



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution		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
2.Institutional status		
• Autonomous Status (Provide the date of conferment of Autonomy)		08/06/2017
• Type of Institution		Co-education
• Location		Rural

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

uploaded on the institutional website?	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded
10. Did IQAC receive funding from any funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> If yes, mention the amount 	
11. Significant contributions made by IQAC during the current year (maximum five bullets)	
<ul style="list-style-type: none"> curriculum development and enrichment to fulfill regional and global needs Inclusion of value added course and its structure. enhance quality of field projects and internships identify bright students and weak students and arranging special programmes for them. Program on patent writing & documentation conducted focus for research and development activities 	
12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:	
Plan of Action	Achievements/Outcomes
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
research and development activity	International Conference is planned
developing the curriculum in tune with industry	UG course on Artificial Intelligence, IoT is being applied
13. Was the AQAR placed before the statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	

Name of the statutory body	Date of meeting(s)
IQAC	22/03/2022
14. Was the institutional data submitted to AISHE ?	Yes
<ul style="list-style-type: none"> Year 	
Year	Date of Submission
23/02/2022	23/02/2022
Extended Profile	
1. Programme	
1.1 Number of programmes offered during the year:	8
File Description	Documents
Institutional Data in Prescribed Format	View File
2. Student	
2.1 Total number of students during the year:	2333
File Description	Documents
Institutional data in Prescribed format	View File
2.2 Number of outgoing / final year students during the year:	830
File Description	Documents
Institutional Data in Prescribed Format	View File
2.3 Number of students who appeared for the examinations conducted by the institution during the year:	2376

File Description	Documents
Institutional Data in Prescribed Format	View File
3.Academic	
3.1 Number of courses in all programmes during the year:	692
File Description	Documents
Institutional Data in Prescribed Format	View File
3.2 Number of full-time teachers during the year:	168
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3 Number of sanctioned posts for the year:	137
4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	353
4.2 Total number of Classrooms and Seminar halls	50
4.3 Total number of computers on campus for academic purposes	884
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	61.268124
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.

Teaching body of ADCET relevant to ICT tools, inclusive infrastructure like well-formed library with all e-facilities, through which students are benefitted and can update their knowledge with current scenario.

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.

Curriculum has academic flexibility. Apart from curriculum workshops, conferences, seminars, internships for the under-graduates students from their second year, projects, industrial visits, Extension activities, NPTEL, currier guidance, programs on personality development, entrepreneurship development helps in enhancing the academic quality of the learners and outcome based education. The departments also offer value added programs to develop skills in core/allied domain beyond the curriculum.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.adcet.ac.in/ADCET/CS/CSCurriculum.php

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	View File
Details of syllabus revision during the year	View File
Any additional information	View File

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

150

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

1.2 - Academic Flexibility

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

3

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

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

8

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

Human values and professional ethics:

Human values and professional ethics is an integral part of the final year B.Tech curriculum. The institute promotes the faculties to undergo MOOC courses dealing with Universal Human Values and Professional Ethics. The outcomes of such courses can be seen in the celebrations of Republic Day, Independence Day, Teachers Day, International Yoga Day.

Gender equality:

The institute has "Women Grievance Cell" to ensure the safety and security of the female students, staff, and faculty. The Cell provides counseling, promotes gender equality, and solves related issues. The institute organizes the Women's Day every year to empower the students and faculties. The classrooms are equipped with the CCTV camera. High level security is employed at the institute premises for providing the safe environment to all the students.

Environment and Sustainability:

The courses like Environmental engineering, Waste treatment and pollution control etc. creates environmental awareness among the students. The NSS of the institute continuously organizes the extensive tree plantation program at the nearby places and institute premises. To nurture the plants and minimize water wastage, the drip irrigation system is facilitated. Under the mission of Swatch Bharat Abhiyan and Plastic Free Campus, students and faculties have actively participated.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

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

17

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

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

1382

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

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

1303

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained

B. Any 3 of the above

**from 1) Students 2) Teachers 3) Employers
and 4) Alumni**

File Description	Documents
Provide the URL for stakeholders' feedback report	Nil
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following

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

File Description	Documents
Provide URL for stakeholders' feedback report	Nil
Any additional information	No File Uploaded

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

402

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

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

100

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

2.2 - Catering to Student Diversity

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

In the beginning of the semester prerequisites are revised and proficiency test is conducted. Based on students' performance in proficiency test or assessment events they are categorized into weak and advanced learner.

Advance learners:

Students are encouraged to be member of Professional associations. For all round development, students are motivated for SWAYAM- NPTEL courses. They are guided to write research papers based on their project work. Software training on cutting edge technologies are organized. They are motivated to participate in seminar, conference, workshop or technical symposium or project exhibitions. Need based input is provided for securing success in competitive examination such as GATE.

Slow Learner:

Remedial classes are organized to uplift students' performance. Assignments are provided considering their area of improvement as far as exam is concern. Mentor is appointed for each batch, who frequently interact with mentee and tries to solve the problems. Mentors offers one to one interaction and addresses academics related issues as well as beyond academics also. Parent's meet of weak learner is organized to solve related matters. For better understanding of concepts video links are provided. Peer learning is encouraged where advance learners helps others.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/04/2021	2774	168

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:

The teaching learning process and the learning outcomes has been brainstormed and framed so as to meet the requirements of the program outcomes complied with the norms of accreditations. With this objective and goal the courses should meet the societal, environmental, ethical needs of the upcoming generation and to enhance competency of the graduates with respect to lifelong learning, technical skills, communication and other technical competencies, the conventional pen -paper based mode assessment has been improvised into activity based learning and assessment. This pattern of assessment had huge impact to the comprehension capability of the students pertaining to core technical skills and competencies. Considering the skill mapping, through modern assessment tools many of the graduate attributes that used to be weakly attained through the conventional learning and assessment process turned out to meet requirements of all the graduate attributes. The student centric methods of learning has been as listed below.

Experiential learning:

- Project based learning like prototyping and equipment development
- assessment through experiments
- practical exposure and learning

Participative learning

- Peer reviewing
- video presentation
- research article presentation
- Cinematographing and technical review writing

- interactive quizzes, flipped class room
- seminars

Problem-solving methodologies

- Group discussions
- open book test
- Case studies
- Coding and skill based assessment.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	https://www.adcet.ac.in/ADCET/CE/CEMain.php

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

Today, it is essential for the students to learn and master the latest technologies in order to be corporate ready. As a consequence, teachers are combining technology with traditional mode of instruction to engage students in long term learning. College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education.

The following tools are used by the Faculty

ICT Tools:

1. Projectors- available in different classrooms /labs
2. Desktop and Laptops- Arranged at Computer Lab and Faculty cabins all over the campus.
3. Printers- They are installed at Labs, HOD Cabins and all prominent places.
4. Photocopier machines - Multifunction printers are available at all prominent places in the institute.
5. Scanners- Multifunction scanners & printers are available at all prominent places.
6. Seminar Rooms- Seminar halls are equipped with all digital

facilities.

7. Smart Board- Smart board is installed in the campus.

8. Auditorium- It is digitally equipped with mike, projector, cameras, computer & sound system.

9. Online Classes through Zoom, Google Meet, Microsoft Team, Google Classroom

Learning Management System (LMS):

1. MOODLE

2. Microsoft Teams

3. Google Classrooms

4. MOOC Platform (NPTEL, Coursera, SAP, Udemy, Edx etc)

e-Resources

1. Digital Library resources (DELNET, eBooks, NPTEL video lectures, etc)

2. YouTube Videos

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://sites.google.com/adcet.in/aero
Upload any additional information	No File Uploaded

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

2.3.3.1 - Number of mentors

160

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

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

The institution prepares an Institute 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 and result declarations. The Institute academic calendar is prepared based on the guidelines and norms provided by the affiliated university and the apex bodies. The Institute academic calendar is then prepared by Dean Academics and approved by the Director and Executive director.

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 the help of both the academic calendars, all the faculty members prepare their own teaching plan accordingly.

The teaching plan is approved by the Head of department and is a part of individual faculty member's course file. The teaching plan is updated by individual faculty members on regular basis. For effective implementation, Dean Academics and Head of department conduct periodic checks of the progress of each course and ensure timely completion of the course.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

168

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

23

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

6.33

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

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

5

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

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

1.66

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

The Quality improvement strategies adopted by the institution for Examination and Evaluation.

- 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 are used to hide the identity at the time of assessment.
- Contribution of External experts from other premium institutes in paper setting in maintained at 60 % at every end semester examination.
- Result declaration is possible within a week after the end of the examinations.
- Even and odd seating arrangement (Every block should contain two categories of students appearing for different courses)
- Implementation of e-governance in areas of operations: Examinations

Institute always motivated and supported to its stakeholder for use

and implementation of e - Governance in the every of its system. At the examination system also e-governance is implemented with the following aspect,

- Implementation of server-based indigenous ERP software for pre-examination, 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 with indigenous self-developed Android application the institute.
- Use of online money transactions to the paper setter and examiners as a part of remuneration paid to them.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://adcet.ac.in/ADCET/EXAM/EXAMMain.php

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

Course Outcomes (COs) are statements that describe essential learning that students should achieve, and can reliably demonstrate it at the end of a course. The course outcomes define the knowledge, skills and behavior that a student should be able to demonstrate. The specific and measurable course outcomes for each course are prepared by the course coordinator considering performance, condition and criteria components. For every course, around 6 CO's as recommended by NBA are drafted addressing most of the applicable levels of Blooms Taxonomy incorporating cognitive, psychomotor skills and affective domain. These COs are modified and reframed, in accordance with the changes in curriculum and revised as per the need from time to time. These COs are discussed in the Programme Assessment Committee and finalized in Departmental Internal Quality Assurance Cell of the respective programmes. The COs of every course are published in the student's academic booklet, handbook, and manuals as well as on the college webpage. Correlation in terms of high, medium and low of CO's with PO's and PSO's is done on the basis of competencies and performance indicators as per AICTE's Exam

Reform Policy. CO's are discussed in the classroom during the first session of the every semester.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	https://adcet.ac.in/CURRICULUM/AERO/FY.pdf

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

Different assessment tools (In semester Examination, semester end examinations, mid-semester tests, laboratory examinations, projects, orals etc) are decided to measure the student learning and hence attainment of course outcomes. Along with this many rubrics are also designed to assess all domain performance of students. Mapping of CO's with PO's is done on the basis of competencies and performance indicator defined by individual programs. 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. Assessment for ESE, midterm tests, assignments, mini projects, reports and presentations etc. is carried out and attainment is found out as mapped with the Cos.

Attainment of Program Outcomes and Program Specific Outcomes:

The attainment levels by direct (student performance) and indirect (surveys) are calculated based on the performance of students. Targets for each PO's and PSO' are defined and level of attainment is found as per guidelines provided by regulating authorities.

File Description	Documents
Upload any additional information	View File
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

828

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

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://drive.google.com/file/d/1_8mgrp7oUMUzD3SGkO1mGTU9yhC3S12t4/view?usp=sharing

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

Institute has IAIP Cell, functioning under the Dean (Research and Development). R&D cell motivates faculty members to submit research proposals to AICTE, DST, BRNS, etc. To enhance the research culture among the students and faculty members, the Research and Development cell organizes various research events. The various workshops viz how to write research papers submit research proposals to various funding agencies, Intellectual property rights, etc are organized.

Financial support is also provided to students as well as faculty members to attend and present their research work in national and international conferences.

For inculcating research culture, the Institute started to provide seed money to faculty members for micro projects from 2021-2022.

Institute has organised two international conferences named international conference on Advances in Material Science, Mechanical and Civil Engineering (Cammce-2022) and International Conference on Innovations in Computer Science, Electronics and Electrical Engineering (ICICEEE-2022). The main aim is to provide an international-level platform where faculty members will get exposure in the all-emerging fields. To check similarity in research papers, Institute has subscribed Turnitin Research Tool. Also, to avoid grammatical mistakes in research articles, we have Grammarly subscription, which helps our faculty members and students.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://drive.google.com/file/d/1hjMdntQFYSx2kwj-sqkK9yg6_ypggvn/view?usp=sharing
Any additional information	View File

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

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

0

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

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

3

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

40.68

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

3.2.2 - Number of teachers having research projects during the year

9

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://www.adcet.ac.in/ADCET/CE/funds.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

4

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

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

4

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	http://www.unishivaji.ac.in/uploads/admin/2019/Circular/CUDS%20Circular/Nov/Research%20Initiation%20Scheme%2019-20%20(Recommended%20List-I).pdf
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. All required facilities are provided and Guidance is extended to the students. Students are encouraged to actively involved 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 start-ups 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 24x7 to students, staff and faculty of all disciplines and departments of the institution.

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. SabarishwaranRajasekar and MR. REJU.R

3D Modelling and Printing

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://adcet.ac.in/ADCET/Incubation.pdf

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

19

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

A. All of the above

methodology course work Plagiarism check through authenticated software

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded

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

2

File Description	Documents
URL to the research page on HEI website	https://adcet.ac.in/ADCET/RD.php
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
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

81

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

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

34

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://adcet.ac.in/ADCET/RD.php

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

315

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	View File

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

3.4.6.1 - h-index of Scopus during the year

78

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
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)

13.32

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	No File Uploaded

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

13.329

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

3.6 - Extension Activities

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

The institute forms a National Service Scheme (NSS) unit of 100 student volunteers and guided by a team of faculty members.

The NSS unit primarily 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 importance of clean air and environment, every year the NSS unit conduct tree plantation drive in the vicinity of the institute. As a part of social responsibility, blood donation camp 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. various guest lectures are organized throughout the year. Some of the notable mentions are: gender equality, necessity of ethical values in education, mental health, career in defense services, tuberculosis and its effects etc. Also, awareness programs are conducted by the NSS unit such as food adulteration, electrical safety for farmers, girl child schemes etc. and demonstrated by activities such as live demonstration, street plays, individual interaction etc.

File Description	Documents
Upload any additional information	View File
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

40

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

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)

23

File Description	Documents
Reports of the events organized	View File
Any additional information	No File Uploaded

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

635

File Description	Documents
Reports of the events	View File
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

24

File Description	Documents
Copies of documents highlighting collaboration	View File
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)

32

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	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 sufficient number of 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 multiple seminar halls. These halls are regularly used for conducting national / international seminars 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 SUK 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. Labs have sufficient licensed software and open source tools to cater the requirements of curriculum & industry enabled teaching. Computer labs are utilized beyond regular college hours, to conduct certificate courses, co-curricular activities/extra - curricular activities, campus recruitment training classes, campus recruitments, meetings, seminars, conferences. It is also used as an examination center for Government examinations/University Examinations like GATE, MHCET, etc

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://adcet.ac.in/ADCET/mechanicalMain.php

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

SPORTS

- Institute has a playground with separate Sports complex which provides indoor and outdoor games. Outdoor games such as

Cricket, Volleyball, Kabaddi, Kho-Kho, Basket ball. Facilities for indoor games like Badminton, Table tennis, Carom Chess, Pool Billiards and Snooker are available.

Year of Establishment of sports complex 2016-2017.

1. The Institute has Separate Sports complex area of 40000 sq.ft.
2. In Gymnasium 37 Equipments are available.
3. Institute has separate Gymnasium for Physical fitness of students and staff. Our college organizes sports annually in the month of January every year.

AUDITORIUM / CULTURAL ACTIVITIES

1. Institute has auditorium for cultural activities. Auditorium of 306 Sq. meters is utilized for various guest lectures, seminars and presentations, social speeches are conducted in auditorium. Various cultural activities like Fresher's Party, Sendoff Party, the Annual Social gathering and festivals are arranged at auditorium. Cultural activities are organized to boost stage confidence and leadership abilities of students.
2. Separate Music hall is available in our sport complex having 16 musical equipments are available and list is provided in

YOGA

In sports complex building of institute having spacious Yoga hall for students and faculty. Yoga practices are running daily. Our institute regularly arranged world yoga day to motivate and encouraged the student and staff for doing yoga regularly. Students and staff are trained by skilled instructor.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://adcet.ac.in/ADCET/Facility/Facilitie s.php

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

51

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

281.00566

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

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 library in Maharashtra. ADCET Central Library is housed dedicated four stered building. Total Area of Library is 1232 Sq.m. Library has strong collection of reading material including Books, Periodical Bound Volumes, dissertations and non-print material such as e-Books, e-Journals, and CDs & DVDs etc. Central Library is Wi-Fi enabled and has excellent digital library Section consisting online access to e-resources. Library observes total open access to all readers.

Library is partially automated in 2010. Library uses ILMS eGranthalaya, Version eG3 Rev.No.32 developed by National Informatics Center. eGranthalaya facilitates to automate in-house activities as well as user services.

Some of the key features of the software are easy to use, Unicode support with multilingual Search, Single form for circulation of all kinds of documents, Database backup utility, integrated with Barcode generation, SMS, email facility and export facility for most reports.

eGranthalaya includes various modules such as Admin, Acquisition, Cataloging, Circulation, Serials, Micro-Documents, Budgets, Search and OPAC.

OPAC module of the software allows library database searching by Basic/Advance/ Faceted search with Boolean operators and is mainly used for information retrieval. OPAC also provides the member-specific information like books overdue, recent arrivals.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.adcet.ac.in/ADCET/Facility/Facilities.php

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

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	No File Uploaded

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

30.19108

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

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

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

390

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

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.

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, Ease of administration and use.

Cisco Router 800 Series:-Cisco 800 is the most comprehensive, detailed and the innovative integrated services routers. The cisco 800 ISRs series arrive in a variety of preset patterns and delivers a reliable practice to quality presentations necessities, outfit assorted operation circumstances and use holders.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://adcet.ac.in/ADCET/Facility/Facilitie s.php

4.3.2 - Student - Computer ratio	
Number of Students	Number of Computers
2774	884
File Description	Documents
Upload any additional information	No File Uploaded
4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	
	A. 50 Mbps
File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded
4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	
	A. All four of the above
File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File
4.4 - Maintenance of Campus Infrastructure	
4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)	
103.13461	

File Description	Documents
Audited statements of accounts	View File
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.

Laboratory- Laboratory maintenance record is maintained by lab assistants and supervised by HODs of the concerned departments. Other measures to maintain laboratories are as follows:

Library- The requirement and list of books is taken from the concerned departments and HoDs and department library in-charge are involved in the process. The finalized list of required books is duly approved and signed by the Executive Director.

Sports: ADCET has a sport complex offering the facilities such as indoor Badminton/ basket Ball court / TT Courts/ Snooker/ Carom / Board game/Gym/Music Room/Yoga Room etc.

- Cultural teachers send the circular to students and arranges their training and motivates them to participate in different events.
- Cleaning and maintenance of sport facility is carried out on a regular basis.

Computers- ADCET has a Central computer center which procures and maintain computers in the Institute. Computer maintenance is done regularly and non-repairable systems are disposed off.

Classrooms-ADCET has a committee for maintenance and upkeep of infrastructure. At the departmental level, HoDs submit their requirements to the authorities regarding classroom furniture and other. The Institute development fund is utilized for maintenance and minor repair of furniture and other electrical equipment.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://adcet.ac.in/ADCET/rules_regulations1.pdf

STUDENT SUPPORT AND PROGRESSION	
5.1 - Student Support	
5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year	
2745	
File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
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	
NIL	
File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	View File
5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology	A. All of the above
File Description	Documents
Link to Institutional website	https://adcet.ac.in/ADCET/CE/CEMain.php
Details of capability development and schemes	View File
Any additional information	No File Uploaded
5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year	

153

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

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

5.2 - Student Progression

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

351

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

5.2.2 - Number of outgoing students progressing to higher education

25

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

13

File Description	Documents
Upload supporting data for students/alumni	View File
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

22

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded

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

One General Secretary is elected.

They take part in various professional society chapters like AESA, CESA, MESA, IEEE and others. Also student members are involved in

several Institute and Department level committees like IQAC, Board of Studies (as alumni member) with active participation. The prominent committees involving students are as follows.

College Development Committee

Anti-ragging committee

Women's grievance redressal committee: Committee will deal with the cases / complaints of sexual harassment and any other type of harassment of the female students, teaching and non-teaching women staff of the college.

Sports Committee: The Sports Committee shows leadership in organizing various sports activities. Students coordinates and promotes participation of students in inter-college sports festivals; plans and organizes financially self-sustainable inter-college sports activities.

Cultural Committee: The Cultural committee actively coordinates and participates in several prominent competitions inside and outside of the institute premises. This committee also coordinates the annual cultural event SNEHA.

Magazine Committee: DNYANADA magazine creates a platform for our students to how case their skills and abilities.

NSS committee: NSS committee seeks to integrate social responsibility with personality development. These committees are active in organizing several extension activities like Tree Plantations, Blood Donation camps, Swachha Bharat campaign etc.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://adcet.ac.in/ADCET/md.pdf

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

5

File Description	Documents
Report of the event	No File Uploaded
List of sports and cultural events / competitions organised per year	View File
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

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Alumni Association Contribution in a variety of ways:

1. Placement & Career Guidance Assistance: They keep the faculties and the placement officer abreast about the available job opportunities. They assist and guide the students to crack the interviews.
2. Internship Opportunities: Alumni provide innumerable internship opportunities in various companies to the students.
3. Entrepreneurship Awareness: Some of our Alumni have established startups in different sectors. They enlighten the students with their success stories and challenges faced.
4. Alumni Interaction: Alumni of ADCET give inputs to aspiring engineering graduates. They are invited as resource persons at various events, guest lectures and panel discussions. T
5. Alumni Meet: We at ADCET have a tradition of inviting alumni for Annual Alumni Meet "Runanubandh" once in a year. In this meet the alumni get chance to reconnect with the Alma mater and old friends. This is the best platform for networking and sharing new trends and current happenings in the corporate world. These inputs are helpful to academicians for molding the aspiring students.
6. Book Donation: Alumni contribution by donating Books.

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

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

Vision

To be a Leader in producing professionally competent engineers.

Mission

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

M1. Imparting effective outcome based education,

M2. Preparing students through skill oriented courses to excel in their profession with ethical values

M3. Promoting research to benefit the society,

M4. Strengthening relationship with all the stakeholders.

To achieve the vision we intend to continually enhance performance of our institute through functioning in structured, organized & coordinated manner. We are trying to be conscious about our responsibilities and authorities at formal & informal levels. For that we are taking every possible initiative in the role assigned. Every authority in the institute is assigned with a role which is

certainly in line with vision of the institute. Every week a core team meeting happens and guidance is given to all Head's and Deans. Every year some skill oriented courses are offered by which employability of students is enhanced. To strengthen the relations with stakeholders meeting are conducted in a regular interval. Industries are being visited for trainings, internships, projects and placements. Faculties along with students are being motivated for research.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://adcet.ac.in/ADCET/ADCET.php

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 technical education system. Decentralization is seen as means of improving the efficiency of 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 Council, Academic Council and Internal Quality Assurance Cell. 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 Committee (AC) . Members of AC are Executive Director, Director, Dean's, Heads of All Departments, Senior Professors, Expert Members from Industry and Academia.
- The Mission Path to reach the vision is monitored and steered by the Core - Committee consisting of the Director, Deans , Heads of Department, and a weekly meeting of the core committee is scheduled to discuss and deliberate on Academic Progress.
- The matters at the department academics level monitored by the Program Assessment Committee (PAC) and Departmental Internal Quality Assurance Cell (DIQAC) whose members are the Senior Faculty Members, Industry Experts, Academicians, Alumni and chaired by the HoD.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	No File Uploaded
Paste link for additional Information	https://adcet.ac.in/ADCET/md.pdf

6.2 - Strategy Development and Deployment

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

Long range Goals: ? Amongst top 200 in NIRF by 2023 and one of the best in the state ? Strive for centre of excellence in all disciplines of the institute ? Create conducive environment for top class education, research, development and extension ? Develop collaborative arrangements with premier institutions in India and abroad ? Intervene for sustainable development of the region and improvement in quality of life

Short range Goals: ? To strive for quality teaching, research and extension services ? To achieve overall development of students and society ? To incorporate flexibility in curriculum design ? To adopt dynamic students evaluation system ? To introduce regional need based courses ? To make the system responsive for maintaining the time schedule ? To develop strong relations with industries, institutes and society ? To nurture industrial development based on regional resources ? To create, preserve and disseminate technical knowledge ? To promote competitive merit and excellence as the sole guiding criterion in overall development of students

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://adcet.ac.in/ADCET/Perspective%20Plan.pdf
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.

Promotional policies

The Grievances Redressal Mechanism

File Description	Documents
Paste link to Organogram on the institution webpage	https://adcet.ac.in/ADCET/md.pdf
Upload any additional information	View File
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	No File Uploaded
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
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

Institute takes care of all the Team ADCET (teaching and non-teaching staff) in terms of monetary gains and motivation. 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 from UG and PG who performs exceptionally well in the particular year a proper process has been designed and implemented for it. Provident fund, Casual Leaves, Duty leaves, Medical Leaves can be availed as and when necessary with due permission. Cultural activity 'SNEHA' for staff is organized every year in the institute. Motivation in terms of leaves and finance for research, up-gradation, attending FDP etc is given throughout the year. Medical facility is also provided to the faculty and staff. Faculties are awarded for writing a book, a book chapter, filing a patent, writing research papers etc.

File Description	Documents
Upload any additional information	View File
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

1

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

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

6

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

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.)

184

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

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 if required. Audit of all vouchers, receipts, cash book, and ledger of transaction is done by the internal auditor if required. 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.

File Description	Documents
Upload any additional information	View File
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)

0

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

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

The major source of income is fees collection from students. As the institution is at present self-financing type, even if any deficit arise will get funds from the society and from the management. We are enclosing the last years audited accounts statement. Different financial sources available are. • Fee collected from students. • Funding from different funding agencies such as, AICTE, Shivaji University, DST SERB, MODROB and other R&D centers. Contribution from the management. • The management has been spending a huge amount of money to develop the required infrastructural facilities such as buildings for various departments, administrative block, lab equipment, ladies and boys' hostel building, buildings for library, canteen and sports. As applied to recurring expenditure, the institute depends on the fee collected from students for its routine expenses such as salary of teaching staff, maintenance of building and equipment etc,. Any balance amount is credited to the fund of the institution. College transport services and college canteen are being run by the institute.

File Description	Documents
Upload any additional information	No File Uploaded
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)

IQAC resolved to create counselling facility for students

Objective: The institute has the system of allotting a faculty member as mentor for each student.

Mentoring process: the mentor helps the students in both personal as well as in professional inconveniences. The mentor makes an effort to know and understand the goals and interest of a student. Mentor advises mentee for educational and personal growth.

Functions: Every department have a head of department, every class have a class teacher and every batch have a mentor who provides help to the students by guiding them in their studies, career plans and goals that makes the students feel comfortable in approaching them and sharing their personal and psychological issues. Support from the mentor makes them feel more confident and composed. Guidance to parent personalized counselling to the students are provided by the Mentor and Central Counselling Cell. Mentoring records are maintained for each student which includes both personal and academic files.

Outcome: Mentoring provides guidance and support to the students in their overall development, the students to identify their weakness and convert it into their strength.

Organizing regular Seminars, Webinars, Conferences and Workshops for students and faculty to stimulate research culture in the Institution. IQAC encourages the faculty members and students to actively participate in research activities. Regular workshops are conducted for the students which guide them to prepare research papers and present them in seminars/conferences conducted by the

college as well as organized by other institutions.

File Description	Documents
Upload any additional information	No File Uploaded
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	No File Uploaded
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, national or

A. Any 4 or all of the above

international agencies (such as ISO Certification)

File Description	Documents
Paste the web link of annual reports of the Institution	Nil
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

- Institution takes proactive measures to ensure the same. The discipline and safe environment of the college has led to the becoming an institute of choice for girls in western Maharashtra.
- Currently, near about 50% of our students are girls. The lady staff is also recruited. The Institution has also had woman Head of Departments and In-charges of different committees.
- The Institution has a dedicated 'Women Empowerment Cell' that organizes various activities and programmes on women-related issues. Other committees and departments too conduct programs to create awareness about gender equality.
- Institution shows gender sensitivity in providing facilities such as

a) Safety and Security

b) Counselling

c) Common Room and other infrastructure

d) Programs for progress

Safety and security

1. All first year students are given an orientation about complaint redressal mechanisms available in the College like Anti-Ragging Cell, Internal Complaint Committee and Student Grievance Redressal Cell.
2. There are 25 professional security personnel for the College. CCTVs, are installed at strategic positions in College to ensure the security of students and staff.
3. ID cards are issued to the students and staff to prevent the entry of outsiders into the College premises.

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

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

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	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 of sullage from 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 conscientisation 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	No File Uploaded
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

B. Any 3 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	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

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

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

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

C. Any 2 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-

B. Any 3 of the above

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.

File Description	Documents
Geotagged photographs / videos of facilities	View File
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).

Our institution takes all possible initiatives by conducting several events and programmes for strengthening the students, teaching and non-teaching staff to become more responsible citizens

by sensitizing them to the constitution of the country. Students are motivated to take part in several extension activities of the college. The institute motivates the students and staffs every year by organizing blood donation camp where the staffs students are sensitized towards their social responsibility. Institute celebrates many days like Independence Day, Republic Day, Teachers Day, Women's Day etc for enriching students with values. International Virtual yoga day was also organized in the institute. Our college also motivates students by celebrating Engineer's day, Constitution Day. The students have taken up many cleanliness drives both inside the campus and nearby villages considering it as a responsibility. The students have also taken up Plantation drives to provide a clean and green environment for all. Cultural Programme such as SNEHA, Ethnic Day Celebration are also part of ADCET routine. Training camps were also organized by giving awareness on digitalization, water saving, keeping surroundings clean, garbage disposal etc.

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

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

I. Patriotism:

Celebrating Independence Day, Republic Day, and undertaking National flag collection

II. Civic Sense:

Election awareness seminar and Voters ID Drive were conducted jointly with government authorities and NSS cell to guide the students to get their voters' ID.

The College regularly organizes blood donation drives, food donation drives, road safety awareness campaigns, first aid training seminars and fire mock drill. During disasters like flood in Maharashtra and Kerala, donation drives were conducted to raise funds and other utilities for relief.

III. Environmental Consciousness:

Students are encouraged to participate in activities like Tree plantation drives, Pollution awareness Seminar, Swachh Bharat Abhiyan and Environment Day celebration.

IV. Covid Times:

The Institution has taken maximum efforts to ensure safe environment in the College. Staff are asked to come to College in a distributed manner Security personnel check the temperature, pulse and oxygen of any person who enters the campus. The staff room, laboratories and office are frequently sanitized. Sanitizers are made available at many points in the College. It is compulsory for any person entering the College to wear a mask and maintain social distance. Videos were made by different departments and committees, saluting covid warriors.

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

B. Any 3 of the above

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

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

International Yoga Day

On 21st June, our college celebrates this day by practicing in Yoga Sessions.

Gurupoornima

Independence Day

Teacher's Day

Gandhi Jayanti

2nd October, the birthday of Mahatma Gandhi, is a day when we remember his values of Peace and Nonviolence. NSS department celebrated Gandhi Jayanti by conducting cleanliness program in campus.

World AIDS and Human Rights Day

National Service Scheme (NSS) unit celebrates World AIDS Day on 1st December and Human Rights Day on 10th December to educate students about AIDS and human rights.

National Voters Day

National Voters day is celebrated in India on 25th January. NSS Unit celebrates this day to motivate students to take active part in the democracy.

Republic Day

NSS & Student Council celebrate Republic Day of India on 26th January every year. Flag hoisting ceremony is followed by a short cultural program.

Chattrapati Shivaji Maharaj Jayanti

The birth anniversary of Shivaji Maharaj on 19th February is celebrated as Shiv Jayanti every year. Students celebrate this festival by organizing different activities of Marathi culture.

International Women's Day

Women Empowerment Cell and other departments celebrate Women's Day on 8th March every year, acknowledging the greatness of womanhood.

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File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
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	https://adcet.ac.in/ADCET/Best%20practices.pdf
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	https://adcet.ac.in/ADCET/RD.php
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

- It is proposed to change the structure of all course outcomes. Now course outcomes will have Performance, Condition and Criteria components.
- In order to have better understanding of mapping Performance indicators for all program outcomes are supposed to be written by individual department in line with AICTE Exam Reforms Policy.
- It is proposed to conduct one international conference to bring upon research culture amongst faculties and students.
- It is proposed to conduct workshops on ISO-9001:2015, NBA and NAAC.
- It is proposed to start two new UG programs in thrust areas.
- It is proposed to provide seed money to faculties for research.
- It is proposed to maintain the quality of assessment.
- It is proposed to accelerate placement activities via interaction with industries, alumni.