



## **YEARLY STATUS REPORT - 2022-2023**

### **Part A**

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

<b>1.Name of the Institution</b>	<b>ALAGAPPA CHETTIAR GOVERNMENT COLLEGE OF ENGINEERING AND TECHNOLOGY</b>
• Name of the Head of the institution	<b>Dr. K. BASKARAN</b>
• Designation	<b>Principal</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone No. of the Principal	<b>04565224535</b>
• Alternate phone No.	<b>9443661901</b>
• Mobile No. (Principal)	<b>9443661901</b>
• Registered e-mail ID (Principal)	<b>accetprincipal@gmail.com</b>
• Address	<b>College Road, Karaikudi, Sivagangai district</b>
• City/Town	<b>KARAIKUDI</b>
• State/UT	<b>Tamil Nadu</b>
• Pin Code	<b>630003</b>
<b>2.Institutional status</b>	
• Autonomous Status (Provide the date of conferment of Autonomy)	<b>08/02/2011</b>
• Type of Institution	<b>Co-education</b>
• Location	<b>Rural</b>

• Financial Status	Grants-in aid				
• Name of the IQAC Co-ordinator/Director	Dr. G. Renisha				
• Phone No.	9600863216				
• Mobile No:	9600863216				
• IQAC e-mail ID	acgcetiqac@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year)	<a href="https://accet.ac.in/iqac_agar">https://accet.ac.in/iqac_agar</a>				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://accet.ac.in/academic-calendar">https://accet.ac.in/academic-calendar</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.78	2020	11/03/2020	10/03/2025
6.Date of Establishment of IQAC			15/04/2019		
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
Institution	TEQIP-III	National Project Implementation Unit, Govt. of India	01/01/2016	70000000
Mechanical Engineering	Centre of Excellence	Govt. of Tamilnadu	26/07/2019	20000000
Institution	QIP	Govt. of India	23/10/2016	309119
Faculty	AICTE RPS	AICTE	27/01/2022	1450300

**8. Provide details regarding the composition of the IQAC:**

<ul style="list-style-type: none"> <li>Upload the latest notification regarding the composition of the IQAC by the HEI</li> </ul>	<a href="#">View File</a>	
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**9. No. of IQAC meetings held during the year**

4

<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?</li> </ul>	Yes
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<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	
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**10. Did IQAC receive funding from any funding agency to support its activities during the year?**

No

<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	
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**11. Significant contributions made by IQAC during the current year (maximum five bullets)**

IQAC helped in getting fund through DST-SERB scheme - Dr. R. Sarala - Name of the proposal : Bio-derived phase change materials encapsulated in the bio-derived polymer with three-dimensional porous deterministic architectures by additive manufacturing - Total

**fund granted: Rs. 22,66,560.**

**Based on IQAC motivation, the college status on NIRF was positioned in the Band of 151-300 in the Innovation Category**

**IQAC encouraged students to submit proposals under Unnat Bharat Abhiyaan. Driven by that, many projects were submitted. Out of them, two projects were shortlisted for final presentation at IIT Delhi under Unnat Bharat Abhiyaan - Tech4Seva Program**

**Conducting quality initiative programmes - 1. Talk on 'Physical well being' on 02.06.2022. 2. Motivational talk by Dr. Jayanthasri Balakrishnan on 21.07.2022. More than 500 participants got benefitted from this.**

**Organizing a programmes for the benefit of students - 1. A programme on 'Perspectives, prospects of higher education and employment opportunities in US' on 05.09.2022 2. A talk on "I-STEM:Linking Researchers and Resources".**

**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
Encouraging faculty members to submit proposals for Funded projects	IQAC helped in getting fund through DST-SERB scheme - Dr. R. Sarala - Name of the proposal : Bio-derived phase change materials encapsulated in the bio-derived polymer with three-dimensional porous deterministic architectures by additive manufacturing - Total fund granted: Rs. 22,66,560.
Improving placement for final year students by intensive coaching	Students are placed in highly reputed companies. The number of students placed is 227 out of 401 students. Moreover, the Median salary of placed graduates is around Rs.4,50,000.
Building up start-ups from the campus so that the projects done by the students are elevated to higher levels.	ALMINO STRUCTURAL CONSULTANCY PRIVATE LIMITED is a recognised Start-up in this institution. There are 5 Ventures/startups that have grown to turnover of 50 lacs and 5 Pre-incubation

	units with an Expenditure of Rs. 868469				
Enhancing the talents of students by extra and co-curricular activities	There are Co-curricular activities such as ISTE, SIH, NSS, NCC, YRC, UBA, Thiran, Xperz. Students improve their talents by these club activities.				
Motivate to enhance the college ranking in NIRF	The college status on NIRF was positioned in the Band of 151-300 in the Innovation Category				
Encouraging faculty to apply for patents	One patent has been published and granted from the institute.				
Enhancing research in the campus	75 research scholars are pursuing Ph.D. and 14 scholars have obtained Ph.D. degree during this period				
IQAC encouraged students to submit proposals under Unnat Bharat Abhiyaan.	Driven by that, many projects were submitted. Out of them, two projects were shortlisted for final presentation at IIT Delhi under Unnat Bharat Abhiyaan - Tech4Seva Program				
<b>13.Was the AQAR placed before the statutory body?</b>	<b>No</b>				
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>					
<table border="1"> <tr> <td>Name of the statutory body</td><td>Date of meeting(s)</td></tr> <tr> <td>Nil</td><td>Nil</td></tr> </table>		Name of the statutory body	Date of meeting(s)	Nil	Nil
Name of the statutory body	Date of meeting(s)				
Nil	Nil				
<b>14.Was the institutional data submitted to AISHE ?</b>	<b>Yes</b>				
<ul style="list-style-type: none"> <li>Year</li> </ul>					

Year	Date of Submission
2021-22	19/03/2024

**15.Multidisciplinary / interdisciplinary**

The institution is integrating Multidisciplinary/interdisciplinary courses into all engineering programs it offers. These courses, presented as "open electives," are now a compulsory part of the curriculum. Engineering students have to choose elective courses from other engineering programs to expand their understanding of multidisciplinary subjects. THIRAN Project contest is held to enhance the skill of implementing the technical knowledge acquired for the given problem statement. In Build club, students from different disciplines form a team and do many innovative projects as guided by the IITM Research Park.

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

As per the instructions received from the University Grants Commission/MHRD,our institute has been registered in the name of Alagappa Chettiar Government College of Engineering and Technology, Karaikudi-630003, Tamilnadu for using NAD Depository services provided by NSDL Database Management Limited. The Principal / Head of the Institution is the Nodal officer and Dr S.R.Sumathy, Associate Professor of Civil Engineering has been nominated as an admin/Single Point of Contact (SPOC) for NAD. Moreover, now our institute has been registered in the Academic Bank of Credits (ABC) platform for uploading the data of credits earned by the students. ABC can be considered as an authentic reference to check the credit record of any student at any given point of time. Thus, the concept of ABC is a fuel to boost the efficiency of faculty and help the students embrace a multi-disciplinary educational approach. The idea is to make students "skilful professionals" which helps their overall growth. Regarding the Implementation of Academic Bank of Credits in our institution,currently, all the students have successfully created their ABC Id and their digilocker accounts. They have also updated the student details like name as in Aadhar card, Aadhar number, Parent's name and ABC Id etc., in our database. In continuation of that, mark sheets from first semester to current semester of all the students (both UG and PG), who have studied during the academic year 2022-2023 have been uploaded through ABC platform. Still now, totally 6686 mark sheets were issued to the students through Digilocker.

**17.Skill development:**

Skills and knowledge play pivotal roles in fostering economic growth and social advancement, propelling the nation towards a knowledge-based economy. Skill development stands as a crucial component empowering graduates to attain their goals effectively, execute tasks proficiently, and foster constructive relationships. This institution places significant emphasis on skill development, guiding graduates to prioritize areas essential for enriching their careers, prospects and honing the skills and competencies of graduates, particularly in generating productive outcomes. Essential skills targeted for engineering graduates encompass a spectrum, including communication, literacy, numeracy, technical proficiency, cognitive abilities, leadership, critical thinking, time management, conflict resolution, managerial skills, and personality refinement. The institution caters to graduates from rural areas, hailing from deprived, marginalized, and socioeconomically disadvantaged segments of society. With the onset of industrialization, globalization, and technological advancements, there's a heightened need for elevated skill levels to effectively navigate the challenges and opportunities of globalization. The institute primarily concentrates on enriching their knowledge and comprehension across various domains, while also fostering awareness regarding the adoption of modern, scientific, and innovative approaches in executing tasks and functions. The following activities are focused by the institute for enhancing the Technical and other life skill of the graduates.

- Comprehensive Viva - Assessing the understanding level of technical knowledge acquired by graduates
- Symposium and Technical Seminar - Enhance the presentation skill and team work
- Hackathon - Enhance the ability to find the solution to the industry problem statements
- Communication Skill Lab - improving the Verbal and written communication skills
- Skill development in Thrust Area - Enhancing the skills in the thrust areas like Data security, Smart Grid, and IoT
- NASSCOM Assessment Test - Asses the aptitude and understanding of foundation
- THIRAN Project contest - Enhance the skill of implementing the technical knowledge acquired for the given problem statement
- Aptitude Classes - Enhancing the critical thinking and numerical ability of the graduates
- Internship training - Internships are regarded as one the supreme ways of generating awareness among graduates in terms of practical job experience. In other words, the students are able to learn how to make use of knowledge and skills in an effective manner to get engaged in employment opportunities
- Projects and Mini Projects - Develop good leadership skills such as promoting teamwork, implementation of peaceful conflict resolution methods, encouraging economic growth, providing solutions to the problems and challenges experienced by the workforce
- GATE Training - Enhance the understanding of technical knowledge
- X'PRESS and



Sangamam Magazines - The basic literacy skills like, reading, writing and numeracy is indispensable for the graduates. It is apparent that when the graduates will be able to read, write and solve numerical problems, they will be able to carry out their job duties in an appropriate manner and generate the desired outcomes

NSS, Rotaract Club, LEO Club - These include management of household responsibilities, participation in extra-curricular and creative activities, participation in social, cultural, and economic activities and so forth. Implementation of proper time management skills enables them to assign priorities. The college is actively implementing the skill development initiative of Government of Tamilnadu in the name of 'Naan Mudhalvan'. Under this scheme, skill development programs are offered for the benefit of third and final B.E students and they are permitted to earn maximum six credits through the program. Special Softskill Training Program was organised to V semester to VI semester students. Prof. Ravikumar handled the sessions. Totally 16 Sessions were conducted.

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

To raise awareness and celebrate Indian culture, particularly Tamil culture, the college operates a distinct association known as "Tamilmandram." Through this platform, annual events such as "Agazh" and "Vidiyal" are organized. Additionally, to promote unity in celebrating the Pongal festival irrespective of religious affiliations, a program named "Samathuva Pongal" is enthusiastically observed. Furthermore, to showcase students' writing prowess in the regional language, an annual magazine titled "Sangamam" is published. Despite the medium of instruction being English, students are encouraged to ask questions, and their queries are addressed in the regional language, Tamil. In order to disseminate the tamil culture, courses such as "Scientific Thoughts in Tamil" and "Heritage of Tamil " are incorporated in the U.G curriculum having one credit and are offered in first and second semester respectively. Moreover, faculty from our institution are members of a team that is working on translation of technical books to Tamil language and they have done many translations.

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

Alagappa Chettiar Government College of Engineering and Technology, located in Karaikudi, is a state government institution affiliated with Anna University, Chennai. Since receiving autonomous status from the UGC in 2009, the institute has independently crafted its curriculum and syllabi through its Board of Studies (BOS) and Academic Council (AC). Beginning from the academic year 2015-2016,



all programs offered by the institution have adopted the Choice Based Credit System (CBCS). Furthermore, the college has fully embraced Outcome Based Education (OBE) and student-centric learning starting from the academic year 2019-2020 under the Regulations of 2019. Both the institution and each department have meticulously formulated their vision and mission statements. Additionally, each program outlines its Program Specific Outcomes alongside the Program Outcomes. Our college strives to cultivate morally upright engineering professionals equipped with technical proficiency to thrive in global employment opportunities. To effectively implement Outcome Based Education (OBE) in our college, we evaluate the progress of graduates using four parameters: Program Educational Objectives (PEOs), Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs). COs delineate the capabilities a student can demonstrate upon successful completion of a course, with each course featuring specific COs. The terminology employed to define COs is grounded in the revised Bloom's Taxonomy. All courses within the curriculum cover all POs/PSOs. For each course, we've aligned COs with POs via the CO-PO matrix and with PSOs via the CO-PSO matrix. While POs represent overarching, high-level goals that can't be directly assessed, their assessment involves a two-step process: (1) identifying competencies and (2) defining performance indicators (PIs). Course outcomes of all courses are assessed with the help of Direct Assessment (Internal assessment tests, Assignments, Seminars, Project work, Practical/Labs, End Semester Examinations) and Indirect Assessment (Course Exit Survey) tools and attainment level is evaluated based on set attainment rubrics. At the end of each program, the PO/PSO assessment is done from the CO attainment of all curriculum components. Assessment of achievement of the program educational objectives (PEOs) is done by indirect measurements. Employer survey, Alumni survey, Placement records and higher education records are used to measure the Program Educational Objectives (PEOs). A scoring guide, commonly known as Rubrics, is utilized to evaluate students' proficiency in meeting Course Outcomes (COs) or Program Outcomes (POs), rather than comparing their performance to their peers. Different rubrics are employed for theory, practical work, projects, and other activities. Following the revised version of Bloom's Taxonomy, six cognitive learning levels—remembering, understanding, applying, analyzing, evaluating, and creating—are utilized to assess higher-level skills among students, including their ability to apply knowledge, solve complex engineering problems, analyze, synthesize, and design. Typically, the first four learning levels—remembering, understanding, applying, and analyzing—are evaluated in internal assessment tests and end-of-semester examinations, while analysis, evaluation, and creation are assessed through projects, mini-projects, internship experiences,

and similar activities. Faculty members assume diverse roles such as instructors, trainers, facilitators, and mentors, depending on the targeted outcomes. To achieve our goals and objectives, the institution has incorporated additional inputs into the syllabi to address current technical challenges in a competitive environment. Distinct strategies are employed for students with varying learning paces, catering to slow learners, average learners, and advanced learners. Regular workshops and seminars, conducted by subject experts, cover topics beyond the syllabus in both theory and practical subjects. Furthermore, our curriculum encompasses training in soft skills enhancement, internships, computer-based subjects, professional ethics, human values, and total quality management. The Placement and Training cell maintains frequent communication with HR and technical managers of companies to gather immediate insights into the demands and expectations of the corporate sector, thereby enhancing students' employability.

## 20.Distance education/online education:

The institution actively promotes and embraces the concept of distance education and online learning. Students have the option to select online programs available on national platforms like NPTEL and SWAYAM in lieu of professional elective and open elective courses. To facilitate this, the department advisory committee evaluates and suggests to the Controller of Examinations the possibility for students to attain the necessary credits through distance education or online methods. Students who opt for this route are relieved from the obligation of earning equivalent credits through regular coursework.

## Extended Profile

### 1.Programme

1.1 11

Number of programmes offered during the year:

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

### 2.Student

2.1 1766

Total number of students during the year:

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

2.2 466

Number of outgoing / final year students during the year:

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

2.3 1694

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

3.1 482

Number of courses in all programmes during the year:

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

3.2 113

Number of full-time teachers during the year:

Extended Profile	
<b>1.Programme</b>	
1.1	11
Number of programmes offered during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>2.Student</b>	
2.1	1766
Total number of students during the year:	
File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>
2.2	466
Number of outgoing / final year students during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.3	1694
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>
<b>3.Academic</b>	
3.1	482
Number of courses in all programmes during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.2	113
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.3	140
Number of sanctioned posts for the year:	
<b>4.Institution</b>	
4.1	364
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	53
Total number of Classrooms and Seminar halls	
4.3	614
Total number of computers on campus for academic purposes	
4.4	1278.32288
Total expenditure, excluding salary, during the year (INR in Lakhs):	

## 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.

Being an autonomous institution, Alagappa Chettiar Government College of Engineering and Technology has own Board of Studies (BOS) for each department which consisting of internal faculty members and external subject experts who design the syllabus of each course after extensive discussions. In addition to BOS, each department also has own programme advisory committee (PAC), which suggests the curriculum development and syllabus revision based on

the feedback received from the various stock holders and to meet the current technologies and opportunities available at local/regional/global levels. The curriculum and syllabus designed/revised by the BOS of each department is placed before the Academic Council (AC) which is the principal academic body of the institution, for final approval. Curriculum and syllabi are generally designed as per AICTE model syllabus, guidelines of affiliating university, vision and mission of the institution and mainly the syllabus bench-marked with that of the syllabi offered by the premier institutions in the country like IITs, NITs. Every programme has Programme Educational Objectives (PEOs), Programme Outcomes(POs), Programme Specific Outcomes(PSOs), and each course carries course objectives and course outcomes. All the programmes offered by the Institution adopt Choice Based Credit System (CBCS) and practising Outcome Based Education (OBE).

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	<a href="https://accet.ac.in/coe/coe_academic">https://accet.ac.in/coe/coe_academic</a>

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

11

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

80

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	No File Uploaded
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

153

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	No File Uploaded
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

11

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	No File Uploaded
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

Our institution is keen to implement and imbibe professional



ethics, gender, environment and sustainability and human values through its curriculum. The Curriculum is enriched at different levels, first through proper courses offered by the different departments of the college, second through foundation courses by the college in general and third through various invited lectures and workshops/seminars. The curriculum designed in this regard ensures both professional competencies and general competencies (social, ethical values, human values and environment sensitivity). The institution is committed to provide a harmonious environment where students, teaching, non-teaching and technical staff can work together in an environment free from violence, harassment, exploitation and intimidation, which includes all forms of gender-based violence, sexual harassment, and gender-based discrimination. The College is passionate on maintaining the green environments by planting new trees and maintaining trees in college campus by NSS. Community developmental activities like Blood donation camp, Yoga, etc are also regularly organised by various clubs of this institution. In addition to the above clubs, various committees like Internal Complaint Committee/Anti-Sexual Harassment Committee, Student Grievance Redressal Committee, Faculty/Staff Grievance Redressal Committee, Co-Curricular Activities Committee and Extra Curricular Activities Committee have been constituted to ensure effective implementation.

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

60

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	<a href="#">View File</a>

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

2031

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

265

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
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 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://accet.ac.in/feedback_analysis_22-23.pdf">https://accet.ac.in/feedback_analysis_22-23.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://accet.ac.in/feedback_analysis_22-23.pdf">https://accet.ac.in/feedback_analysis_22-23.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

436

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)

272

File Description	Documents
Any additional information	<a href="#">View File</a>
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.

The institution organizes several programs for both advanced and slow learners.

For slow learners, the institution organizes three types of programs to enhance their learning skill.

- **Bridge Courses** - This course offers a complete revision of the basics necessary for engineering students. It helps the students to grasp and understand basics in Physics,

Mathematics, Chemistry and for an effective communication in English. The course is provided for the first year B.E degree students of all branches as per the course syllabi provided by Anna University, Chennai.

- **Weak Students Remedial Class** - Remedial classes are conducted for students who are identified as slow learners from the first internal evaluation test. Tutorial classes with proper schedule are conducted for the students in the corresponding subjects without affecting the regular classes.
- **Induction Program** - This program is organized to bring out the creative skills of the students. External and Internal subject experts are invited to deliver special lectures.

For advanced learners:

- **Fast Track Courses** - Fast Track courses are offered for fast learning students who wish to complete higher semester theory papers at the earlier semesters so as to enable them to go for internship programs in industries.

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
01/06/2022	1766	113

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

## 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:

**Curriculum, Syllabus along with Course Objectives and expected**

course outcomes for each course and list of text books and reference books are provided to the students in advance. Course Plan is prepared by the Faculty and approved by the Head of the Department. ICT tools are available in all the departments and also in the Library.

**Experiential Learning:** All the core theory courses are complemented with Lab courses in the same semester. Industrial visits, inplant trainings, internships are taken by the students which enhance their experiential learning. EDUSAT and QEEE programs along with Anna university is being conducted regularly.

**Participative Learning:** In addition to ISTE students' chapter and IEEE Student Branch, each department has its own technical association which conducts various activities which help students in participative learning.

**Tutorial Class:** Tutorial classes are conducted for certain courses to enhance problem solving ability of students.

**Guest Lectures, Symposium and Workshops:** Guest Lectures and Workshops are arranged for students so that students are exposed to different dimensions in learning. Technical Mini Project contest is conducted annually for the students so as to induce interest in learning among students.

**Build Club -** Students form interdisciplinary teams and do projects. Five teams went for a project expo named 'Empower 22' and one team was shortlisted to the final round. Students attend workshops organised by the Build Club and enhance their skills.

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

Today, it is essential for the students to learn the latest technologies in order to be corporate ready. When ICT is integrated into lessons, students become more engaged in their work. This is because technology provides different opportunities to make it more fun and enjoyable in terms of teaching the same

things in different ways. 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 Institute:

There are 8 ICT enabled classroom and 12 smart classrooms available in ACGCET campus. The laboratories Seminar Halls, Auditorium and conference Room are well equipped with ICT facilities.

The library also provides access to computers and online journals freely available in public domain and also to journals subscribed on the advice of faculty and facilitates downloads.

Internet and Wi-Fi facility is made available to all over the Campus at free of charge to encourage learning.

Google classroom is used to manage and post course related information- learning material, quizzes, lab submissions and evaluations, assignments, etc.

PowerPoint presentations- Faculties are encouraged to use power-point presentations in their teaching by using LCD's and projectors.

Video Conferencing- Students are counseled with the help of Zoom / Google meet applications.

Workshops- Teachers use various ICT tools for conducting workshops on latest methods.

Around 115 faculties are using ICT techniques to optimize the delivery of education.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://drive.google.com/drive/folders/1jDa7hVvkzvBcSLTLKHNDXQcl654i_cke3?usp=sharing">https://drive.google.com/drive/folders/1jDa7hVvkzvBcSLTLKHNDXQcl654i_cke3?usp=sharing</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

83

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

#### Academic Calendar and Teaching plans

Academic Calendar is prepared at the beginning of every Academic Year in the HODs meeting in consent with the Principal and Controller of Examinations and is circulated to all faculty and students. Academic Calendar provides the schedule of Academic Events of the institution for both Odd and Even Semesters in a year.

Academic Events Schedule includes the following academic information:

1. Commencement of Classes
2. Date of Collection of Exam fees
3. Internal Tests Schedule - Three Tests per semester
4. Date of Submission of Attendance Particulars to CoE
5. Date of Issue of Hall Tickets
6. Date of submission of Internal Marks
7. Date of Issue of Hall Ticket
8. Date of Commencement of Practical Examinations
9. Date of Commencement of Theory Examinations
10. Date of Reopening of Next Semester / Year

For each subject, three internal evaluation tests are conducted in each semester. Three Assignments are given in each semester.

Record of class work is maintained by the Faculty Members for each Subject. This record of Class Work is Verified by the Head of the Institution every Month. Course plan for each course is prepared by the faculty member at the beginning of each semester that is approved by the head of the department.



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

113

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

29

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)

1184

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 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

18

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	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

912

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

#### Examination Procedure ;

1. Before the beginning of academic year academic calendar of examination schedule is released with the approval of Academic Council.
2. In every semester, examination activities start with the student's registration.
3. Continuous assessment
4. Semester End Examination Process
5. The office of the Controller of Examinations has introduced "Transparency" in evaluation system. Hence, after the publication of results, the students will be allowed to cross check the valuation of their respective answer scripts in the presence of Faculty Advisor and Course Coordinator. If the Faculty Advisor and Course Coordinator recommend, the student can apply for revaluation within 2 weeks from the

date of publication of results.

6. Revaluation of results will be published within 1 week after considering all such applications.
7. The grade sheet will be issued to all students within one month after the publication of revaluation results.
8. COE office maintains its own website [www.accet.co.in](http://www.accet.co.in) for the purpose of secured and authenticated communication to the stake holders. This website is also linked to the college website

#### IT integration:

All the fees collection are done online and the results are published in the website.

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

## 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

**Response: Yes.**

The defined mandatory Graduate Attributes (GAs) have been taken from the NBA guidelines. Based on the guidelines and inputs received from students, faculty members and alumni, the Program Advisory Committee (PAC) prepares the Program Outcomes (PO), Program Educational Objectives (PEO), Program Specific Outcomes (PSO). Later, these POs, PEOs and PSOs are put up in the Board of Studies (BOS) for approval.

Program Outcomes (PO), Program Educational Objectives (PEO), Program Specific Outcomes (PSO) and Course Outcomes (CO) for all courses are printed in Regulation/Curriculum/Syllabus book and the copies of the same are distributed among the faculties and students of concerned departments. Moreover, the above details are made available in the CoE website under corresponding departments. The PO, PEO and PSO are disseminated in classroom, seminar hall, notice boards and laboratories.

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://accet.ac.in/coe/coe_academic">https://accet.ac.in/coe/coe_academic</a>

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

The college evaluates the course learning outcomes in the following levels.

1.Course level: In this level, three series tests and assignments with overall weightage of 30% is used. It is ensured that the three series tests and assignments cover the entire course objectives of the particular subject.

2.End semester examination: End semester theory and practical examinations with weightage of 70% is used. It is ensured that the theory and practical examinations satisfy the course objectives of the particular subject.

3.The Program Outcomes (PO) and Program Specific Outcomes (PSO) are evaluated by a committee chaired by the Principal, Head of the department, senior faculty members, industry representative and stake holders. This committee collect data related to students learning. Based on this data, they determine whether the students have achieved the PO and PSO in all the subjects. Further, they analyse how to improve the student learning activity for the respective subject. This committee ensures that the students understand the objectives, outcomes and effectiveness of learning.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://drive.google.com/drive/folders/1I3bT-7cAIHng2IkF5ulFIV2JQtUpuFWH?usp=sharing">https://drive.google.com/drive/folders/1I3bT-7cAIHng2IkF5ulFIV2JQtUpuFWH?usp=sharing</a>

## 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

442

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	<a href="#">View File</a>
Paste link for the annual report	Nil

## 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://accet.ac.in/naac\\_feedback\\_document.pdf](https://accet.ac.in/naac_feedback_document.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

Alagappa Chettiar Government college of Engineering and Technology (ACGCET), Karaikudi is offering research through its six departments (Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Computer Science & Engineering and Science and Humanities). All these departments are recognized research centers of Anna University. All research scholars either pursuing through regular or part-time mode should be admitted through Anna University. Our institution encourages research through integrating the research with the academic program and enhances research facilities in the departments and establish center of excellence in emerging fields.

ACGCET is a recognized QIP Centre (Minor) from the academic year 2016-17. Three departments have been recognized (Civil Engineering, Mechanical Engineering and Electrical and Electronics Engineering) for the admission of regular Ph.D scholars with AICTE Scholarships. The main objective of QIP is providing opportunities to faculty members of the degree-level engineering institutions to improve their qualification by offering admissions to Master's and Ph.D. degree Programmes.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	No File Uploaded
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://accet.ac.in/naac">https://accet.ac.in/naac</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)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
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	No File Uploaded
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)

38.31860

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	<a href="#">View File</a>
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

30

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	<a href="https://www.aicte-india.org/">https://www.aicte-india.org/</a> <a href="https://www.serbonline.in/SERB/">https://www.serbonline.in/SERB/</a>
Any additional information	<a href="#">View File</a>

### 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 established an Incubation centre to facilitate the students to develop new products within the campus. Necessary funding, guidance and technical supports are given to the students to enhance the research activity towards learning. THIRAN is one of the platforms to perform innovative projects funded by the ALUMNI Association of our Institution.

#### Objectives

1. To facilitate resources to do multi disciplinary research.
2. To create awareness about current trends, technologies and new innovations among engineering students.
3. Motivating graduates to collaborate with various organizations for funding as well as knowledge sharing.

Vision / Mission of Institution's Innovation Council (IIC) established at the Institute

#### Vision:

? To promote innovation in the institution through multitudinous modes and to build an innovation promotion eco-system.

#### Mission:

? Networking with all innovation related clubs/cells/associations in the institute.

? Conduct periodic workshops and contests related to I&E and IPR.

? Introduce I&E and IPR in curriculum

? Disseminate a culture of entrepreneurship activities in the campus

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://accet.ac.in/iic">https://accet.ac.in/iic</a>

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

7

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

C. Any 2 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	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

89

File Description	Documents
URL to the research page on HEI website	<a href="https://accet.ac.in/research">https://accet.ac.in/research</a>
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

83

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

13

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

2454

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

56

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
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)

29.00574

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	<a href="#">View File</a>

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

0

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	No File Uploaded
List of facilities and staff available for undertaking consultancy	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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

Through extension activities such as NSS, students have become aware of numerous social issues. By organizing such programs, they have had the opportunity to cultivate their leadership qualities. Working in the field has helped students acquire a diverse range of skills, including ethical communication with local communities and stakeholders. Furthermore, students have utilized their scientific knowledge to devise technical solutions for various problems through extension activities. Participation in extension activities like NSS has exposed students to a wide range of social issues and helped them become more socially aware. Through extension activity such as NCC, students are trained to follow a disciplined life. It's a Tri-Services Organization and engaged in grooming the youth in India to become patriotic citizens. NCC training offers many benefits to the trainees. After attending a minimum of 75% of NCC training, the students get a certificate from NCC according to their level. These certificates help the students in their career.

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**

0

File Description	Documents
Number of awards for extension activities in during the year	<a href="#">View File</a>
e-copy of the award letters	No File Uploaded
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)**

30

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**

5086

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

**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**

265

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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)**

10

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	<a href="#">View File</a>

## 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.

Yes.

**Physical / infrastructural facilities towards learning:**

The campus covers 218 acres of land. All the departments have separate self-contained built-up areas. All the engineering departments have their own seminar hall(s). Total area of class rooms is 3050 sq.m. Total area of drawing halls and seminar halls is 3156 sq.m. Total area of laboratories is 7754 sq.m. Total area of administrative block is 2626 sq.m. Total amenities area is 5955 sq.m. Total area of library is 1073 sq.m. It is automated with computerized library service. OPAC (Online Public Access Catalogue) allows access of catalogue of more than 63,082 books in 29,837 titles to be accessed from all departments through intranet. In addition to the books, library has 58 national journals, 63 international journals and 852 educational CD's.

There are 7gents hostels and 6 ladies hostels that spread over 10056 sq.m. Apart from these, our institute has ATM, canteen, dispensary, post-office, Cooperative Store, and more. Our institution is a recognized research centre by the Anna University.

**Computing facilities:**



More than enough number of computers are available in the campus to meet the computing needs. Besides, the computer labs in all departments have softwares like MS Office, TOEFL, STAAD Pro V8i, ETAP, SAP2000, AutoCAD, Pneumatics Robox, Atmel Studio, PSCAD, MATLAB, LabVIEW, dSPACE, HFSS, CST Microwave studio, OPTIWAVE, CADENCE, JAVA, Visual C++ MYSQL etc. Our college is facilitated with Wi-fi provisions with 40+40 internal and external access points. College campus is provided with 140 KVA generator power backup and LAN connectivity for nearly 320 nodes.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://accet.ac.in/centers-and-facilities">https://accet.ac.in/centers-and-facilities</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.)

The college encourages and offers facilities to the students to participate in outdoor and indoor games. The college campus has one badminton court, two ball badminton courts, one basketball concrete court, one cricket pitch, one football ground, one hockey ground, three tennis courts, one table tennis court, two volleyball courts, one kho-kho court, one handball ground, a open stadium, a gym room with 21 stations, a newly constructed indoor stadium and a yoga meditation hall. The college has a separate tennis club which conducts summer coaching camps for students. Open ground is available in all hostels to facilitate the students to play during their leisure time.

Sports day is conducted annually and the students of all courses participate and show their talents in various sports and games. Budgetary provision is available to accommodate the expenditures related to the sports and games activities in the college. State level sports competitions are also conducted in this college and many students have participated and won medals.

During the even semester of every year, a colourful cultural function is conducted at the open-air theatre of the college to the students.

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://accet.ac.in/sports">https://accet.ac.in/sports</a>

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

53

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)

1271.16407

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	No File Uploaded

## 4.2 - Library as a Learning Resource

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

AutoLib- is a popular and advanced integrated Library automation management software, designed and developed by a team of Library & Information Science specialists, database designers, software developers and network specialists. AutoLib software was first installed in our college library on 29.06.2016. It is a fully integrated, versatile, user-friendly, cost-effective and multi-user Library automation software. This module allows to create and maintain database of digital library resources such as e-books, e-

journals, audio/ video clippings, images, pictures, photos, animations, web resources, computer files, etc .It also allows users to search and retrieve data..Microsoft Technology,Java Technology,Open Source Technology are the technologies used .Easy to use /data entry made simple and also handles thousands of records more efficiently. Book ordering and serial control made simple in our library.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://autolib-india.net/autolib.php">http://autolib-india.net/autolib.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)**

4,40,907

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
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**

130

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

In each department, classrooms are equipped with computers, LCD projectors, and internet connectivity to enhance the teaching-learning process. Our college boasts a fully automated library containing an ample supply of books spanning all disciplines, including rare editions, manuscripts, special reports, and an extensive collection of e-journals and e-books. Learning resources such as e-journals, e-books, and databases like Scopus and Web of Science are accessible to both faculty and students around the clock. Additionally, the college provides well-equipped seminar halls and virtual classrooms outfitted with LCD projectors, as well as fully equipped laboratories and computer labs to foster the development of students' technical skills. Faculty members are encouraged to create e-content for platforms such as MOOCs, NPTEL videos, EDUSAT, and DELNET. Moreover, students are incentivized to conceptualize and transform their ideas into applications and prototypes using the software available in the computer laboratories. These labs are stocked with a wide array of software, including but not limited to MS Office, TOEFL, STAAD Pro Vi8, ETAP, SAP2000, AutoCAD, Pneumatics Robox, Atmel Studio, PSCAD, MATLAB, LabVIEW, dSPACE, HFSS, OPTIWAVE, CST Microwave Studio, CADENCE, JAVA, Visual C++, and MSSQL. To facilitate the preparation of teaching and learning materials, faculty members' cabins are equipped with internet-enabled computing facilities complete with printers. Faculty members are granted access to a Digital Library, enabling them to reach e-journals and NPTEL materials shared within the LAN, which can also be accessed 24x7 through Wi-Fi. The college ensures a satisfactory student-to-computer ratio while providing over 100 Mbps bandwidth for internet connectivity.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1686	614

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	No File Uploaded

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/1S5bUH7mcQcnFttrYhXgrRGgqEp7AlGav/view?usp=sharing">https://drive.google.com/file/d/1S5bUH7mcQcnFttrYhXgrRGgqEp7AlGav/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)

7.15881

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

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.

Yes. Our college has a dedicated Estate Office for maintaining the Cleanliness of buildings, class-rooms, Rest rooms, lawns and laboratories roads, water supply, security and other amenities and facilities. The construction and maintenance of buildings in the college and hostels are carried out by PWD Technical Education (civil wing). The electrical maintenance of college buildings are carried out by PWD Technical Education (Electrical wing). The Estate office maintains the security of the campus properties using the security staffs and watchmen. The campus was well maintained by basic workers and also with the help of NSS student's volunteer's team. Drinking water facilities and rest rooms are provided in each building.

New tree plantations are also undertaken to make the campus green.

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

1234

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

33

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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	<a href="https://accet.ac.in/">https://accet.ac.in/</a>
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**

3567

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited 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	<b>No File Uploaded</b>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>
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

225

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

5.2.2 - Number of outgoing students progressing to higher education



11

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

1

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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

30

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

Students are involved in various committees of the institution - like hostel committee, Differnetly abled welfare committee, Placement Advisory Committee, Extra-curricular and Co-curricular committees, IQAC, Internal Committee, Committee for SC/ST students, Students Grievance Redressal Committee

Each department has its association which organizes seminars, symposia, national and international conferences on technical topics. Muthamizh mandram-It intends to enhance and develop the Tamil language among the students. Pongal is celebrated in the college every year in a grand manner by this club. National Service Scheme (NSS) - We have 3 NSS units with 300 volunteers. Youth Red Cross (YRC) -It is providing relief in times of disasters, emergencies and promotes health care of the vulnerable peoples. National Cadet Corps - Students get trained with basic military activities. Leo club - sponsored by Lions Club of Karaikudi cosmos which inculcates leadership, experience and opportunity.

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

33

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	<a href="#">View File</a>

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

Alagappa Chettiar Government College of Engineering and Technology Old Boys Association - ACCETOBA was started as a society in the year 1972 and was registered on 02-09-1973 (Regd. Society No. 37of 1972) with the office at Alagappa Chettiar Government College Engineering and Technology, Karaikudi. Any student graduating from Alagappa Chettiar Government College of Engineering and Technology is eligible to be a life member of the association by paying a one-time fee (Rs.1000/-). The association helps and supports the alumni batches to organize and celebrate their Silver Jubilee of

graduation in the institution and from 2006 the Golden Jubilee batches are also celebrating their function every year in the campus.

The association gives cash awards to rank holders in the graduation day and best sportsmen every year during the sports day. The 1958 batch alumni have donated three lakh rupees from which an 8 gm Gold medal is given to the best outgoing Student every year from 2009. Alumni who are celebrating their Silver Jubilee, as a token of their gratitude to the institution, construct and donate hostel blocks, auditorium, computer centre, sanitary facilities, RO water plant and generators. Soft skill training is given to the students of third year B.E. for the past 5 years by the 1987 batch alumni in order to enhance the employability of the students. Also the alumni are organizing campus placements, seminars, career guidance programs and help in arranging for internships and industrial visits to reputed industries.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://alumni.acetosa.org">https://alumni.acetosa.org</a>

**5.4.2 - Alumni’s financial contribution during the year**                      **A. ? 15 Lakhs**

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

**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

The institution has qualified teachers and competent administrators at various levels to materialize its vision and mission.

The college is headed by the Principal supported by Vice-Principal, Heads of Departments, Controller of Examinations, Faculty members, Technical staff, Administrative staff, Supporting

staff and sanitation workers. The leadership ensures the compliance of academic and administrative works through regular analysis, meetings and audits.

Departmental resources are updated by purchase of equipments, machinery and furniture with financial assistance from Government of Tamil Nadu and Alumni of the institution. Teaching faculty, Technical staff and students are undergone training through NPTEL and AICTE sponsored courses. Soft skills training course is mandatory for the third year students, funded and administered by the Alumni Association of ACGCET. Also, sense of social responsibility and awareness are sown in the minds of the students through NSS, NCC, YRC, Rotract club, Leo club etc.

The academic and administrative activities are carried out with the proper planning of the Principal, Heads of Departments, PA to Principal and Bursar. The plans are implemented after the approval from the members of Board of Governors which is constituted by the Government of Tamilnadu as per the UGC guidelines. It is headed by an eminent industrialist. It meets at least once in six months or as and when required. The BOG nominees by the Government of Tamilnadu and the detailed minutes of 29th BOG meeting held in the year 2022-23 is uploaded herewith.

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

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

Our college has decentralized governance and it manages by roping in the entire faculty members in the distribution and deployment of power. The Principal is the head of the institution representing the Government and is provided with financial powers. Likewise, the Heads of the departments are delegated full academic autonomy and financial autonomy to the tune of Rs.5000

Various committees are formed with faculty and staff to monitor the progress and take necessary action for the completion of work. The committees available in the institution in the academic year 2022-23 are:

- 1.Board of Governors
- 2.Academic Council
- 3.Board of Studies
- 4.Grievances committee
- 5.Internal Complaint Committee
- 6.Anti-ragging committee
- 7.Committee for SC/ST

These committees meet when the situation warrants and submit their reports to the Principal.

Further, the Head of the institution is supported by HODs and members of committees in all academic and administrative functioning. Moreover, teachers especially faculty advisors are given freedom to take decisions in concurrence with the HODs/Chief faculty Advisors related to students plea for leave and other permissions. At the same time, major decisions with regard to students and other institutional academic and financial issues are taken by the Principal after discussions with the BOG, HODs and respective committees to solve the issues if any reported.

The minutes of thecommittee meetings held in the year 2022-23 is uploaded herewith.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://accet.ac.in/igac_strategic">https://accet.ac.in/igac_strategic</a>

6.2 - Strategy Development and Deployment

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

The strategic plan is focused on an organizational management activity that has been used to set priorities, focus energy and

resources, strengthen operations to ensure that the employees and other stakeholders are working towards a common goal. Strategic plan has been used as an effective tool for guiding the day to day decisions towards the progress of the institution. It is also used for evaluating the changes in the approaches when heading forward through assistance from various stakeholders, external agencies like NBA, NAAC, NPIU, NIRF, IIC & ARIIA.

Academic excellence is achieved using technology-based teaching learning process and by continuous faculty engagement with effective utilization of resources. Strong and flexible curriculum is provided by academic autonomy in order to promote creativity, problem solving and industry-oriented courses in line with OBE. Students are encouraged to earn at least 10% of their degree course credits through online platform (MOOC/NPTEL). Student's placement activities are promoted as it renders the students an opportunity to gain specific skills in their subject or industry of choice as well as the employability and entrepreneur skills required for real-life work. Outreach activities are aimed to strengthen relations with industry, to contribute directly to society and to spread awareness in the community about the important contributions of the institution.

The accomplishment of these plans is evident through participation in NIRF ranking, new R & D projects, increase in the number of students placed, etc.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://accet.ac.in/igac_strategic">https://accet.ac.in/igac_strategic</a>
Upload any additional information	<a href="#">View File</a>

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.

As per State Government G.O (MS) No. 314 dt. 13/09/2007 which states the composition and major functions of the Board of Governors, the institution has framed its own Board of Governors (BoG). Being an autonomous college, it has its own Academic Council which is responsible for formulating, regulating and maintaining the standards of teaching, research and examinations. Board of Studies (BoS) is primarily responsible for the curriculum

design, delivery and assessment followed in each department. Principal is the member secretary of BOG who involves in implementing the devised strategic planning for the development of the institution and conducts meetings periodically. The academic and administrative activities carried out by the institution will be reported to the BOG Members who are responsible for reviewing the progress and functioning of the institution and suggest the remedial measures wherever needed in accordance with good Governance. The controller of examinations is responsible for managing the examination process. Each department has its own head and they perform academic and administrative management of the department.

IQAC is also functioning in the college to develop a system for conscious, consistent & catalytic improvement in the overall performance.

Service rules and procedures are as defined by the Government of Tamil Nadu and recruitment is done through Teachers Recruitment Board. All Promotional polices are based on UGC 7th pay commission. Government Orders related to service rules, procedures, recruitment and promotional policies are available in TN government website.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://accet.ac.in/organisation">https://accet.ac.in/organisation</a>
Upload any additional information	No File Uploaded
Paste link for additional Information	<a href="http://www.tn.gov.in">www.tn.gov.in</a>

**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	<a href="#">View File</a>

### 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

#### Welfare Measures

##### Leave as per Tamil Nadu Government rules

- Casual leave - 12 days and Restricted holidays - 3 days
- Vacation - 70 Days (Winter vacation 28 days + Summer vacation 42 days)
- Maternity leave - 12 months
- Medical leave - Maximum 540 days for more than 20 years of service and minimum 90 days for 2-5 years of service
- Earned leave - 240 days
- On duty - 20 days per year excluding examination duties
- Compensation leave for group C and D govt. servants

#### Loan

- Housing loan
- Vehicle loan
- Festival advance
- Thrift Society in the Institution offers loans and RD to staff at reasonable interest rates.

#### Savings and Benefit Schemes

- General Provident Fund / Contributory Pension Scheme
- Family Benefit Fund
- Gratuity Pension Benefits
- Leave Travel Concession
- National Health Insurance scheme
- Lump sum amount for additional educational qualification - For Ph.D. - Rs.25,000/-



Other Benefits

- Library
- Free Internet Facility/ WiFi
- Canteen facility
- Bank ATM
- Residential quarters
- Gardening for walking way
- Purified drinking water
- Medical dispensary
- Playground for physical and mental fitness
- Ball badminton court, Basket ball court, Indoor stadium
- Post office
- Cooperative store
- Ramps for Physically challenged

Avenues for career development / progression

The institution supports the faculties to pursue their higher degree through part time mode. It encourages them to develop their communication, lingual, writing and quantitative excellences. The faculty members are permitted with on-duty to attend professional development programmes. The college supports them to apply for Major and Minor Research Projects. They are also encouraged to publish their research works in reputed national and international journals.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://cms.tn.gov.in/sites/default/files/acts/tngs_act_2016.pdf">https://cms.tn.gov.in/sites/default/files/acts/tngs_act_2016.pdf</a>

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

4

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

7

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.)

49

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

Yes, both internal and external financial audits are conducted regularly in the institution. A full-time Bursar, Superintendent and Cashier are available to maintain the annual accounts and balance sheet of the institution.

The internal audit for the financial year 2022-23 was performed by

the office of the Commissioner of Technical Education, Chennai. This audit team was comprised of the Superintendent & Assistant from 'X' section of DOTE office and two other Assistants working in the offices of Government Polytechnic Colleges in Tamil Nadu. This team carried out the auditing in our institution from 03.07.2023 to 07.07.2023. Then this audit was overviewed by the Financial Advisor & Chief Accounts Officer from DOTE office on 08.09.2023. The audit team verified all the documents related to the financial transactions and raised objections/queries on various issues in the institution.

No. of objections raised: 30

No. of objections dropped by FA&CAO while overviewing: 10

No. of objections dropped through letters from the Principal to DOTE office : 6

The external audit was conducted by the office of the Principal Accountant General (Audit-I), Tamil Nadu from 07.02.2023 to 16.02.2023.

In this audit, the accounts maintained in the Principal office of this institution were inspected. The audit was focused on verifying the implementation of schemes and budgetary control mechanism. The team verified all the relevant documents from the year 2017 to 2023 and raised objections on various issues.

No. of objections raised : 9

No. of objections dropped : 4

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)**

118.33890

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

As per G.O Ms. No. 142 Higher education (J1) Department dated 31.05.2007 issued by the Government of Tamilnadu, four funds viz,

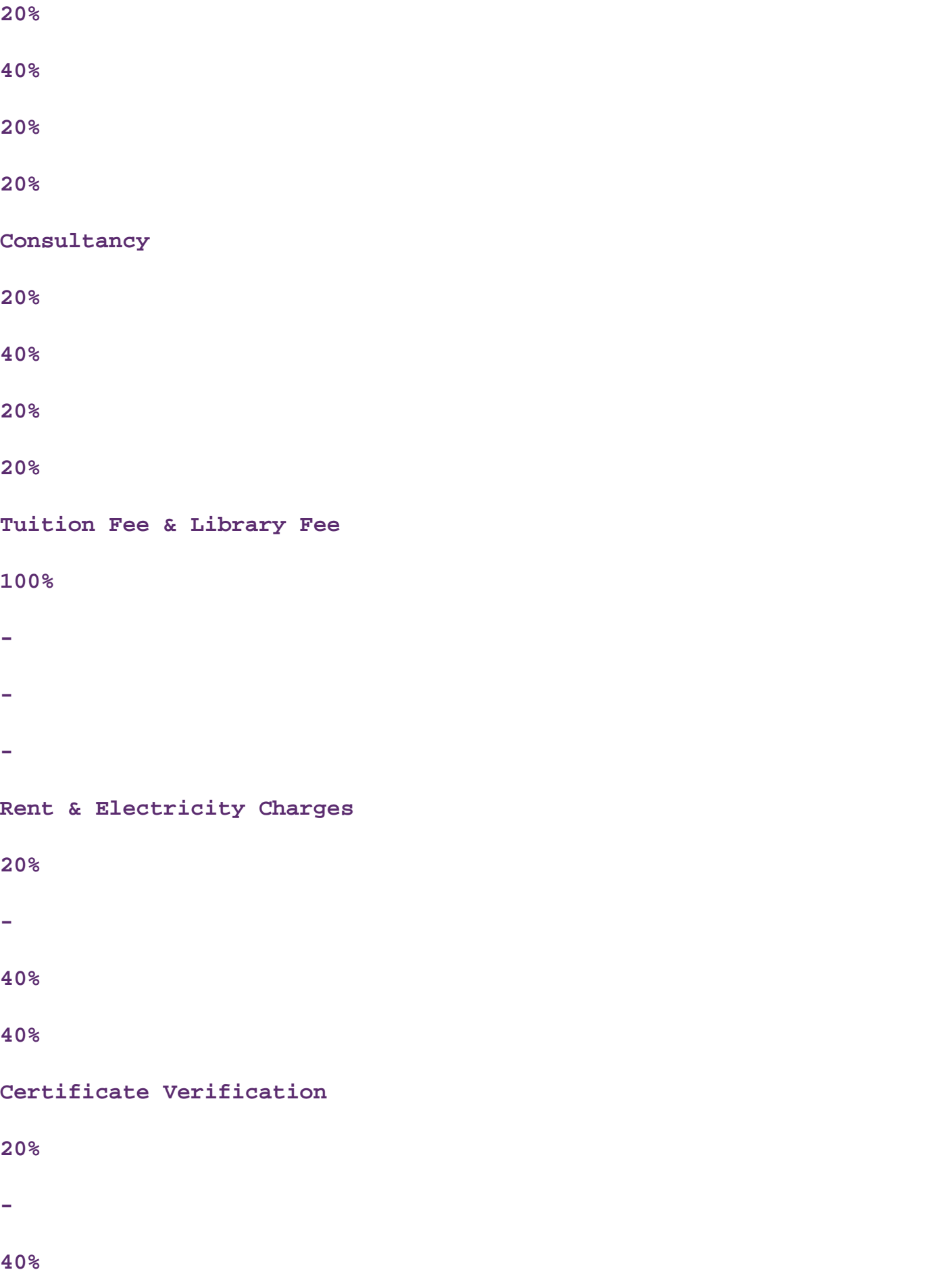
1. Corpus fund
2. Staff development fund
3. Maintenance fund and
4. Depreciation Fund

have been established in the institution. The sources of these four funds are

1. matching or other grants of Governments
2. institutional share out of the Internal Revenue Generation (IRG)
3. savings of block grant and
4. accrued interest on block grant.

The mobilization of funds from IRG shared to the four funds are as detailed below:

IRG	
Corpus Fund	
Staff Development Fund	
Maintenance Fund	
Depreciation Fund	
Testing	



40%

Fine

20%

-

40%

40%

Bus Fare Collection

100%

-

-

-

Interest

100%

-

-

-

The utilization of these funds is that

(1) Corpus funds are used for capital nature of expenditure which are not covered through Government fund.

(2) Staff development funds are used for critical staff development activities not covered by government grant.

(3) Maintenance funds are meant for usual and regular maintenance of equipment and facilities of the institution.

(4) Depreciation funds are utilized for replacement of unserviceable equipments.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://www.tn.gov.in">www.tn.gov.in</a>

## 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 works towards the realization of goals for quality enhancement and enrichment. IQAC visualized most of the incremental improvements made with regard to quality during the preceding year. In the academic year 2022-23, IQAC conducted four meetings through online Google meet and recorded minutes of the meetings.**

**Government of Tamil Nadu proposed to conduct programmes in Government engineering colleges for teaching foreign languages such as French, German and Japanese for the benefit of UG Engineering students. IQAC recommended suitable faculty coordinators to conduct the Programme.**

**Government of Tamil Nadu also proposed to conduct training Programmes to provide training to the students in clearing GRE, TOFEL, GATE and CAT exams. IQAC recommended suitable faculty members as coordinators for effective implementation of the programme.**

**IQAC suggested conducting an awareness programme to explore "I-STEM Linking Researchers and Resources". Indian Science Technology and Engineering Facilities map is a national Web portal developed with the concept "One Nation One Portal" for the scientific community, aimed at "Linking Researchers and Resources".**

**The institution encourages especially Mechanical Engineering students to participate in "Formula Kart Design Challenge" to be conducted by the Fraternity of Mechanical and Automobile Engineers. IQAC suggested the HOD of Mechanical Engineering to appoint suitable faculty mentor and also to monitor the progress**

of the project carried out by the students.

In this way, IQAC has contributed significantly for institutionalizing and implementing many of the quality assurance strategies and processes in the institution.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://accet.ac.in/iqac">https://accet.ac.in/iqac</a>

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

Internal Academic Audits are conducted in each department once a year for both odd and even semesters which paves the way for authorization and augmentation of the quality assurance of each programme. The audits are conducted and evaluated as per ISO standards with specific format for all departments. The audit team appointed for each department verifies all the documents maintained in the department related to various academic activities such as curriculum and development, students aspect, Teaching-learning evaluation process, Research, innovation & extension and other aspects.

The academic audit for the year 2022-2023 was conducted in each department of the institution during the month of March 2024 and the audit reports are uploaded.

Thus the institution reviews its teaching-learning processes, structures and methodologies of operation and learning outcomes through its IQAC.

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

A. Any 4 or all of the above



**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)**

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://accet.ac.in/annual_reports">https://accet.ac.in/annual_reports</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**

Two programs were conducted effectively and the female participants got motivated and explore their talents.

The first program was conducted to celebrate Women's Day on 8.3.2022 with the girl students of the college with many inspirational talks, speeches, and dance activities presided grandly by the chief guest and by students accordingly. Dr.V.Preetha, M.D. Government Hospital, Kanadukathan, Karaikudi, Dr.P.K.PALANI, Principal presided the function along with other teaching and nonteaching faculties and students.

The second program "Yathumanaval" was organized by Rotaract Club to empower Women on 21.07.2022 with the girl students, of the college with inspirational talk by the chief guest Jayantha Sri Balakrishnan and Kalaiselvi, Director CECRI, Karaikudi, Sivagangai District . Dr.P.K.PALANI, Principal presided the function along with other teaching and nonteaching faculties and students.

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

**B. Any 3 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)**

#### **1. solid waste management**

The solid waste in the campus is generated from various potential sources, such as Academic building, Hostels, Canteen, Garden etc. All the waste is managed by sweepers allotted for the different buildings in the campus. Separate dustbins are provided for collecting biodegradable and non-biodegradable waste. Dustbins are placed different locations in the campus. The incinerators are installed at ECE department and college hostels to dispose the sanitary napkins.

#### **2. Liquid waste management**

Liquid wastes generated in the laboratories Chemistry and Environmental Engineering are diluted with water and then discharged to the nearby trees, plants and gardens in the college premises.

#### **3. E waste management**

The e-waste management in the campus entails assessing, collecting, and responsibly disposing of outdated electronic equipment. It involves conducting audits to identify obsolete devices, implementing recycling initiatives, and ensuring

compliance with environmental regulations. Collaboration with certified e-waste recyclers for proper dismantling and recycling is crucial. Additionally, promoting awareness among staff and students about the importance of electronic waste management and encouraging practices like donation or refurbish

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	<a href="#">View File</a>
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

B. Any 3 of the above

File Description	Documents
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**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	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:**

**D. Any 1 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	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	<a href="#">View File</a>

**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,**

**D. Any 1of the above**

reader, scribe, soft copies of reading materials, screen reading, etc.

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).

The institution believes in equality of all cultures and traditions. Though the institution has different socio-cultural background and different linguistic, our institution undertakes various initiatives to bring tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities. Every year our institute celebrates Republic day and Independence Day on January 26 th and August 15 th respectively to inform the qualities of freedom fighters and to emphasize the duties and responsibilities of citizens. The institution encourages participation of students in Sports and Games, NCC and NSS at National level to strengthen nationwide bond and relation.

Our Institute act as TNEA facilitation centres: 1. Tamilnadu Engineering Admission (TNEA’23-I Year) Online Registration & Application Filling Certificate Verification Online Choice filling Provisional Allotment 2. Tamilnadu Lateral Entry Admission Online Registration & Application Filling Certificate Verification Online Choice filling Provisional Allotment Candidates from Sivagangai district used the facilities available in our TFC.

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 college curriculum for post graduate is framed with courses like Constitution of India, Value Education, Professional ethics for engineers and Stress management by yoga as a small step to inculcate constitutional obligations among the students.. Ant ragging committee was constituted in ACGCET to prevent ragging related issues inside and outside the campus. The college establishes policies that reflect core values. Code of conduct is prepared for students; everyone should obey the conduct rules. Faculties, Non- teaching Staff and Administrative staff should follow the conduct rules prescribed by the Tamil Nadu Government :[https://www.tnpsc.gov.in/static\\_pdf/departmental/tngovfr.pdf](https://www.tnpsc.gov.in/static_pdf/departmental/tngovfr.pdf).

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**

**C. Any 2 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

November 19 - National Integration day is observed. On that day, the principal, faculties, students, technical personnel, and administrative staff gather in the rear of the main building to make a commitment to uphold and strengthen love and harmony in society.

May 21st - Anti-Terrorism Day. To make a vow against anti-terrorism, the principal, faculties, students, technical staff, and administrative staff gather at the back of the main building.

January 30th - the day of Mahatma Gandhi's assassination, people commemorate the martyred souls who gave their lives in the liberation movement to protect our nation's sovereignty. In order to express thanks to those souls, the principal, faculties, students, technical staff, and administrative staff gather at the back of the main building on this day. They give up their regular activities and observe quiet for two minutes at eleven o'clock.

October 2 - we commemorate Gandhi Jayanti, the birthday of our nation's father, Mahatma Gandhi. Worldwide, people commemorate this day as the International Day of Non-Violence. To honor and express gratitude, the principal, faculties, students, technical personnel, and administrative staff gather in front of the main building on this day.

Independence Day and Republic Day. Every year, the Principal, the Head of the Institution, hoists the national flag, after which the faculty, students, and NCC cadets pay their respects to the flag.

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

## In-house Design and Development of IT Services for the Institute.

### Objectives of the Practice

1. To involve students in real-time IT projects, fostering the development of higher-order cognitive abilities.
2. To bring out industry-ready students.

### The Context

The institute depends on third parties for its IT needs. This practice intends to involve computer science students to build IT services to practice it under a faculty mentor

### The Practice

A group of students from the Computer Science and Engineering department, along with a faculty mentor, is involved in the design, development, and maintenance of IT services-related projects for the institute as their final year projects. This enables experiential learning, allowing them to understand the intricacies of real-time projects.

### Evidence of Success

The students and faculty have successfully designed and developed a bunch of real-time IT services. The institute's own website is created by our students. They have also built software for the Tamil Nadu Government's Lateral Entry Admission, which has seamlessly handled thousands of applications without a single snag

### Problems Encountered and Resources Required

The students work with various programming languages, addressing both technical and non-technical issues. The faculty mentors closely monitor their progress and guide them in the appropriate direction to build products that meet industrial standards

The screenshots are available in <https://docs.google.com/document/u/1/d/1URGoVpAwNLtsicfrwGzdC6OCooZxCMF3UduHITbDKA/edit>



File Description	Documents
Best practices in the Institutional website	<a href="https://accet.ac.in/igac_practices">https://accet.ac.in/igac_practices</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)

1. Students of this institution are given value based education along with Industrial expertise. Most of the students are from rural background and therefore high technical knowledge is imparted to those socio-economically backward students at affordable cost with knowledge and skills.
2. Highly qualified instructors with a fair deal of expertise consistently use ICT tools to provide students excellent lectures that improve their higher order thinking skills. A mentor-mentee system is in place, and students can talk to the mentor about both their personal and academic issues.
3. Centre of Excellences - Mechanical Engineering, ECE - QMax, Antenna Testing - Revenue generation, research testing.
4. There are totally 10 functional MoUs in the institution. Students are benefited by the services provided by the Industries.
5. The institution offers value-added and specialized courses under the "Naan Mudalvan Scheme," and those courses can be transferred for credit toward their curriculum, increasing the number of placements they can offer.
6. There are 5 Ventures/startups, 5 Pre-incubation & 7 Incubation units.
7. There are 11 Academic Courses that impart Innovation, Entrepreneurship and IPR skills for students.
8. Clubs - ISTE, SIH, NSS, NCC, YRC, UBA, Thiran, Xperz. Students improve their talents by these club activities.

## 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.

Being an autonomous institution, Alagappa Chettiar Government College of Engineering and Technology has own Board of Studies (BOS) for each department which consisting of internal faculty members and external subject experts who design the syllabus of each course after extensive discussions. In addition to BOS, each department also has own programme advisory committee (PAC), which suggests the curriculum development and syllabus revision based on the feedback received from the various stock holders and to meet the current technologies and opportunities available at local/regional/global levels. The curriculum and syllabus designed/revised by the BOS of each department is placed before the Academic Council (AC) which is the principal academic body of the institution, for final approval. Curriculum and syllabi are generally designed as per AICTE model syllabus, guidelines of affiliating university, vision and mission of the institution and mainly the syllabus benchmarked with that of the syllabi offered by the premier institutions in the country like IITs, NITs. Every programme has Programme Educational Objectives (PEOs), Programme Outcomes(POs), Programme Specific Outcomes(PSOs), and each course carries course objectives and course outcomes. All the programmes offered by the Institution adopt Choice Based Credit System (CBCS) and practising Outcome Based Education (OBE).

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	<a href="https://accet.ac.in/coe/coe_academic">https://accet.ac.in/coe/coe_academic</a>

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

11

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

80

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	No File Uploaded
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

153

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	No File Uploaded
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

11

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	No File Uploaded
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

Our institution is keen to implement and imbibe professional ethics, gender, environment and sustainability and human values through its curriculum. The Curriculum is enriched at different levels, first through proper courses offered by the different departments of the college, second through foundation courses by the college in general and third through various invited lectures and workshops/seminars. The curriculum designed in this regard ensures both professional competencies and general competencies (social, ethical values, human values and environment sensitivity). The institution is committed to provide a harmonious environment where students, teaching, non-teaching and technical staff can work together in an environment free from violence, harassment, exploitation and intimidation, which includes all forms of gender-based violence, sexual harassment, and gender-based discrimination. The College is passionate on maintaining the green environments by planting new trees and maintaining trees in college campus by NSS. Community developmental activities like Blood donation camp, Yoga, etc are also regularly organised by various clubs of this institution. In addition to the above clubs, various committees like Internal Complaint Committee/Anti-Sexual Harassment Committee, Student Grievance Redressal Committee, Faculty/Staff Grievance Redressal Committee, Co-Curricular Activities Committee and Extra Curricular Activities Committee have been constituted to ensure effective implementation.

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

60

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	<a href="#">View File</a>

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

2031

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

265

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	No File Uploaded

### 1.4 - Feedback System

<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>
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File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://accet.ac.in/feedback_analysis_22-23.pdf">https://accet.ac.in/feedback_analysis_22-23.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>
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File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://accet.ac.in/feedback_analysis_22-23.pdf">https://accet.ac.in/feedback_analysis_22-23.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

**436**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
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)

272

File Description	Documents
Any additional information	<a href="#">View File</a>
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.

The institution organizes several programs for both advanced and slow learners.

For slow learners, the institution organizes three types of programs to enhance their learning skill.

- **Bridge Courses** - This course offers a complete revision of the basics necessary for engineering students. It helps the students to grasp and understand basics in Physics, Mathematics, Chemistry and for an effective communication in English. The course is provided for the first year B.E degree students of all branches as per the course syllabi provided by Anna University, Chennai.
- **Weak Students Remedial Class** - Remedial classes are conducted for students who are identified as slow learners from the first internal evaluation test. Tutorial classes with proper schedule are conducted for the students in the corresponding subjects without affecting the regular classes.
- **Induction Program** - This program is organized to bring out the creative skills of the students. External and Internal subject experts are invited to deliver special lectures.

For advanced learners:

- **Fast Track Courses** - Fast Track courses are offered for fast learning students who wish to complete higher semester theory papers at the earlier semesters so as to enable them to go for internship programs in industries.

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
01/06/2022	1766	113

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

### 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:

Curriculum, Syllabus along with Course Objectives and expected course outcomes for each course and list of text books and reference books are provided to the students in advance. Course Plan is prepared by the Faculty and approved by the Head of the Department. ICT tools are available in all the departments and also in the Library.

**Experiential Learning:** All the core theory courses are complemented with Lab courses in the same semester. Industrial visits, inplant trainings, internships are taken by the students which enhance their experiential learning. EDUSAT and QEEE programs along with Anna university is being conducted regularly.

**Participative Learning:** In addition to ISTE students' chapter and IEEE Student Branch, each department has its own technical association which conducts various activities which help students in participative learning.

**Tutorial Class:** Tutorial classes are conducted for certain courses to enhance problem solving ability of students.

**Guest Lectures, Symposium and Workshops:** Guest Lectures and Workshops are arranged for students so that students are



exposed to different dimensions in learning. Technical Mini Project contest is conducted annually for the students so as to induce interest in learning among students.

Build Club - Students form interdisciplinary teams and do projects. Five teams went for a project expo named 'Empower 22' and one team was shortlisted to the final round. Students attend workshops organised by the Build Club and enhance their skills.

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

Today, it is essential for the students to learn the latest technologies in order to be corporate ready. When ICT is integrated into lessons, students become more engaged in their work. This is because technology provides different opportunities to make it more fun and enjoyable in terms of teaching the same things in different ways. 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 Institute:

There are 8 ICT enabled classroom and 12 smart classrooms available in ACGCET campus. The laboratories Seminar Halls, Auditorium and conference Room are well equipped with ICT facilities.

The library also provides access to computers and online journals freely available in public domain and also to journals subscribed on the advice of faculty and facilitates downloads.

Internet and Wi-Fi facility is made available to all over the Campus at free of charge to encourage learning.

Google classroom is used to manage and post course related information- learning material, quizzes, lab submissions and evaluations, assignments, etc.

**PowerPoint presentations-** Faculties are encouraged to use power-point presentations in their teaching by using LCD's and projectors.

**Video Conferencing-** Students are counseled with the help of Zoom / Google meet applications.

**Workshops-** Teachers use various ICT tools for conducting workshops on latest methods.

**Around 115 faculties are using ICT techniques to optimize the delivery of education.**

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://drive.google.com/drive/folders/1jDa7hVkzvBcSLTLKHNDXQcl654i_cke3?usp=sharing">https://drive.google.com/drive/folders/1jDa7hVkzvBcSLTLKHNDXQcl654i_cke3?usp=sharing</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

83

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

#### Academic Calendar and Teaching plans

**Academic Calendar** is prepared at the beginning of every Academic Year in the HODs meeting in consent with the Principal and Controller of Examinations and is circulated to all faculty and students. Academic Calendar provides the schedule of Academic Events of the institution for both Odd and Even Semesters in a year.

Academic Events Schedule includes the following academic information:

1. Commencement of Classes
2. Date of Collection of Exam fees
3. Internal Tests Schedule - Three Tests per semester
4. Date of Submission of Attendance Particulars to CoE
5. Date of Issue of Hall Tickets
6. Date of submission of Internal Marks
7. Date of Issue of Hall Ticket
8. Date of Commencement of Practical Examinations
9. Date of Commencement of Theory Examinations
10. Date of Reopening of Next Semester / Year

For each subject, three internal evaluation tests are conducted in each semester. Three Assignments are given in each semester.

Record of class work is maintained by the Faculty Members for each Subject. This record of Class Work is Verified by the Head of the Institution every Month. Course plan for each course is prepared by the faculty member at the beginning of each semester that is approved by the head of the department.

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

113

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

29

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)

1184

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 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

18

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	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

912

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

#### Examination Procedure ;

1. Before the beginning of academic year academic calendar of examination schedule is released with the approval of Academic Council.
2. In every semester, examination activities start with the student's registration.
3. Continuous assessment
4. Semester End Examination Process
5. The office of the Controller of Examinations has introduced "Transparency" in evaluation system. Hence, after the publication of results, the students will be allowed to cross check the valuation of their respective answer scripts in the presence of Faculty Advisor and Course Coordinator. If the Faculty Advisor and Course Coordinator recommend, the student can apply for revaluation within 2 weeks from the date of publication of results.
6. Revaluation of results will be published within 1 week after considering all such applications.
7. The grade sheet will be issued to all students within one month after the publication of revaluation results.
8. COE office maintains its own website [www.accet.co.in](http://www.accet.co.in) for the purpose of secured and authenticated communication to the stake holders. This website is also linked to the college website

#### IT integration:

All the fees collection are done online and the results are published in the website.

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

## 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

**Response: Yes.**

The defined mandatory Graduate Attributes (GAs) have been taken from the NBA guidelines. Based on the guidelines and inputs received from students, faculty members and alumni, the Program Advisory Committee (PAC) prepares the Program Outcomes (PO), Program Educational Objectives (PEO), Program Specific Outcomes (PSO). Later, these POs, PEOs and PSOs are put up in the Board of Studies (BOS) for approval.

Program Outcomes (PO), Program Educational Objectives (PEO), Program Specific Outcomes (PSO) and Course Outcomes (CO) for all courses are printed in Regulation/Curriculum/Syllabus book and the copies of the same are distributed among the faculties and students of concerned departments. Moreover, the above details are made available in the CoE website under corresponding departments. The PO, PEO and PSO are disseminated in classroom, seminar hall, notice boards and laboratories.

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://accet.ac.in/coe/coe_academic">https://accet.ac.in/coe/coe_academic</a>

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

The college evaluates the course learning outcomes in the following levels.

1.Course level: In this level, three series tests and assignments with overall weightage of 30% is used. It is ensured that the three series tests and assignments cover the entire course objectives of the particular subject.

2.End semester examination: End semester theory and practical examinations with weightage of 70% is used. It is ensured that the theory and practical examinations satisfy the course objectives of the particular subject.

3.The Program Outcomes (PO) and Program Specific Outcomes (PSO) are evaluated by a committee chaired by the Principal, Head of the department, senior faculty members, industry representative and stake holders. This committee collect data related to students learning. Based on this data, they determine whether the students have achieved the PO and PSO in all the subjects. Further, they analyse how to improve the student learning activity for the respective subject. This committee ensures that the students understand the objectives, outcomes and effectiveness of learning.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://drive.google.com/drive/folders/1I3bT-7cAIHng2IkF5u1FIV2JQtUpuFWH?usp=sharing">https://drive.google.com/drive/folders/1I3bT-7cAIHng2IkF5u1FIV2JQtUpuFWH?usp=sharing</a>

### 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

442

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	<a href="#">View File</a>
Paste link for the annual report	Nil

## 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://accet.ac.in/naac\\_feedback\\_document.pdf](https://accet.ac.in/naac_feedback_document.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

Alagappa Chettiar Government college of Engineering and Technology (ACGCET), Karaikudi is offering research through its six departments (Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Computer Science & Engineering and Science and Humanities). All these departments are recognized research centers of Anna University. All research scholars either pursuing through regular or part-time mode should be admitted through Anna University. Our institution encourages research through integrating the research with the academic program and enhances research facilities in the departments and establish center of excellence in emerging fields.

ACGCET is a recognized QIP Centre (Minor) from the academic year 2016-17. Three departments have been recognized (Civil Engineering, Mechanical Engineering and Electrical and Electronics Engineering) for the admission of regular Ph.D scholars with AICTE Scholarships. The main objective of QIP is providing opportunities to faculty members of the degree-level engineering institutions to improve their qualification by offering admissions to Master's and Ph.D. degree Programmes.



File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	No File Uploaded
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://accet.ac.in/naac">https://accet.ac.in/naac</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)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
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	No File Uploaded
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)

38.31860

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	<a href="#">View File</a>
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

30

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	<a href="https://www.aicte-india.org/">https://www.aicte-india.org/</a> , <a href="https://www.serbonline.in/SERB/">https://www.serbonline.in/SERB/</a>
Any additional information	<a href="#">View File</a>

### 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 established an Incubation centre to facilitate the students to develop new products within the campus. Necessary funding, guidance and technical supports are given to the students to enhance the research activity towards learning. THIRAN is one of the platforms to perform innovative projects funded by the ALUMNI Association of our Institution.

#### Objectives

1. To facilitate resources to do multi disciplinary research.
2. To create awareness about current trends, technologies and new innovations among engineering students.
3. Motivating graduates to collaborate with various organizations for funding as well as knowledge sharing.

Vision / Mission of Institution's Innovation Council (IIC) established at the Institute

**Vision:**

? To promote innovation in the institution through multitudinous modes and to build an innovation promotion eco-system.

**Mission:**

? Networking with all innovation related clubs/cells/associations in the institute.

? Conduct periodic workshops and contests related to I&E and IPR.

? Introduce I&E and IPR in curriculum

? Disseminate a culture of entrepreneurship activities in the campus

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://accet.ac.in/iic">https://accet.ac.in/iic</a>

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

7

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**

C. Any 2 of the above

**Research Ethics in the research 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	<a href="#">View File</a>
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**

89

File Description	Documents
URL to the research page on HEI website	<a href="https://accet.ac.in/research">https://accet.ac.in/research</a>
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**

83

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**

13

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

2454

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

56

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
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)

29.00574

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	<a href="#">View File</a>

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

0

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	No File Uploaded
List of facilities and staff available for undertaking consultancy	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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

Through extension activities such as NSS, students have become aware of numerous social issues. By organizing such programs, they have had the opportunity to cultivate their leadership qualities. Working in the field has helped students acquire a diverse range of skills, including ethical communication with local communities and stakeholders. Furthermore, students have utilized their scientific knowledge to devise technical solutions for various problems through extension activities. Participation in extension activities like NSS has exposed students to a wide range of social issues and helped them

become more socially aware. Through extension activity such as NCC, students are trained to follow a disciplined life. It's a Tri-Services Organization and engaged in grooming the youth in India to become patriotic citizens. NCC training offers many benefits to the trainees. After attending a minimum of 75% of NCC training, the students get a certificate from NCC according to their level. These certificates help the students in their career.

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

0

File Description	Documents
Number of awards for extension activities in during the year	<a href="#">View File</a>
e-copy of the award letters	No File Uploaded
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)

30

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

5086



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

### 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

265

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 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)

10

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	<a href="#">View File</a>

### 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.

Yes.

Physical / infrastructural facilities towards learning:

The campus covers 218 acres of land. All the departments have

separate self-contained built-up areas. All the engineering departments have their own seminar hall(s). Total area of class rooms is 3050 sq.m. Total area of drawing halls and seminar halls is 3156 sq.m. Total area of laboratories is 7754 sq.m. Total area of administrative block is 2626 sq.m. Total amenities area is 5955 sq.m. Total area of library is 1073 sq.m. It is automated with computerized library service. OPAC (Online Public Access Catalogue) allows access of catalogue of more than 63,082 books in 29,837 titles to be accessed from all departments through intranet. In addition to the books, library has 58 national journals, 63 international journals and 852 educational CD's.

There are 7 gents hostels and 6 ladies hostels that spread over 10056 sq.m. Apart from these, our institute has ATM, canteen, dispensary, post-office, Cooperative Store, and more. Our institution is a recognized research centre by the Anna University.

#### Computing facilities:

More than enough number of computers are available in the campus to meet the computing needs. Besides, the computer labs in all departments have softwares like MS Office, TOEFL, STAAD Pro V18, ETAP, SAP2000, AutoCAD, Pneumatics Robox, Atmel Studio, PSCAD, MATLAB, LabVIEW, dSPACE, HFSS, CST Microwave studio, OPTIWAVE, CADENCE, JAVA, Visual C++ MYSQL etc. Our college is facilitated with Wi-fi provisions with 40+40 internal and external access points. College campus is provided with 140 KVA generator power backup and LAN connectivity for nearly 320 nodes.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://accet.ac.in/centers-and-facilities">https://accet.ac.in/centers-and-facilities</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.)

The college encourages and offers facilities to the students to participate in outdoor and indoor games. The college campus has one badminton court, two ball badminton courts, one basketball

concrete court, one cricket pitch, one football ground, one hockey ground, three tennis courts, one table tennis court, two volleyball courts, one kho-kho court, one handball ground, a open stadium, a gym room with 21 stations, a newly constructed indoor stadium and a yoga meditation hall. The college has a separate tennis club which conducts summer coaching camps for students. Open ground is available in all hostels to facilitate the students to play during their leisure time.

Sports day is conducted annually and the students of all courses participate and show their talents in various sports and games. Budgetary provision is available to accommodate the expenditures related to the sports and games activities in the college. State level sports competitions are also conducted in this college and many students have participated and won medals.

During the even semester of every year, a colourful cultural function is conducted at the open-air theatre of the college to the students.

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://accet.ac.in/sports">https://accet.ac.in/sports</a>

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

53

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)

1271.16407

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	No File Uploaded

## 4.2 - Library as a Learning Resource

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

AutoLib- is a popular and advanced integrated Library automation management software, designed and developed by a team of Library & Information Science specialists, database designers, software developers and network specialists. AutoLib software was first installed in our college library on 29.06.2016. It is a fully integrated, versatile, user-friendly, cost-effective and multi-user Library automation software. This module allows to create and maintain database of digital library resources such as e-books, e-journals, audio/ video clippings, images, pictures, photos, animations, web resources, computer files, etc .It also allows users to search and retrieve data..Microsoft Technology,Java Technology,Open Source Technology are the technologies used .Easy to use /data entry made simple and also handles thousands of records more efficiently. Book ordering and serial control made simple in our library.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://autolib-india.net/autolib.php">http://autolib-india.net/autolib.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)

4,40,907

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
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

130

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

In each department, classrooms are equipped with computers, LCD projectors, and internet connectivity to enhance the teaching-learning process. Our college boasts a fully automated library containing an ample supply of books spanning all disciplines, including rare editions, manuscripts, special reports, and an extensive collection of e-journals and e-books. Learning resources such as e-journals, e-books, and databases like

Scopus and Web of Science are accessible to both faculty and students around the clock. Additionally, the college provides well-equipped seminar halls and virtual classrooms outfitted with LCD projectors, as well as fully equipped laboratories and computer labs to foster the development of students' technical skills. Faculty members are encouraged to create e-content for platforms such as MOOCs, NPTEL videos, EDUSAT, and DELNET. Moreover, students are incentivized to conceptualize and transform their ideas into applications and prototypes using the software available in the computer laboratories. These labs are stocked with a wide array of software, including but not limited to MS Office, TOEFL, STAAD Pro V8i, ETAP, SAP2000, AutoCAD, Pneumatics Robox, Atmel Studio, PSCAD, MATLAB, LabVIEW, dSPACE, HFSS, OPTIWAVE, CST Microwave Studio, CADENCE, JAVA, Visual C++, and MSSQL. To facilitate the preparation of teaching and learning materials, faculty members' cabins are equipped with internet-enabled computing facilities complete with printers. Faculty members are granted access to a Digital Library, enabling them to reach e-journals and NPTEL materials shared within the LAN, which can also be accessed 24x7 through Wi-Fi. The college ensures a satisfactory student-to-computer ratio while providing over 100 Mbps bandwidth for internet connectivity.

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

#### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1686	614

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

<b>4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus</b>	<b>A. 250 Mbps</b>
---	--------------------

File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
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	<a href="#">View File</a>
Paste link for additional information	<a href="https://drive.google.com/file/d/1S5bUH7mcQcnFttrYhXgrRGggEp7AlGav/view?usp=sharing">https://drive.google.com/file/d/1S5bUH7mcQcnFttrYhXgrRGggEp7AlGav/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)**

7.15881

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

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.

Yes. Our college has a dedicated Estate Office for maintaining the Cleanliness of buildings, class-rooms, Rest rooms, lawns and laboratories roads, water supply, security and other amenities and facilities. The construction and maintenance of buildings in the college and hostels are carried out by PWD Technical Education (civil wing). The electrical maintenance of

college buildings are carried out by PWD Technical Education (Electrical wing). The Estate office maintains the security of the campus properties using the security staffs and watchmen. The campus was well maintained by basic workers and also with the help of NSS student's volunteer's team. Drinking water facilities and rest rooms are provided in each building.

New tree plantations are also undertaken to make the campus green.

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

1234

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

33

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

#### 5.1.3 - The following Capacity Development and Skill Enhancement activities are

A. All of the above



**organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology**

File Description	Documents
Link to Institutional website	<a href="https://accet.ac.in/">https://accet.ac.in/</a>
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**

**3567**

File Description	Documents
Any additional information	<a href="#">View File</a>
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	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>
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

225

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

11

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

1

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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

30

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

Students are involved in various committees of the institution - like hostel committee, Differnetly abled welfare committee, Placement Advisory Committee, Extra-curricular and Co-curricular committees, IQAC, Internal Committee, Committee for SC/ST students, Students Grievance Redressal Committee

Each department has its association which organizes seminars, symposia, national and international conferences on technical topics. Muthamizh mandram-It intends to enhance and develop the Tamil language among the students. Pongal is celebrated in the college every year in a grand manner by this club. National Service Scheme (NSS) - We have 3 NSS units with 300 volunteers. Youth Red Cross (YRC) -It is providing relief in times of disasters, emergencies and promotes health care of the vulnerable peoples. National Cadet Corps - Students get trained with basic military activities. Leo club - sponsored by Lions Club of Karaikudi cosmos which inculcates leadership, experience and opportunity.

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

33

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	<a href="#">View File</a>

### 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

Alagappa Chettiar Government College of Engineering and Technology Old Boys Association - ACCETOBA was started as a society in the year 1972 and was registered on 02-09-1973 (Regd. Society No. 37 of 1972) with the office at Alagappa Chettiar Government College Engineering and Technology, Karaikudi. Any student graduating from Alagappa Chettiar Government College of Engineering and Technology is eligible to be a life member of the association by paying a one-time fee (Rs.1000/-). The association helps and supports the alumni batches to organize and celebrate their Silver Jubilee of graduation in the institution and from 2006 the Golden Jubilee batches are also celebrating their function every year in the campus.

The association gives cash awards to rank holders in the graduation day and best sportsmen every year during the sports day. The 1958 batch alumni have donated three lakh rupees from which an 8 gm Gold medal is given to the best outgoing Student every year from 2009. Alumni who are celebrating their Silver Jubilee, as a token of their gratitude to the institution, construct and donate hostel blocks, auditorium, computer

centre, sanitary facilities, RO water plant and generators. Soft skill training is given to the students of third year B.E. for the past 5 years by the 1987 batch alumni in order to enhance the employability of the students. Also the alumni are organizing campus placements, seminars, career guidance programs and help in arranging for internships and industrial visits to reputed industries.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://alumni.accetosa.org">https://alumni.accetosa.org</a>

**5.4.2 - Alumni's financial contribution during the year**

**A. ? 15 Lakhs**

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

## 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

The institution has qualified teachers and competent administrators at various levels to materialize its vision and mission.

The college is headed by the Principal supported by Vice-Principal, Heads of Departments, Controller of Examinations, Faculty members, Technical staff, Administrative staff, Supporting staff and sanitation workers. The leadership ensures the compliance of academic and administrative works through regular analysis, meetings and audits.

Departmental resources are updated by purchase of equipments, machinery and furniture with financial assistance from Government of Tamil Nadu and Alumni of the institution. Teaching faculty, Technical staff and students are undergone training through NPTEL and AICTE sponsored courses. Soft skills training course is mandatory for the third year students, funded and administered by the Alumni Association of ACGCET.

Also, sense of social responsibility and awareness are sown in the minds of the students through NSS, NCC, YRC, Rotract club, Leo club etc.

The academic and administrative activities are carried out with the proper planning of the Principal, Heads of Departments, PA to Principal and Bursar. The plans are implemented after the approval from the members of Board of Governors which is constituted by the Government of Tamilnadu as per the UGC guidelines. It is headed by an eminent industrialist. It meets at least once in six months or as and when required. The BOG nominees by the Government of Tamilnadu and the detailed minutes of 29th BOG meeting held in the year 2022-23 is uploaded herewith.

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

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

Our college has decentralized governance and it manages by roping in the entire faculty members in the distribution and deployment of power. The Principal is the head of the institution representing the Government and is provided with financial powers. Likewise, the Heads of the departments are delegated full academic autonomy and financial autonomy to the tune of Rs.5000

Various committees are formed with faculty and staff to monitor the progress and take necessary action for the completion of work. The committees available in the institution in the academic year 2022-23 are:

- 1.Board of Governors
- 2.Academic Council
- 3.Board of Studies
- 4.Grievances committee

## 5.Internal Complaint Committee

## 6.Anti-ragging committee

## 7.Committee for SC/ST

These committees meet when the situation warrants and submit their reports to the Principal.

Further, the Head of the institution is supported by HODs and members of committees in all academic and administrative functioning. Moreover, teachers especially faculty advisors are given freedom to take decisions in concurrence with the HODs/Chief faculty Advisors related to students plea for leave and other permissions. At the same time, major decisions with regard to students and other institutional academic and financial issues are taken by the Principal after discussions with the BOG, HODs and respective committees to solve the issues if any reported.

The minutes of the committee meetings held in the year 2022-23 is uploaded herewith.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://accet.ac.in/igac_strategic">https://accet.ac.in/igac_strategic</a>

## 6.2 - Strategy Development and Deployment

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

The strategic plan is focused on an organizational management activity that has been used to set priorities, focus energy and resources, strengthen operations to ensure that the employees and other stakeholders are working towards a common goal. Strategic plan has been used as an effective tool for guiding the day to day decisions towards the progress of the institution. It is also used for evaluating the changes in the approaches when heading forward through assistance from various

stakeholders, external agencies like NBA, NAAC, NPIU, NIRF, IIC & ARIIA.

Academic excellence is achieved using technology-based teaching learning process and by continuous faculty engagement with effective utilization of resources. Strong and flexible curriculum is provided by academic autonomy in order to promote creativity, problem solving and industry-oriented courses in line with OBE. Students are encouraged to earn at least 10% of their degree course credits through online platform (MOOC/NPTEL). Student's placement activities are promoted as it renders the students an opportunity to gain specific skills in their subject or industry of choice as well as the employability and entrepreneur skills required for real-life work. Outreach activities are aimed to strengthen relations with industry, to contribute directly to society and to spread awareness in the community about the important contributions of the institution.

The accomplishment of these plans is evident through participation in NIRF ranking, new R & D projects, increase in the number of students placed, etc.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://accet.ac.in/igac_strategic">https://accet.ac.in/igac_strategic</a>
Upload any additional information	<a href="#">View File</a>

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.

As per State Government G.O (MS) No. 314 dt. 13/09/2007 which states the composition and major functions of the Board of Governors, the institution has framed its own Board of Governors (BoG). Being an autonomous college, it has its own Academic Council which is responsible for formulating, regulating and maintaining the standards of teaching, research and examinations. Board of Studies (BoS) is primarily responsible for the curriculum design, delivery and assessment followed in each department. Principal is the member secretary of BOG who involves in implementing the devised strategic planning for the development of the institution and conducts



meetings periodically. The academic and administrative activities carried out by the institution will be reported to the BOG Members who are responsible for reviewing the progress and functioning of the institution and suggest the remedial measures wherever needed in accordance with good Governance. The controller of examinations is responsible for managing the examination process. Each department has its own head and they perform academic and administrative management of the department.

IQAC is also functioning in the college to develop a system for conscious, consistent & catalytic improvement in the overall performance.

Service rules and procedures are as defined by the Government of Tamil Nadu and recruitment is done through Teachers Recruitment Board. All Promotional policies are based on UGC 7th pay commission. Government Orders related to service rules, procedures, recruitment and promotional policies are available in TN government website.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://accet.ac.in/organisation">https://accet.ac.in/organisation</a>
Upload any additional information	No File Uploaded
Paste link for additional Information	<a href="http://www.tn.gov.in">www.tn.gov.in</a>

**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	<a href="#">View File</a>

### 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

#### Welfare Measures

##### Leave as per Tamil Nadu Government rules

- Casual leave - 12 days and Restricted holidays - 3 days
- Vacation - 70 Days (Winter vacation 28 days + Summer vacation 42 days)
- Maternity leave - 12 months
- Medical leave - Maximum 540 days for more than 20 years of service and minimum 90 days for 2-5 years of service
- Earned leave - 240 days
- On duty - 20 days per year excluding examination duties
- Compensation leave for group C and D govt. servants

##### Loan

- Housing loan
- Vehicle loan
- Festival advance
- Thrift Society in the Institution offers loans and RD to staff at reasonable interest rates.

##### Savings and Benefit Schemes

- General Provident Fund / Contributory Pension Scheme
- Family Benefit Fund
- Gratuity Pension Benefits
- Leave Travel Concession
- National Health Insurance scheme
- Lump sum amount for additional educational qualification  
- For Ph.D. - Rs.25,000/-

##### Other Benefits

- Library
- Free Internet Facility/ WiFi
- Canteen facility
- Bank ATM
- Residential quarters
- Gardening for walking way
- Purified drinking water

- Medical dispensary
- Playground for physical and mental fitness
- Ball badminton court, Basket ball court, Indoor stadium
- Post office
- Cooperative store
- Ramps for Physically challenged

#### Avenues for career development / progression

The institution supports the faculties to pursue their higher degree through part time mode. It encourages them to develop their communication, lingual, writing and quantitative excellences. The faculty members are permitted with on-duty to attend professional development programmes. The college supports them to apply for Major and Minor Research Projects. They are also encouraged to publish their research works in reputed national and international journals.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://cms.tn.gov.in/sites/default/files/acts/tngs_act_2016.pdf">https://cms.tn.gov.in/sites/default/files/acts/tngs_act_2016.pdf</a>

#### 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

4

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

7

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.)

49

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

Yes, both internal and external financial audits are conducted regularly in the institution. A full-time Bursar, Superintendent and Cashier are available to maintain the annual accounts and balance sheet of the institution.

The internal audit for the financial year 2022-23 was performed by the office of the Commissioner of Technical Education, Chennai. This audit team was comprised of the Superintendent & Assistant from 'X' section of DOTE office and two other Assistants working in the offices of Government Polytechnic Colleges in Tamil Nadu. This team carried out the auditing in our institution from 03.07.2023 to 07.07.2023. Then this audit was overviewed by the Financial Advisor & Chief Accounts Officer from DOTE office on 08.09.2023. The audit team verified all the documents related to the financial transactions and raised objections/queries on various issues in the institution.

No. of objections raised: 30

No. of objections dropped by FA&CAO while overviewing: 10

No. of objections dropped through letters from the Principal to DOTE office : 6

The external audit was conducted by the office of the Principal Accountant General (Audit-I), Tamil Nadu from 07.02.2023 to 16.02.2023.

In this audit, the accounts maintained in the Principal office of this institution were inspected. The audit was focused on verifying the implementation of schemes and budgetary control mechanism. The team verified all the relevant documents from the year 2017 to 2023 and raised objections on various issues.

No. of objections raised : 9

No. of objections dropped : 4

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)

118.33890

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

As per G.O Ms. No. 142 Higher education (J1) Department dated 31.05.2007 issued by the Government of Tamilnadu, four funds

viz,

1. Corpus fund
2. Staff development fund
3. Maintenance fund and
4. Depreciation Fund

have been established in the institution. The sources of these four funds are

1. matching or other grants of Governments
2. institutional share out of the Internal Revenue Generation (IRG)
3. savings of block grant and
4. accrued interest on block grant.

The mobilization of funds from IRG shared to the four funds are as detailed below:

IRG

Corpus Fund

Staff Development Fund

Maintenance Fund

Depreciation Fund

Testing

20%

40%

20%

20%

Consultancy

20%

40%

20%

20%

Tuition Fee & Library Fee

100%

-

-

-

Rent & Electricity Charges

20%

-

40%

40%

Certificate Verification

20%

-

40%

40%

Fine

20%

-

40%

40%

Bus Fare Collection

100%

-

-

-

Interest

100%

-

-

-

The utilization of these funds is that

(1) Corpus funds are used for capital nature of expenditure which are not covered through Government fund.

(2) Staff development funds are used for critical staff development activities not covered by government grant.

(3) Maintenance funds are meant for usual and regular maintenance of equipment and facilities of the institution.

(4) Depreciation funds are utilized for replacement of unserviceable equipments.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://www.tn.gov.in">www.tn.gov.in</a>

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 works towards the realization of goals for quality enhancement and enrichment. IQAC visualized most of the incremental improvements made with regard to quality during the preceding year. In the academic year 2022-23, IQAC conducted four meetings through online Google meet and recorded minutes of the meetings.

Government of Tamil Nadu proposed to conduct programmes in Government engineering colleges for teaching foreign languages such as French, German and Japanese for the benefit of UG Engineering students. IQAC recommended suitable faculty coordinators to conduct the Programme.

Government of Tamil Nadu also proposed to conduct training Programmes to provide training to the students in clearing GRE, TOFEL, GATE and CAT exams. IQAC recommended suitable faculty members as coordinators for effective implementation of the programme.

IQAC suggested conducting an awareness programme to explore "I-STEM Linking Researchers and Resources". Indian Science Technology and Engineering Facilities map is a national Web portal developed with the concept "One Nation One Portal" for the scientific community, aimed at "Linking Researchers and Resources".

The institution encourages especially Mechanical Engineering students to participate in "Formula Kart Design Challenge" to be conducted by the Fraternity of Mechanical and Automobile Engineers. IQAC suggested the HOD of Mechanical Engineering to appoint suitable faculty mentor and also to monitor the progress of the project carried out by the students.

In this way, IQAC has contributed significantly for institutionalizing and implementing many of the quality assurance strategies and processes in the institution.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://accet.ac.in/iqac">https://accet.ac.in/iqac</a>

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

Internal Academic Audits are conducted in each department once a year for both odd and even semesters which paves the way for authorization and augmentation of the quality assurance of each programme. The audits are conducted and evaluated as per ISO standards with specific format for all departments. The audit team appointed for each department verifies all the documents maintained in the department related to various academic activities such as curriculum and development, students aspect, Teaching-learning evaluation process, Research, innovation & extension and other aspects.

The academic audit for the year 2022-2023 was conducted in each department of the institution during the month of March 2024 and the audit reports are uploaded.

Thus the institution reviews its teaching-learning processes, structures and methodologies of operation and learning outcomes through its IQAC.

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

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

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://accet.ac.in/annual_reports">https://accet.ac.in/annual_reports</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

Two programs were conducted effectively and the female participants got motivated and explore their talents.

The first program was conducted to celebrate Women's Day on 8.3.2022 with the girl students of the college with many inspirational talks, speeches, and dance activities presided grandly by the chief guest and by students accordingly. Dr.V.Preetha, M.D. Government Hospital, Kanadukathan, Karaikudi, Dr.P.K.PALANI, Principal presided the function along with other teaching and nonteaching faculties and students.

The second program "Yathumanaval" was organized by Rotaract Club to empower Women on 21.07.2022 with the girl students, of the college with inspirational talk by the chief guest Jayantha Sri Balakrishnan and Kalaiselvi, Director CECRI, Karaikudi, Sivagangai District . Dr.P.K.PALANI, Principal presided the function along with other teaching and nonteaching faculties and students.

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

#### 7.1.2 - The Institution has facilities for alternate sources of energy and energy

B. Any 3 of the above

conservation: Solar energy  
plant Wheeling to the Grid  
energy conservation Use of LED bulbs/  
power-efficient equipment

Biogas

Sensor-based

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)

### 1. solid waste management

The solid waste in the campus is generated from various potential sources, such as Academic building, Hostels, Canteen, Garden etc. All the waste is managed by sweepers allotted for the different buildings in the campus. Separate dustbins are provided for collecting biodegradable and non-biodegradable waste. Dustbins are placed different locations in the campus. The incinerators are installed at ECE department and college hostels to dispose the sanitary napkins.

### 2. Liquid waste management

Liquid wastes generated in the laboratories Chemistry and Environmental Engineering are diluted with water and then discharged to the nearby trees, plants and gardens in the college premises.

### 3. E waste management

The e-waste management in the campus entails assessing, collecting, and responsibly disposing of outdated electronic equipment. It involves conducting audits to identify obsolete devices, implementing recycling initiatives, and ensuring compliance with environmental regulations. Collaboration with certified e-waste recyclers for proper dismantling and recycling is crucial. Additionally, promoting awareness among staff and students about the importance of electronic waste management and encouraging practices like donation or refurbish

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

<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>B. Any 3 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	No File Uploaded

<b>7.1.5 - Green campus initiatives include</b>	
<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>

File Description	Documents
Geotagged photos / videos of the facilities	<a href="#">View File</a>
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	
<p><b>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</b></p> <ol style="list-style-type: none"> <li><b>1. Green audit</b></li> <li><b>2. Energy audit</b></li> <li><b>3.Environment audit</b></li> <li><b>4.Clean and green campus recognitions/awards</b></li> <li><b>5.Beyond the campus environmental promotional activities</b></li> </ol>	<p><b>D. Any 1 of the above</b></p>
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	<a href="#">View File</a>
<p><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></p>	<p><b>D. Any 1of the above</b></p>

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).

The institution believes in equality of all cultures and traditions. Though the institution has different socio-cultural background and different linguistic, our institution undertakes various initiatives to bring tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities. Every year our institute celebrates Republic day and Independence Day on January 26 th and August 15 th respectively to inform the qualities of freedom fighters and to emphasize the duties and responsibilities of citizens. The institution encourages participation of students in Sports and Games, NCC and NSS at National level to strengthen nationwide bond and relation.

Our Institute act as TNEA facilitation centres: 1. Tamilnadu Engineering Admission (TNEA'23-I Year) Online Registration & Application Filling Certificate Verification Online Choice filling Provisional Allotment 2. Tamilnadu Lateral Entry Admission Online Registration & Application Filling Certificate Verification Online Choice filling Provisional Allotment Candidates from Sivagangai district used the facilities available in our TFC.

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 college curriculum for post graduate is framed with courses like Constitution of India, Value Education, Professional ethics for engineers and Stress management by yoga as a small step to inculcate constitutional obligations among the students.. Ant ragging committee was constituted in ACGCET to prevent ragging related issues inside and outside the campus. The college establishes policies that reflect core values. Code of conduct is prepared for students; everyone should obey the conduct rules. Faculties, Non- teaching Staff and Administrative staff should follow the conduct rules prescribed by the Tamil Nadu Government  
:https://www.tnpsc.gov.in/static\_pdf/departmental/tngovfr.pdf.

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**

**C. Any 2 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

November 19 - National Integration day is observed. On that day, the principal, faculties, students, technical personnel, and administrative staff gather in the rear of the main building to make a commitment to uphold and strengthen love and harmony in society.

May 21st - Anti-Terrorism Day. To make a vow against anti-terrorism, the principal, faculties, students, technical staff, and administrative staff gather at the back of the main building.

January 30th - the day of Mahatma Gandhi's assassination, people commemorate the martyred souls who gave their lives in the liberation movement to protect our nation's sovereignty. In order to express thanks to those souls, the principal, faculties, students, technical staff, and administrative staff gather at the back of the main building on this day. They give up their regular activities and observe quiet for two minutes at eleven o'clock.

October 2 - we commemorate Gandhi Jayanti, the birthday of our nation's father, Mahatma Gandhi. Worldwide, people commemorate this day as the International Day of Non-Violence. To honor and express gratitude, the principal, faculties, students, technical personnel, and administrative staff gather in front of the main building on this day.

Independence Day and Republic Day. Every year, the Principal, the Head of the Institution, hoists the national flag, after which the faculty, students, and NCC cadets pay their respects

to the flag.

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

**In-house Design and Development of IT Services for the Institute.**

### Objectives of the Practice

1. To involve students in real-time IT projects, fostering the development of higher-order cognitive abilities.
2. To bring out industry-ready students.

### The Context

The institute depends on third parties for its IT needs. This practice intends to involve computer science students to build IT services to practice it under a faculty mentor

### The Practice

A group of students from the Computer Science and Engineering department, along with a faculty mentor, is involved in the design, development, and maintenance of IT services-related projects for the institute as their final year projects. This enables experiential learning, allowing them to understand the intricacies of real-time projects.

### Evidence of Success

The students and faculty have successfully designed and

developed a bunch of real-time IT services. The institute's own website is created by our students. They have also built software for the Tamil Nadu Government's Lateral Entry Admission, which has seamlessly handled thousands of applications without a single snag

#### Problems Encountered and Resources Required

The students work with various programming languages, addressing both technical and non-technical issues. The faculty mentors closely monitor their progress and guide them in the appropriate direction to build products that meet industrial standards

The screenshots are available in <https://docs.google.com/document/u/1/d/1URGoVpAwNLtksicfrwGzdC6OCooZxCMF3UduHITbDKA/edit>

File Description	Documents
Best practices in the Institutional website	<a href="https://accet.ac.in/igac_practices">https://accet.ac.in/igac_practices</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)

1. Students of this institution are given value based education along with Industrial expertise. Most of the students are from rural background and therefore high technical knowledge is imparted to those socio-economically backward students at affordable cost with knowledge and skills.
2. Highly qualified instructors with a fair deal of expertise consistently use ICT tools to provide students excellent lectures that improve their higher order thinking skills. A mentor-mentee system is in place, and students can talk to the mentor about both their personal and academic issues.
3. Centre of Excellences - Mechanical Engineering, ECE - QMax, Antenna Testing - Revenue generation, research testing.
4. There are totally 10 functional MoUs in the institution.

Students are benefited by the services provided by the Industries.

5. The institution offers value-added and specialized courses under the "Naan Mudalvan Scheme," and those courses can be transferred for credit toward their curriculum, increasing the number of placements they can offer.
6. There are 5 Ventures/startups, 5 Pre-incubation & 7 Incubation units.
7. There are 11 Academic Courses that impart Innovation, Entrepreneurship and IPR skills for students.
8. Clubs - ISTE, SIH, NSS, NCC, YRC, UBA, Thiran, Xperz. Students improve their talents by these club activities.

File Description	Documents
Appropriate link in the institutional website	<a href="https://accet.ac.in/igac_distinctiveness">https://accet.ac.in/igac_distinctiveness</a>
Any other relevant information	No File Uploaded

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

1. Increase the involvement of Student participation in interdisciplinary projects which is co-ordinated by Build club.
2. Motivate the students to do projects based on the needs of the society.
3. Encourage the development of start-ups from the campus.
4. Guide the faculty to apply for more patents.
5. Provide ambient environment and infrastructure for the students to excel their activity in worldwide.
6. Provoke faculty members to publish their research work in the peer reviewed journal to emphasize their findings on worldwide.
7. Encourage students to present their finding in national and international workshop and conference and develop intellectual network among the students.
8. Plan to introduce industry based elective subjects in the curriculum to enhance the employability skill of the students to suit the industrial needs.
9. Encouraging faculty and students to apply for project funding under Unnat Bharat Abhiyan for the benefit of rural environment.
10. Organizing skill development programs under "Naan Mudhalvan" initiative of Government of Tamilnadu for third and final year B.E students.

11. Motivate the faculty members to submit the proposal to appropriate funding agencies like DST, SERB, AICTE, TNSCST, TANII, DRDO, ISRO etc for the development of research.
12. Motivating and ensuring the participation of the institution in NIRF ranking.