etc are constituted which motivates students for their participation in various technical events outside the institute or at university level.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>

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

The institution curriculum is framed with courses like Constitution of India, universal human values, Professional ethics.

Institute has arranged following programs for awareness about Constitution,

- Awareness and E-Quiz on Right to Information Act
- 'Making of the Constitution', organized by NSS in association with Ministry of Information and

**Broadcasting.**

- Integrity Pledge by Central Vigilance Commission and NSS.

**Responsibilities and Ethics in Research**

To encourage research, ethics among students, their project thesis reports are plagiarism checked.

**Road Safety & Traffic Awareness Campaign**

The students perform Street Plays and campaigns in association with RTO to create awareness among citizens about social issues like Road Safety & Traffic.

**Election awareness**

Election awareness seminar, Voter Registration Camp and Slogan competition on the occasion of National Voters Day were conducted jointly with government authorities and NSS cell.

**Social awareness**

- During disasters like flood in Maharashtra and Kerala, donation drives were conducted to raise funds and other utilities for relief.
- Final year students donate their uniforms. Which are donated to orphans and poor people.
- Awareness Talk on Tuberculosis on the occasion of World TB Day 2021.
- Yoga Pranayama Session on occasion of International Yoga Day

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There**

**A. All of the above**

**is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized**

File Description	Documents
Code of Ethics - policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

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

Institute is working with its mission to prepare competent engineers whose ethics are good. Institute takes effort to keep environment healthy. Many national and international days. Students as well as faculty members are involved in the celebration, all respect and admire religions, languages and cultures, which makes students aware about our culture and unity in diversity. Institute celebrate various days of eminent personalities, National Festivals, NSS, outreach and other extension activities. These activities provide an inclusive environment where faculty members as well as students are on the same platform. National Service Scheme, Students Association and Management work together and celebrates many days.

Various important International/National festivals are celebrated every year such as:

- International Yoga Day
- Gurupoornima
- Independence Day
- Teacher's Day
- Engineers Day
- NSS Day

- Gandhi Jayanti
- World AIDS
- Human Rights Day
- National Voters Day
- Republic Day
- Chattrapati Shivaji Maharaj Jayanti
- International Women's Day
- Maharashtra Day & Workers Day
- Ganesh Festival
- Diwali Celebration
- Aashadhi Ekadashi Celebration
- Indian Maths Day

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

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

1. Title of the Practice Use of Content Creation Labs for e-learning material for some of the courses.
2. Objectives of the Practice Availability of e-Content for learning can be useful to students during revision for exams, absence in classes due to emergencies, pandemic situation, etc.
3. The Context Creating e-learning material videos of high quality involves extensive time and effort and use of video processing features. With support from Management, faculty create these videos in the interest of students.
4. The Practice The faculty use specially designed Content Creation Labs in the College, to create videos of lectures for different courses. The videos are then post-processed using different software for high quality.

1. Title of the Practice Training on Aptitude, Communication

and CV-writing from second year of undergraduate engineering program.

2. Objectives of the Practice Honing of aptitude, communication and CV-writing skills right from the second year of undergraduate engineering program

3. The Context In addition to regular Curriculum courses, conducting separate training for aptitude, communication and CV-writing skills involves extensive time and effort.

4. The Practice Right from their second year, the undergraduate engineering students are provided training in aptitude, communication skills and writing of a good CV.

File Description	Documents
Best practices in the Institutional website	<a href="https://adcet.ac.in/ADCET/Best%20practices.pdf">https://adcet.ac.in/ADCET/Best%20practices.pdf</a>
Any other relevant information	Nil

### 7.3 - Institutional Distinctiveness

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

**Industry Consultancy:** [Mission Element: Promoting research to benefit the society] Consultancy to the Industries (Sugar Mills, Automobile Industry etc.) in solving the problems such as balancing of rotors, shafts, alignment, vibration condition monitoring, structural audits, Non Destructive Testing, special purpose machines etc is provided. Through this activities the Institute have developed a distinctive brand name among the Industry stakeholders

**Industry Institute-Interaction:** [Mission Element: Strengthening relationship with all stakeholders] The Institute is establishing connection with the industries by signing the Memorandum of Understanding [MoU's] with reputed core industries to enhance Industry-Institute Interaction activities. This has benefited in getting industrial visits, in-plant trainings, internship, value added courses, guest lecturers etc., for the professional development of students and faculties. Outcome based teaching and learning: [Mission

Element: Imparting effective outcome based education.] The Institute imparts outcome based education. Different pedagogical initiatives such as real world examples, collaborative learning, interactive tools (ICT) tools, and interactive classroom teaching sessions are used. Training and Soft Skill Development Programs: [Mission Element: Preparing students through skill oriented courses.] The Institute imparts soft-skill, personality development and aptitude training programs for preparing the pre-final year and final year students for the campus placement.

File Description	Documents
Appropriate link in the institutional website	<a href="https://adcet.ac.in/ADCET/Best%20practices.pdf">https://adcet.ac.in/ADCET/Best%20practices.pdf</a>
Any other relevant information	No File Uploaded

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

It is proposed to get recertified by ISO 9001:2015 certification.

It is proposed to start onenew UG programs in thrust areas.

It is proposed to accelerate placement activities via interaction with industries, alumni.

NBA accreditation validity of Civil ENgineering and Computer Science Engineering expires 30 June 2023; preperation for the same is proposed to plan.

It is proposed to submit AQAR for 2021-2022 and submit IIQA as on 31st December 2022 validity of accreditation expires.

To establish centre of excellance in each department.

To write proposals for funding from govenment and non government research agencies.

To start consultancy services work for agriculture using drones.

To strengthen the institute innovation council.

Toplan for implementation of NEP 2020.



