



# **YEARLY STATUS REPORT - 2021-2022**

Part A			
Data of the Institution			
1.Name of the Institution	AKSHAYA COLLEGE OF ENGINEERING AND TECHNOLOGY		
Name of the Head of the institution	Dr.K.Sivasankari		
Designation	Principal		
<ul> <li>Does the institution function from its own campus?</li> </ul>	Yes		
<ul> <li>Phone no./Alternate phone no.</li> </ul>	9750911298		
Mobile no	9894733043		
Registered e-mail	principal@acetcbe.edu.in		
Alternate e-mail	info@acetcbe.edu.in		
• Address	Kinathukadavu, Coimbatore, Tamilnadu, India - 642 109.		
• City/Town	Coimbatore		
• State/UT	Tamil Nadu		
• Pin Code	642109		
2.Institutional status			
Affiliated /Constituent	Affiliated		
Type of Institution	Co-education		
• Location	Rural		

Financial Status	Self-financing
Name of the Affiliating     University	Anna University
Name of the IQAC Coordinator	Dr.N.Mathankumar
Phone No.	9894156768
Alternate phone No.	9750910026
• Mobile	9381882310
IQAC e-mail address	info@acetcbe.edu.in
Alternate Email address	mathankumar@acetcbe.edu.in
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.acetcbe.edu.in/wp- content/uploads/2023/07/SELF-STUDY-REPORT- SSR.pdf
4. Whether Academic Calendar prepared during the year?	Yes
<ul> <li>if yes, whether it is uploaded in the Institutional website Web link:</li> </ul>	https://www.acetcbe.edu.in/academics/academic- calendar/
5.Accreditation Details	

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.65	2022	03/05/2022	02/05/2027

### 6.Date of Establishment of IQAC 02/07/2015

# 7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	Nil	Nil	Nil	Nil

8. Whether composition of IQAC as per latest NAAC guidelines	Yes
Upload latest notification of formation of IQAC	View File
9.No. of IQAC meetings held during the year	2
Were the minutes of IQAC meeting(s) and compliance to	Yes

the decisions have been uploaded on the institutional website?	
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

- Process of Improved Online Teaching and Learning Google Classroom offers a platform for online education. It greatly facilitates communication with online students by assisting various educators in conceptualising the various courses, course structures, and curriculum. The educational material aids in digitising records. It is used in the teaching and learning process and is maintained.
- Strengthening of Teamwork The staff members are provided plenty of tools and resources to make sound decisions. The employees are encouraged to engage in decision-making to produce a more effective, responsive, and accountable institution. The employees are given complete freedom to make the best decisions and work on them. Teamwork improves an individual's and an institution's ability to accomplish goals.
- Flexibility to all activities A transparent workplace environment allows employees to feel at ease at work and to participate more enthusiastically in all tasks. A transparent institution enables the institution to boost productivity. A transparent workplace culture encourages employees to put their all into their work and to have faith in their superiors. It also helps the institution maintain staff stability. Employees are also encouraged to be creative and original in all of their endeavours thanks to a transparent workplace culture.
- Concentrate on the intended Goal The employees support the workplace goals with the institution's mission. The personnel identify precise and calculable improvements they can make to processes. The employees can speak openly with their supervisors, which will help them achieve their goals. Aligning with how the personnel want to do their tasks and develop their talents. Setting challenging goals encourages employees to work harder and achieve better by sharpening their focus and assisting them in setting priorities.
- Setting benchmarks for excellence in academics and administration; defining and upholding academic standards; the standard of students' learning opportunities; progress in quality enrichment; and acceptance of the significance of quality enrichment. High-quality teaching and learning are promoted and improved to the fullest extent possible for student achievement.

## 12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes		
Academic Audit	AAA Audit was conducted		
To conduct teaching and Learning process with continues improvement	Online classes have taken place and IQAC ensures through GCR		

To increases the Social responsibility among the students	Helping the needy in Covid
To enhance the quality of Teachers	Webinars and online FDPs were attended
Participation in NIRF Submitted for NIRF and participate process	
Plan to introduce new UG courses	New Courses Aritificial Intelligence and Data Science, Computer Science and Business Systems are approved from 2022 - 2023

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

Yes

Name of the statutory body

Name	Date of meeting(s)
Governing Council	30/12/2022

#### 14. Whether institutional data submitted to AISHE

Year	Date of Submission
2021 - 2022	20/01/2023

### 15. Multidisciplinary / interdisciplinary

The institution, which has affiliation to Anna University, grants degrees in M.E. and B.E. Each semester's academic schedule is created by the institution, and teachers are assigned to courses depending on their areas of interest and specialisation. The Choice Based Credit System (CBCS) pattern, which has specified credits, is used in all of the programmes. The classes are divided into professional electives, open elective courses, engineering sciences, basic sciences, humanities and social sciences, and employability improvement courses. In order to support an interdisciplinary approach and to fulfil the expanding demands of the worldwide market, value-added courses, certificate courses, workshops, seminars, and workshops are also organised.

Every curriculum offers an open elective course where students can select a course from a variety of streams to gain exposure to multidisciplinary education. Being an affiliated institution, the institution abides by Anna University regulations regarding the entry-level requirements for programmes and their duration, including the incorporation of miniprojects, projects, field trips, in-plant training, and internships for experiential learning.

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

The Akshaya College of Engineering and Technology adheres to the rules set out by the affiliated university. The institution won't be allowed to use the Academic and bank of Credits (ABC) system because it is an affiliated institution.

### 17. Skill development:

According to AICTE's recommendations, the curriculum is set up to improve students' professional skill qualities. Professional skills classes were

introduced to correspond with the graduate attributes listed by the NBA. Students are encouraged to participate in a 2 week, 4 week, or 8 week internship or skill development programme to learn about the many business practises used in industry. Additionally, departments offer skill development training programmes to help students build practical skills. The IIC helps students in developing the confidence necessary to turn their ideas into models that will be profitable. Students receive assistance from mentors and faculty members as they complete prototype models and commercially viable products. Additionally, the Outcome Based Education (OBE) approach is used in the curriculum and syllabi to successfully meet industry requirements while addressing the issues of growing fields.

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

As an affiliated college, our Institution adheres to the university's guidelines. According to university standards, the College uses the English language as its primary teaching language. The students come from different states as well as rural areas of Tamil Nadu. Since its founding, the college has worked to promote the traditions and culture of nations other than Tamilnadu. The college has encouraged the students to attend the activities and lend a hand. Teachers are also expected to use the bilingual method of instruction while taking the students socioeconomic, cultural, and linguistic backgrounds into account. It is also discovered that the bilingual manner of delivery has improved the pupils' receptive skills. Since the majority of our students come from rural areas, nearly all of our programmes advocate the use of multilingual instruction to help students understand the subjects being taught.

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

Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs) are the main focuses of the college's curriculum and teaching-learning process. Students are informed of the programme outcomes and program-specific outcomes through orientation programmes, class plans, and the institution's website. At the start of the course, the students are informed of the course objectives by the appropriate lecturers. Through internal and external examinations, seminars, and projects, these results are assessed. The student's transition to higher studies and placements mostly reflects the program's outcomes. The IQAC, Department, and class committee meetings keep track of these outcomes level of achievement at various levels.

#### 20. Distance education/online education:

The College has integrated Google Class Room's learning management system into all of its programmes to ensure that not only are our students given a fully online teaching-learning environment, but also that faculty members are delivering all of their courses to students from outside the institution in a fully online format. The college uses a blended approach to its teaching-learning process, where ongoing evaluation and monitoring are carried out to make sure that faculty may make prompt interventions so that students can recognise and address their inadequacies in a timely manner. The group is conducting the full teaching-learning procedure online.

### **Extended Profile**

1.Programme			
1.1			8
Number of courses offered by the institution across all programs during the year			O
File Description Documents			
Data Template	<u>\</u>	<u>'iew File</u>	
2.Student			
2.1			645
Number of students during the year			
File Description		Documents	
Institutional Data in Prescribed Format		<u>View Fi</u>	<u>le</u>
2.2			
Number of seats earmarked for reserved category as per the year	GOI/ State Govt.	rule during	306
File Description Documents			
Data Template <u>View File</u>			
2.3			126
Number of outgoing/ final year students during the year			126
File Description	Documents		
Data Template <u>View File</u>			
3.Academic			
3.1			73
Number of full time teachers during the year			, 3
File Description	Documents		
Data Template <u>View File</u>			
3.2			
Number of sanctioned posts during the year			73
File Description	Documents		
Data Template <u>View File</u>			
4.Institution			
4.1			47
Total number of Classrooms and Seminar halls			± /
4.2		231.42	
Total expenditure excluding salary during the year (INR in lakhs)			231.42

Total number of computers on campus for academic purposes

#### Part B

### **CURRICULAR ASPECTS**

#### 1.1 - Curricular Planning and Implementation

## 1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Action plan process for effective curriculum delivery are implemented

- 1. As an affiliated institution, the curriculum and syllabus prescribed by Anna University are meticulously followed.
- 2. The course coordinator will prepare the lesson plan consisting of topics covered, time allotted for the topics, text and reference books, e-learning resources, course outcomes and their mapping with programme outcomes & programme specific outcomes. The lesson plan is approved by the head of the department and Principal and disseminated to the students in advance.
- 3. Academic calendar is prepared as per the Anna University academic schedule. The requirements at the department level such as class work, workshop, seminar/symposium, guest lecture, continuous internal assessment and end semester examination are issued to the members of faculty and students.
- 4. In order to effectively translate the curriculum and to improve teaching-learning process, every classroom is equipped with ICT facility like LCD projector, well-equipped laboratories, Wi-Fi in the campus, a well- organized library and on-line technical resource like NPTEL.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Link for Additional information	Nil

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

The Academic Calendar is prepared according to the Anna University Academic Schedule prior to the commencement of the academic year. The academic calendar prepared by the institution incorporates value added programme, workshop/seminar/symposium, project display, dates of CIA and commencement of end semester examination in addition to the basic details like the prescribed contact hours and tutorial hours for each subject, remedial classes,co-curricular and extra- curricular activities. The institution completes the curricular activities within the planned time frame and as per calendar. The last working day of semester and University exam dates are announced by Anna University.

The work done by the members of faculty will be in accordance with the academic calendar. The members of faculty strictly follow the academic calendar of the institution to ensure effective academic programme implementation including conduct of CIA. The deviation, if any, due to unavoidable reasons, will be notified by the principal. The control and

monitoring of academic programme implementation as per academic calendar are done by the concerned HoD, academic audit committee and Principal.

All Internal Examinations like Class tests and continuous internal assessments are conducted to check whether the students have acquired knowledge. Tutorials are held regularly to monitor the progress of the students.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.

Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

C. Any 2 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<u>View</u> File
Any additional information	<u>View</u> File

### 1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

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

8

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

### 1.2.2 - Number of Add on /Certificate programs offered during the year

# 1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

File Description	Documents
Any additional information	<u>View File</u>
Brochure or any other document relating to Add on /Certificate programs	<u>View File</u>

List of Add on /Certificate programs (Data Template )	<u>View File</u>
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# 1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

443

File Description	Documents
Any additional information	<u>View File</u>
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

#### 1.3 - Curriculum Enrichment

### 1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The Cross cutting issues like Gender, Climate Change, Professional Ethics, Human values, Environment and sustainability are applied positively with due credits into the curriculum. All the BE degree programmes are assigned with courses such as Environmental Science and Engineering, Professional Ethics in Engineering, Disaster Management, Principles of Management, Total Quality Management, Industrial Waste Management, Waste Water Management, Professional Communication Laboratory etc...depending upon the nature of the programme.

The cross cutting issues relevant to the above aspects are integrated into the curriculum and they hold approximately 7% of the total credits applicable to B.E programme. Further, the following measures taken up by the institution help in supporting the integration of cross cutting issues into the curriculum.

Gender issues are addressed with the following measures:

- Separate hostel for women in the campus.
- Girls' common room in the campus.
- A Women student counselor to counsel the students.
- Legal awareness sessions.
- A Women physical director to guide girls' and boys' sports team.

Representation to women in all committees.

File Description	Documents
Any additional information	<u>View</u> File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<u>View</u> <u>File</u>

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

File Description	Documents
Any additional information	<u>View File</u>
Programme / Curriculum/ Syllabus of the courses	<u>View File</u>
Minutes of the Boards of Studies/ Academic Council meetings with approvals	No File

for these courses	Uploaded
MoU's with relevant organizations for these courses, if any	<u>View File</u>
Institutional Data in Prescribed Format	<u>View File</u>

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

205

File Description	Documents
Any additional information	<u>View</u> <u>File</u>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<u>View</u> File

### 1.4 - Feedback System

# 1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://www.acetcbe.edu.in/human- resources/feedback/
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<u>View File</u>
Any additional information	<u>View File</u>

# 1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	<u>View File</u>
URL for feedback report	<pre>https://www.acetcbe.edu.in/human-     resources/feedback/</pre>

### **TEACHING-LEARNING AND EVALUATION**

### 2.1 - Student Enrollment and Profile

### 2.1.1 - Enrolment Number Number of students admitted during the year

### 2.1.1.1 - Number of students admitted during the year

File Description	Documents
Any additional information	<u>View File</u>
Institutional data in prescribed format	<u>View File</u>

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

### 2.1.2.1 - Number of actual students admitted from the reserved categories during the year

249

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

#### 2.2 - Catering to Student Diversity

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

At the entry level, Students are counseled and guided by the faculty to bridge the gap between school and collegiate education and constantly motivated to improve their academic performance and develop skills for employment. The advance learners and slow learners are mapped in a class after evaluation of continuous internal assessment.

The Advance Learners are encouraged to attend symposiums and workshops on and off the campus and also help them to use audio visual aids like Power point, charts, models etc., for effective presentation. Special Projects/NPTEL on-line courses are offered based on their interest.. The Advance Learners are also entrusted with the assistance to course coordinator for the tutorial classes and participation in seminar and Technical quiz programmes.

Whereas, the slow learners are given preferential coaching in the courses where they have difficulty in problem solving. The preferential coaching involves remedial classes, participative learning through conduct of tutorials, assignments and class tests. Tutorial system is in place to address the gap and to understand the curriculum in a better way. Special coaching for arrear subjects is also arranged.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<u>View File</u>

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

Number of Students	Number of Teachers
645	73

File Description	Documents
Any additional information	<u>View File</u>

### 2.3 - Teaching- Learning Process

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

The curriculum designed by Anna University cannot be modified at the institutional level as the college is affiliated to the university and a

non-autonomous one. However, the enrichment of the curriculum by means of an outcome based teaching-learning process combined with student centric learning initiatives enable the students to acquire the qualities needed for employment in this highly competitive industrial environment.

Value added courses are offered to the students based on the above requirements to overcome the deficiencies and make them employable. All the classrooms and laboratories are equipped with LCD projectors and computers to enable the students to visualize the concepts being taught thereby enhance their learning experience. The student centric Participative learning methods practiced in regular class work at the institution includes technical quiz, seminar, workshop and group discussion. The Experiential learning method includes industrial visit, guest lecture, in-plant training, Mini/Major project work and internship. Problem solving strategies are promoted in tutorial sessions for all analytical courses .The students are also trained in aptitude, logical reasoning and comprehension through Value Added programmes.

File Description	Documents
Upload any additional information	<u>View File</u>
Link for additional information	Nil

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

The Institute is strongly committed to incorporate innovative teaching-learning methodologies to facilitate effective learning. Utmost care is taken by the faculty members to ensure effective teaching learning process in Classrooms and Laboratories by using various IT- enabled tools that are in practice. In all classrooms, projectors are installed and the campus is Wi-fi enabled. This allows faculty to make use of Videos NPTEL /Animations for effective content delivery. This facilitates students to learn and revise concepts at their own pace off the campus. Lecture notes, power point presentations, assignments, question banks etc. prepared by the faculty are uploaded in Google classrooms. The learning management system is facilitated via Google classrooms for effective teaching learning exercise. The informative charts /models displayed in the Campus and the laboratories stimulate creativity amongst the students.

ICT (Information and communication tools) helps in student and faculty interaction. This platform helps the student to communicate with faculty about the subject content, course materials, etc. Several ICT based learning tools are adopted such as,

LCD Projectors, E-learning- Google classrooms, Digital Library

Online Tutorial Classes, NPTEL Videos, Power Point Presentations, Webinars

File Description	Documents
Upload any additional information	<u>View</u> <u>File</u>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<u>View</u> <u>File</u>

# 2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )

#### 2.3.3.1 - Number of mentors

47

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

### 2.4 - Teacher Profile and Quality

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

73

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<u>View File</u>
Any additional information	<u>View File</u>
List of the faculty members authenticated by the Head of HEI	<u>View File</u>

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

13

File Description	Documents
Any additional information	<u>View</u> File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	<u>View</u> <u>File</u>

# 2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

### 2.4.3.1 - Total experience of full-time teachers

418

File Description	Documents
Any additional information	<u>View</u> <u>File</u>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<u>View</u> <u>File</u>

#### 2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The institution adheres to the guidelines prescribed by Anna University regarding mechanism of continuous internal assessment.

#### 2017 regulation

Three tests each carrying 100 marks are conducted during the semester by the College exam cell. The total marks obtained in all tests are put together out of 300 and proportionately reduced for 20 marks (rounded to the nearest integer). In case of practical courses, the maximum marks for Internal Assessment is 20.

#### 2021 regulation

For all theory courses, the continuous internal assessment will carry 40 marks while the End

Semester University examination will carry 60 marks. Two internal assessment will be

conducted and the total marks obtained in all tests are put together out of 200 and

proportionately reduced for 40 marks (rounded to the nearest integer) for calculating internal

marks. For all theory courses with laboratory component, the continuous internal assessment

will carry 50 marks while the End Semester University examination will carry 50 marks

For all laboratory courses, the continuous internal assessment will carry 60 marks while the End Semester University examination will carry 40 marks.

File Description	Documents
Any additional information	<u>View File</u>
Link for additional information	Nil

### 2.5.2 - Mechanism to deal with internal examination related grievances is transparent, timebound and efficient

The mechanism to deal with internal examination related grievance of students is fundamentally programme specific. However, the appeal on the outcome, if any, is institution specific.

The grievance of students, if any towards external examinations are referred to Anna University by the principal with appropriate recommendations for redressal. The university considers the recommendation and issues written order to the institution redressing the grievance of the students.

Generally, the redressal related to internal examination grievances are addressed to the satisfaction of the concerned students at this level itself. However, in case of non-redressal of grievance for the reasons best known to the course coordinator /instructor, the concerned student appeals to the program coordinator (HoD). The programme coordinator adjudicates and the grievance, if any, is redressed.

The institution follows an internal evaluation system which is a transparent and robust one and therefore the redressal of the grievances of students are normally cleared at the department level itself. The

redressal is a time-bound one, as the decision has to be taken within a week of completion of internal examinations.

File Description	Documents
Any additional information	<u>View File</u>
Link for additional information	Nil

### 2.6 - Student Performance and Learning Outcomes

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

The institution focuses on an effective teaching-learning process based on outcome based education.

Course outcomes are measured by the course coordinator/instructor during the course period and at the end of semester examination. POs and PSOs are measured at the end of final year of study. Further, Program Educational Objectives (PEOs) are defined/redefined for each programme and measured after three to four years of graduation. For each course, course coordinator/instructor explains the course outcomes to the students at the beginning of the semester along with the syllabus. The course plan containing these details are given to the students in the first class through google classroom/print mode. COs, POs, PSOs and PEOs are discussed in the class. All COs are effectively communicated to the respective students by the Course coordinator/Instructor during the process of pre-analysis survey for each course at the beginning of the semester. Further, the stated vision-mission, course outcomes for all courses, POs, PSOs and PEOs are furnished in the institute website.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	<u>View File</u>

### 2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The level of attainment of Course Outcomes (COs), Program Outcomes (POs) and Program Specific Outcomes (PSOs) are measurable. The methods adapted to measure these outcomes are summative (direct assessment) as well as formative (indirect assessment).

The Summative assessment strategies include Continuous Internal Assessments (Internal tests) and end semester examination. The internal tests are conducted at the programme level in the institution and the end semester examination by the university for all courses and project work. The objective of this assessment is to measure the attainment of learning outcomes namely COs and POs. The attainments of POs are then mapped with PSOs.

The formative assessment strategies include quiz during class hours, assignments, group discussion/ viva- voce, industrial visits, workshops/seminars and surveys. The objective of this assessment is to monitor students learning regarding skill enhancement and to provide feedback to course coordinator/instructor regarding his/her teaching so as to take corrective measures, if needed.

CO and PO attainment are calculated by giving 80 percentage weightage for direct Assessment and 20 percentage for Indirect Assessment. CO attainment is calculated for every course end and PO attainment at the end of the Program.

File Description	Documents	
Upload any additional information	<u>View File</u>	
Paste link for Additional information	Nil	

### 2.6.3 - Pass percentage of Students during the year

# 2.6.3.1 - Total number of final year students who passed the university examination during the year

115

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<u>View</u> File
Upload any additional information	<u>View</u> File
Paste link for the annual report	

### 2.7 - Student Satisfaction Survey

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

https://www.acetcbe.edu.in/naac/iqac/

### RESEARCH, INNOVATIONS AND EXTENSION

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

413779

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

### 3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

#### 3.1.2.1 - Number of teachers recognized as research guides

File Description	Documents
Any additional information	<u>View File</u>
Institutional data in prescribed format	<u>View File</u>

- 3.1.3 Number of departments having Research projects funded by government and non government agencies during the year
- 3.1.3.1 Number of departments having Research projects funded by government and non-government agencies during the year

1

File Description	Documents	
List of research projects and funding details (Data Template)	<u>View File</u>	
Any additional information	<u>View File</u>	
Supporting document from Funding Agency	<u>View File</u>	
Paste link to funding agency website	https://techclustron.com/	

### 3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institution has created an ecosystem for innovations and has taken initiatives for creation and transfer of knowledge through 'Industrial Empowerment Cell' and 'Entrepreneurship Development Centre'. IEC is a forum for students and members of faculty for a collaborative development process to build on the industrial environment. The objective of this cell is to empower the students to create truly transformational technologies through student projects and connectivity with local industries.

IEC uses a variety of training programs to raise understanding of industry requirements and skill enhancement, and it encourages students to work on creative projects that demonstrate their fundamental competencies to both business and the institution. The number of patents filed through the cell is recognition by the industry and/or institution with cash awards and/or certificates.

EDC is established in the institution to stimulate Innovation and Entrepreneurship among the students. This cell, after one year of its establishment, has been renamed as Innovation and Entrepreneurship Development Centre. IEDC focusses on promotion of Industry institute linkage and Research and Development mind-set .The evidence of success of IEDC is seen from the moderate receipt of funds from Government and Non-Government organisations for conducting the activities of the centre.

File Description	Documents	
Upload any additional information	<u>View File</u>	
Paste link for additional information	Nil	

- 3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year
- 3.2.2.1 Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

File Description	Documents
Report of the event	<u>View File</u>

Any additional information	<u>View File</u>
List of workshops/seminars during last 5 years (Data Template)	<u>View File</u>

- 3.3 Research Publications and Awards
- 3.3.1 Number of Ph.Ds registered per eligible teacher during the year
- 3.3.1.1 How many Ph.Ds registered per eligible teacher within the year

1

File Description	Documents
URL to the research page on HEI website	https://www.acetcbe.edu.in/academics/research/research- supervisor-details/
List of PhD scholars and their details like name of the guide, title of thesis, year of award etc (Data Template)	<u>View File</u>
Any additional information	<u>View File</u>

- 3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the year
- 3.3.2.1 Number of research papers in the Journals notified on UGC website during the year

35

File Description	Documents
Any additional information	<u>View</u> <u>File</u>
List of research papers by title, author, department, name and year of publication (Data Template)	<u>View</u> <u>File</u>

- 3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year
- 3.3.3.1 Total number of books and chapters in edited volumes/books published and papers in national/international conference proceedings year wise during year

5

File Description	Documents
Any additional information	<u>View File</u>
List books and chapters edited volumes/ books published (Data Template)	<u>View File</u>

#### 3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The institution motivates the student's participation in social outreach to achieve its goal of providing technical education so as to develop an equitable society with ethical and human values. The well-being of

neighborhood and campus community connection are driven by a number of activities towards community development. The organization and involvement of students in activities related to National Social Service (NSS), Youth Red Cross (YRC), Rotract club.

The activities carried out at our institution by various service units, clubs and cells. Further, extension activities help the students to develop technical skill, interpersonal skills, communication skills, leadership quality, team-work, entrepreneurial and managerial skill. The students are able to analyse real life problems of the society critically so as to do the needful for building attitude of love and concern, develop human approach and be sensitive to the needs of the underprivileged sections of society.

The extension activities are mainly funded by the institution and to some extent by Government source wherever applicable. However, it is a challenge to integrate extension activities into engineering curriculum delivery due to the time constraint and examination schedule.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<u>View File</u>

- 3.4.2 Number of awards and recognitions received for extension activities from government / government recognized bodies during the year
- 3.4.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

6

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	<u>View File</u>
e-copy of the award letters	<u>View File</u>

- 3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year
- 3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

12

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

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

1097

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

### 3.5 - Collaboration

- 3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/internship during the year
- 3.5.1.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

46

File Description	Documents
e-copies of related Document	<u>View File</u>
Any additional information	<u>View File</u>
Details of Collaborative activities with institutions/industries for research, Faculty	View File

- 3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year
- 3.5.2.1 Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

3

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

#### INFRASTRUCTURE AND LEARNING RESOURCES

#### 4.1 - Physical Facilities

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

The institute is housed in a campus area of 15.27 acres. The built-up area of the institute is 42,590 sq.m. including boys' and girls' hostels. Separate hygienic hostels for boys and girls are available within the campus. A fleet of 10 buses cater for the transportation of day scholar students and staff. The students and staff utilise gym, indoor and outdoor sports and games infrastructure for their physical well-being.

The infrastructure and physical facilities are provided to aid teaching-learning and contribute for the holistic development of the students. The institution has spacious, well ventilated and furnished class rooms, tutorial rooms, drawing halls, well equipped laboratories, seminar halls, conference rooms etc... to facilitate the students with a better learning experience. There are 34 classrooms, 08 tutorial rooms, 02 drawing halls, 05 department seminar halls, 2 conference room, 31 core laboratories, 02 workshops, 01 computer centre, 15 computer laboratories and 01auditorium to meet the requirements for all the programmes. All the classrooms, seminar halls, 15 computer laboratories, and 01 conference room are equipped with LCD projectors. Green ceramic boards are provided in all the class rooms and tutorial rooms.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	Nil

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

The auditorium is used for conducting cultural activities, annual day events, pre-placement talk for common placement program, yoga etc... where the number of participants are more than 500 and it has a seating capacity of 2000. A fine arts club in the institution is involved in organizing cultural activities. There are Conference Hall and Common Seminar Hall which can hold a seating capacity of 250 each. The seminar halls are used not only to conduct co-curricular activities i.e. guest lecture, symposium, seminar, workshop, conference etc..., they are also used for conducting NSS, YRC and skill development programmes. Students utilize indoor and outdoor games facility during evening on working days and during morning and evening on holidays. They utilize Gym on both morning and evening time. The facilities provided for the conduct of co-curricular and extra-curricular activities are adequate and satisfy the stakeholders.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	Nil

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

47

File Description	Documents
Upload any additional information	<u>View</u> File
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<u>View</u> File

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

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

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

### 4.2 - Library as a Learning Resource

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

The central library is a basic learning resource housed in an area of 720 sq.m with seating capacity of 170. The library works from 8.30 AM to 6.30 PM on all working days and from 9 AM to 1 PM on holidays. The library has 20825 books. It subscribes to 54 National and 18 International Journals. DELNET and DELNET-IESTC on-line subscription are made to utilise the e-journals for all the programmes. 591 Back volumes of journals are available for reference. 1423 CDs and DVDs are also available in various subjects.

Library automation is facilitated by the installation of Multi User Library Software-MODERNLIB. The library users can search the entire database to find a book based on different criteria such as Author, Title, Publisher etc....using the OPAC module. Circulation module has books issue, return, renewal and reserve options. It also facilitate reports on these aspects. Library resource abstract is also generated through this module making cumbersome library work simplified, effective and time saving one.

Sakthi Technologies, Chennai has supplied the software. The supplier provides online and offline support for any problem that may arise in using the software, proper backup and maintenance of software.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for Additional Information	Nil

# 4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	<u>View</u> File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<u>View</u> <u>File</u>

# 4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

# 4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

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

# 4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

#### 4.2.4.1 - Number of teachers and students using library per day over last one year

40

File Description	Documents
Any additional information	<u>View File</u>
Details of library usage by teachers and students	<u>View File</u>

#### 4.3 - IT Infrastructure

### 4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The institute has a 24X7 Wi-Fi facility in the college campus for the student and faculty members to avail internet connection in the college & hostel. The college is supported by Wireless connectivity (Wi-Fi) of 100 Mbps and has strong backbone of 28 access point links throughout the campus which covers every blocks of the campus including hostels (boys/girls). To protect network routing and to prevent illegal access firewall is used. Now it has been upgraded to cyber roam Sophos Firewall. The college has a well-developed system for providing IT facilities to the users. Some of the facilities are as follows:

- It has 696 desktop computers with system configuration, 67 LCD projectors and 66 printers. All the departments are provided with minimum 2 to maximum 4 individual systems (Desktop) with internet facility.
- The corridors, staff areas, hostels have CCTV systems in place for complete security.
- All the computers in the building are connected in LAN and provided with the internet facility.
- The connection to all the users is secured with the user name and password.

The feedback from members of alumni and exit survey are taken into consideration for improvement of IT facility in the campus.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	Nil

#### 4.3.2 - Number of Computers

File Description	Documents
Upload any additional information	<u>View File</u>

List of Computers	<u>View File</u>

### 4.3.3 - Bandwidth of internet connection in the Institution

 $A. \geq 50 MBPS$ 

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

### 4.4 - Maintenance of Campus Infrastructure

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

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

#### 62.16

File Description	Documents
Upload any additional information	<u>View File</u>
Audited statements of accounts	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The institution receives fund for the maintenance of physical, academic and support facilities based on budget allocation and expenditure details pertaining to the previous financial year. The systems followed in the institute for maintenance of physical, academic and support facilities are generally scheduled under preventive maintenance. The procedures for preventive maintenance depends upon the type of facility and the frequency of maintenance work. Preventive maintenance schedule is a routine maintenance work carried out on a Daily basis, Weekly basis, Monthly basis, Half-yearly and an Annual one.

The usage of all the facilities namely physical, academic and support facilities is planned to provide maximum utilisation. Class rooms, tutorial rooms and seminar hall are allotted to the concerned departments for effective academic management. Laboratories are maintained by the concerned department and an utilisation chart is prepared for each laboratory. The computer centres and the computer laboratories are maintained by the system administrator and the concerned staff but the laboratory utilisation is planned by the Head of the departments.

A Campus maintenance committee appointed by the principal oversees the maintenance and utilisation of physical, academic and support facilities and also maintains the relevant records.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	Nil

### STUDENT SUPPORT AND PROGRESSION

- 5.1 Student Support
- 5.1.1 Number of students benefited by scholarships and free ships provided by the Government during the year
- 5.1.1.1 Number of students benefited by scholarships and free ships provided by the Government during the year

452

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<u>View</u> <u>File</u>
Upload any additional information	<u>View</u> <u>File</u>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<u>View</u> <u>File</u>

- 5.1.2 Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year
- 5.1.2.1 Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

94

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

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Any additional information	<u>View File</u>
Details of capability building and skills enhancement initiatives (Data Template)	<u>View File</u>

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

453

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

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

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<u>View</u> <u>File</u>
Upload any additional information	<u>View</u> File
Details of student grievances including sexual harassment and ragging cases	<u>View</u> File

### 5.2 - Student Progression

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

### 5.2.1.1 - Number of outgoing students placed during the year

92

File Description	Documents
Self-attested list of students placed	<u>View File</u>
Upload any additional information	<u>View File</u>
Details of student placement during the year (Data Template)	<u>View File</u>

### 5.2.2 - Number of students progressing to higher education during the year

### 5.2.2.1 - Number of outgoing student progression to higher education

6

File Description	Documents
Upload supporting data for student/alumni	<u>View File</u>
Any additional information	<u>View File</u>
Details of student progression to higher education	View File

# 5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

# 5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government

4

File Description	Documents
Upload supporting data for the same	<u>View</u> <u>File</u>
Any additional information	<u>View</u> File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<u>View</u> File

### 5.3 - Student Participation and Activities

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

2

File Description	Documents
e-copies of award letters and certificates	<u>View</u> <u>File</u>
Any additional information	<u>View</u> <u>File</u>
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<u>View</u> <u>File</u>

- 5.3.2 Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )
- A student council will be formed with the goals of improving communication between students, management, staff, and parents; fostering an environment that is supportive of academic and personal growth; encouraging respect and friendship among students; assisting management and staff in the development of the college; and, finally, representing the views of the students on issues that affect them generally.

Students are a part of class committee meeting and the members were selected from the respective classes to represent the ideas of all the other students and meetings were conducted to get the review of the students.

Students have the chance to develop the kinds of communication, planning, and organizational skills that will help them in their future lives through the development of a Student Council. It gives pupils the chance to take ownership of projects and show that they can manage and complete them successfully.

A student council will be formed with the goals of improving communication between students, management, staff, and parents

encouraging respect and friendship among students; assisting management and staff in the development of the college.

Committees in which the students are involved includes

- 1.Class committee
- 2. Hostel management committee
- 3.Anti-ragging committee
- 4.Women Empowerment Cell
- 5. Sports Committee

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<u>View File</u>

### 5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

### 5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

32

File Description	Documents
Report of the event	<u>View</u> File
Upload any additional information	<u>View</u> File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

### 5.4 - Alumni Engagement

### 5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The alumni association's members run the organization through an elected body at the general body meeting. The President, Vice President, Secretary, etc. make up the elected body. They collaborate with the Head of the Institution and operate within the association's byelaws. The 18 sq.m Alumni Association office is located on the campus grounds.

Due to the relatively recent registration of alumni associations and the youth of the graduates, it will take longer to receive donations from them because they must first establish themselves in their careers and personal lives.

They organize the sports and games trophy, hold mock interviews with the junior students to prepare them for placement, deliver special lectures on topical topics of interest, and assess the project work on Tech Day. Members of the alumni association share their thoughts on academic issues, administrative facilities, and infrastructure expansion for the institution's overall expansion.

Alumni association representatives attend the AAC for the programs and participate in the development of the VAP and the review of the OBE protocol. The college administration provides whole support for the Alumni Association's operations. The organization's active alumni association serves as a link for its members with the college's leadership and first-year students.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<u>View File</u>

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

E. <1Lakhs

File Description	Documents
Upload any additional information	<u>View File</u>

### GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

**VISION** 

Emerge as a Premier Institute, producing globally competent engineers.

#### **MISSION**

- Achieve Academic diligence through effective and innovative teachinglearning processes, using ICT Tools.
- Make students employable through rigorous career guidance and training programs.
- Strengthen Industry Institute Interaction through MOUs and Collaborations.
- Promote Research & Development by inculcating creative thinking through innovative projects incubation.

The vision and mission statements focus on providing quality technical education which enables the graduates to be competitive, socially responsible and ethically desirable. To achieve these objectives, the institution provides a conducive learning environment aided by an excellent infrastructure (physical. academic and support facilities) and committed teachers who are all qualified and experienced with a mind to serve the student community. The management plays the role of a facilitator and provides adequate financial support for the creation and sustenance of an efficient academic and administrative infrastructure. The management executes its commitment to the cause by entrusting the principal and academic heads the shared responsibility. Head of various departments take up the responsibility of guiding the departments. The members of faculty extend their support to Head of the department by taking up the responsibility in effective curriculum delivery and holistic development of the students.

File Description	Documents
Paste link for additional information	Nil

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

The institution has a governing council whose members are drawn from the board of Trustees, Statutory bodies, Industry, Technical Education, teaching staff and Head of the Institution (Principal). The Governing council is headed by the Managing Trustee. The governing council formulate policies, monitor progress, involve in financial planning and management. The top management consisting of Managing Trustee, Chairman and Secretary of the Trust execute its functions by entrusting the principal and academic

Principal leads the academic structure of the institution. Principal ensures planning and implementation of a well-planned academic activity in co-ordination with head of the department and senior members of faculty. The head of the department functions through the course coordinators/ instructors and mentors to provide academic support, guidance and counselling.

The institution promotes participative management in keeping with the system of decentralized governance. Suggestions given by various committees to the principal as well as input drawn from parents, alumni and students are considered while preparing the agenda for governing council meetings. The practices of decentralized governance in curricular, co-curricular and extracurricular activities and participative management in administrative bodies have established an effective leadership at the department and institution level.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<u>View File</u>

### 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Akshaya is dedicated to offering top-notch instruction and instilling moral principles in both teachers and students in order to meet and exceed international standards in both academia and research through self-evaluation and continual growth. The institution's quality policy guarantees academic excellence, quality in the teaching-learning process, optimal resource utilization, and staff and student development to foster social values. Through quality assessment approaches including internal audits and feedback from stakeholders, evaluation and continual improvement are accomplished. The Quality improvement strategies deployed are addressed to teaching-learning, community engagement, Human Resource Management and Industry Interaction.

NSS and YRC initiatives are part of the community engagement strategy to promote social responsibility among students and teachers. The organizing of industrial visits and sponsored projects for the students is part of the industry interaction strategy. The feedback from students exit survey, alumni and parents are analyzed and the report is made for management review.

The institution has a long-term (NIRF ranking, research funding etc.) and short-term (MoUs, research and development, etc.) perspective plan for

development in order to improve the status to recognized institution/university, etc. The perspective plan is discussed during governing council sessions to monitor the institution's performance.

File Description	Documents
Strategic Plan and deployment documents on the website	<u>View File</u>
Paste link for additional information	Nil
Upload any additional information	<u>View File</u>

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

The Institutional bodies involved in the institution to administrative set-up headed by the Principal at institution level and guided by Board of Trustees represented by Managing Trustee and Chairman. Principal plans, organises, directs, co-ordinates and controls the activities of the institution.

They function focussing on the vision, mission and quality policy of the institution for an effective and efficient administration. The governing council is involved in planning for comprehensive development, establish policies, financial planning and management. The Top Management consisting of Managing Trustee, Chairman, Secretary and Trustees extend valuable support to the principal to implement the plans and policies of the institution.

Principal, as the Head of the Institution, ensures well planned academic activity in coordination with heads of the department and Senior members of faculty of the institution. The institution has well framed policies that is formulated by the top management in consultation with Head of the Institution and amended from time to time.

Head of the Departments are entrusted with the overall responsibility of the departments. The members of faculty take the responsibility in knowledge transfer, mentoring and holistic development of the students. Various committees are framed to provide necessary support to the Head of the Institution.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	Nil
Upload any additional information	<u>View File</u>

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	No File Uploaded
Screen shots of user inter faces	No File Uploaded
Any additional information	<u>View File</u>

Details of implementation of e-governance in areas of operation, Administration etc(Data Template)

View File

### 6.3 - Faculty Empowerment Strategies

### 6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff

The top management of the institution cares for the well-being of its employees. Apart from the statutory measures of the scale of pay, EPF and ESI to all the eligible staff, the institution employees are given certain welfare benefits. The welfare measures, in a broader sense, are the same for both the teaching and non-teaching staff. The details are furnished below.

#### WELFARE MEASURES FOR TEACHING STAFF

- Free Accidental Group Insurance to all the teaching staff.
- Sum Insured for Accidental Death / Permanent total disability Rs.1,50,000/-
- Weekly benefit @ Max. 52 weeks Rs.1,500/- Transport
- Common mobile facility under CUG to all the head of the departments.
- Free accommodation and boarding in the hostels for deputy wardens and members of faculty.

#### WELFARE MEASURES FOR NON-TEACHING STAFF

- Free Accidental Group Insurance to all the Non-teaching staff.
- Sum Insured for Accidental Death / Permanent total disability Rs.1,20,000/-
- Weekly benefit @ Max. 52 weeks Rs.1,200/- \Free transport facility for all the non-teaching staff.
- Common mobile facility under CUG for essential administrative staff.
- Uniforms at free of cost for maintenance staff during festivals.
- In addition to the above mentioned welfare measures, the management extends cash gift to the marriage of staff or their children.

File Description	Documents	
Paste link for additional information	Nil	
Upload any additional information	<u>View File</u>	

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

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

38

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

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

### 6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

8

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	<u>View File</u>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

- 6.3.4 Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)
- 6.3.4.1 Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

51

File Description	Documents
IQAC report summary	<u>View File</u>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	<u>View File</u>
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Performance Appraisal System is in place for teaching staff. As the institution is ten years old, the impact of the system can be assessed now. Various aspects are given due weightage in the performance appraisal and accordingly the assessment parameters arrived at. This assessment is carried out at the end of the academic year. Assessment criteria for performance appraisal system, in border terms, include Research Activities, Professional Upgradation etc. Each of these criterion is subdivided into a number of attributes and there is no minimum or maximum limit on the score earned by the teaching staff. The appraisal system is department specific one.

The attributes considered for Academic Achievement are student feedback, mentoring, pass percentage in theory and analytical courses, setting up of new laboratories and experiments, student project guidance and awards.

The attributes relevant to professional upgradation are guest lecture delivered in other institution/ industry, short term training programme etc. The activities considered for performance appraisal under Research head, published and granted, registered for Ph.D. completion and submission of thesis. Academic Performance Indicates, a benchmark for a department by taking the average of scores obtained but after detecting the highest and lowest score in the spectrum.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<u>View File</u>

### 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The Top Management consisting of Managing Trustee, Chairman and Secretary have assigned the auditing of Accounts to private auditors namely Mohan and Venkataraman, Chartered Accountants F.R.No.0073215. he interim audit team send by auditors verify the financial transactions including sources of income, borrowings and bills of payments once in two or three months. The discrepancies, if any, are set right by the Accountant and office Manager during interim auditing itself. The External financial audit is carried out by auditors Mohan and Venkataraman, Chartered Accountants and they seek clarification / correction wherever required. Audit objections have not been raised with the institution till date. The Annual income-expenditure statement of the institution vide balance sheet is prepared and certified by the auditors on completion of auditing every financial year whereas establishment expenses, academic expenses, administration expenses and financial charges taken as expenditure.

The mechanism for settling audit objection, if any, is left to the Accountant and Office Manager. One of the Trustee, who is active also involve himself in the financial management of the institution. Head of the institution derives audit reports from the auditors for the purpose of financial planning for the future.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<u>View File</u>

# 6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

# 6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

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

### 6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The major source of funds for the institution is through collection of tuition fees. In case of deficit, funds are derived from the Trust by means of donations to the Trust and loans from financial institutions,

Trustees and other sources. The trust has cleared all borrowings as on date.

Institute Budget is prepared based on the budget requirements from the departments and other sections. The funds are released periodically by the top management for the recurring and non-recurring expenditure depending upon their priority. Salary to all the employees is paid on or before fifth date of every month during the calendar year. During the last five calendar years, salary to all the employees was paid on or before first date of every month. The essential services like water, electricity, etc..are given top priority along with salary payment to all its employees on time. The financial planning and utilisation is carried out by the top leadership of the Trust consisting of Managing Trustee,

Chairman, Secretary and one of the Active Trustee after discussions with other members of the Trust.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<u>View File</u>

#### 6.5 - Internal Quality Assurance System

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

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. The institution has established an Internal Quality Assurance Cell (IQAC). The Institution follows the norms laid down by the regulatory authorities namely AICTE and Anna University. Four meetings of the IQAC are conducted in an academic year to review various points related to the academic programme, other initiatives and its improvement . The minutes and action taken are notified to the members of faculty through Heads of the department.

IQAC has significantly contributed for quality improvement. The two initiatives that can be considered to be part of academic process are (1) Academic Audit on teaching-learning process (2) Question paper audit for Continuous Internal Assessment and evaluation process. These audits are done three times in a semester.

Academic audit ensures the progress of the teaching -learning process carried out by the faculty member. It gives a feed back to the faculty member on his/her completion of the required quantity of academic work.

Question papers prepared for the continuous internal assessment test is an important input to the assessment process of the student. Hence auditing on question papers ensures the proper questions are being asked.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<u>View File</u>

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Internal Quality Assurance Cell has a structure for Review of Teaching - learning process and learning outcomes with respect to Quality. The structure has a separate committee called AAC , which reviews the teaching-learning process under the supervision of IQAC.

A representative from each of the following groups makes up the IQAC structure: the Chairperson, Co-ordinator, Head of Department, Management Representative, Senior Administrative Officers, Nominee from Local Society, Nominee from Industry, Parents etc.. Principal is the IQAC's chair at the moment. To review the operational plans and procedures, IQAC meetings are held twice during the academic year, preferably at the start of the odd and even semesters and at the end.

The Principal chairs the Academic Audit Committee, which also has members from several departments. For each course, the AAC creates a checklist for the examination of the TL Process and verifies it. The committee members examine the syllabus, the course outline, etc. The IQAC examines the CIA exam questions. Before the start of CIAs, this audit is conducted three times for each subject within a semester. This audit and review makes sure that the following are met: proper syllabus coverage; adherence to RBT level.

File Description	Documents	
Paste link for additional information	Nil	
Upload any additional information	<u>View File</u>	

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	<u>View File</u>
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

### INSTITUTIONAL VALUES AND BEST PRACTICES

#### 7.1 - Institutional Values and Social Responsibilities

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

Academic and other managerial roles at the institution very effectively reflect gender equity. Additionally, the departments of Science & Humanities, ECE, and CSE are led by female professors. In both academic and extracurricular activities, gender sensitization is a common practise, and women are fairly represented on various committees. Those are also represented in a number of the department associations' planning committees that coordinate extracurricular activities like seminars, symposiums, and guest lectures.

The college's Women Empowerment Cell plans a variety of events for women staff and girl students. Many events are organized, a sizable portion of women are given the chance to participate in these programmes. Through the Women Empowerment Cell, cultural events are also organised specifically for women. The top management takes every possible step to advance gender equity.

The facilities offered to women are intended to guarantee their safety and security, provide counselling, a common area for resting, and women mentors for their secure participation in sporting events. The assistance of a woman mentor boosts the self-confidence of female students and advances gender equity in games, sports, and other extracurricular pursuits. A grievance redressal system is also established for women.

File Description	Documents
Annual gender sensitization action plan	https://www.acetcbe.edu.in/naac/AQAR/C7/7.1.1.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Nil

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

A. 4 or All of the above

File Description	Documents	
Geo tagged Photographs	<u>View File</u>	
Any other relevant information	<u>View File</u>	

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

By locating the sources of waste and making use of the available tools, the waste management procedure on campus is made easier. Bins placed at key locations serve as the separation points for degradable and non-degradable waste materials. Degradable waste is collected in bins of the colour green. Non-perishable items are collected in pink/red coloured bins. Waste that is biodegradable. These trash cans are located in dorms, the canteen, the dining hall, a laundry area, and the main structure. Food is frequently among the campus's degradable solid waste materials. leaves, paper, food waste, and yard waste. Other types of solid waste, including synthetic plasticsNon-biodegradable waste is gathered on campus in the form of clothing, etc. Utilizing food waste as fuelfor cooking with biogas. The greenery of trees and other plants includes their leaves.

The personnel responsible for internal cleaning manage liquid waste.

Through pipelines, liquid waste produced during hand washing, canteen,

hostel mess, and laundry is collected in a collection tank and pumped from there to water trees and plants. E-waste is disposed of through a company in the form of discharged and worn-out batteries, condemned electronic unit circuit boards, etc. The campus is free of biomedical waste and radioactive waste, so the mechanism for such waste does not need to be managed.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	<u>View</u> <u>File</u>
Geo tagged photographs of the facilities	<u>View</u> File

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

A. Any 4 or all of the above

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

### 7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

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

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<u>View File</u>
Certification by the auditing agency	<u>View File</u>

Certificates of the awards received	No File Uploaded
Any other relevant information	<u>View File</u>

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	<u>View File</u>
Policy documents and information brochures on the support to be provided	<u>View File</u>
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	<u>View File</u>

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

By fostering an inclusive environment for all student groups, regardless of their statehood, region, language, or culture, Akshaya College of Engineering and Technology (ACET) encourages national integration. Recognising a person's socioeconomic status, regional identity, and cultural background is part of the inclusive environment. 'Equality'—the fundamental principle—was kept in mind by the students.

The students are seated in the classroom with no clear indication of their state, region, language, culture, or social standing. In order to foster a climate and environment conducive to better learning and healthy living, the hostel residents are given rooms to live in living. Social diversity is not given any special consideration in the hostel living situation. ACET gives scope for cultivating leadership qualities among these students with representation in various committees. Further, the public festivals of Tamilnadu and Kerala i.e Pongal and Onam are celebrated with much fun fare within the campus so as to foster friendship and fellowship among them. The cultural activities are also encouraged in their own mother tongue during annual day. It is better said that the mind of youth of India in colleges are not corrupted by caste, creed or religion.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<u>View</u> <u>File</u>
Any other relevant information	<u>View</u> <u>File</u>

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

The Akshaya College of Engineering and Technology organises invited talks on topics such as women's rights, general legal awareness, safety & security, etc by renowned solicitors, judges, experts and police officers in order to educate students about their constitutional rights, duties and responsibilities. Events are held in specific locations every year to raise awareness among the student population and encourage them to serve as productive citizens of this nation.

For the benefit of female students, the Deputy Director, Director General of Central Excise Intelligence, Coimbatore, gave a speech on "women's rights and welfare in India." Principal District Sessions Judge, Coimbatore, has organised a campaign on "General Legal Awareness" for the students. Additionally, programmes related to "Safety and Security" received more attention. Speaking on safety issues, particularly for women, were police officers with the ranks of Sub-Inspector and Additional Director General of Police. With the assistance of Ex-defence personnel, training programmes in "self defence" for women have also been organised. However, due to limitations, the aforementioned programmes are only offered occasionally. Based on the time allotted for it in the activity calendar.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://www.acetcbe.edu.in/naac/AQAR/C7/7.1.9.pdf
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	<u>View</u> <u>File</u>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	
Any other relevant information	<u>View</u> <u>File</u>

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

ACET observe our Independence Day and Republic Day on the 15th of August and the 26th of January, respectively, every year. The National Flag is raised, oaths are taken, and the Head of the Institution then addresses the crowd. The institution holds a Tech Day with a Project Competition on September 14th in honor of Engineer's Day and "Sri MokshagundamVisveswaraiya."

The birthday of Dr. Sarvapalli Radha Krishnan is commemorated as Teacher's Day, and students send their best wishes to the administration and teachers. To commemorate Science Day, unique events are organized on February 28. On March 8, cultural events are held exclusively for female staff members and female students to celebrate International Women's Day. There are celebrations on World Environment Day every year on June 5th, including neighborhood tree-planting drives and a special lecture on climate change and environmental protection. On June 21, Yoga Day is celebrated under the direction of a renowned yoga teacher.

National holidays that are observed on campus includes Pongal and Onam. As people from different cultures, faiths, castes, and states come together for these events, it helps to promote community peace among the citizens of our magnificent nation.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<u>View</u> File
Geo tagged photographs of some of the events	
Any other relevant information	<u>View</u> <u>File</u>

#### 7.2 - Best Practices

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

#### BEST PRACTICES 1 - LANGUAGE TRAINING

The Institution provides a well-structured skill training program to all the students. ACET is committed to giving students who need to improve their English language proficiency the chances they require. At the beginning of the first semester, a test of analysis that includes fundamental verbal and grammar skills is given to all first-year students. The student are examined and divided into two groups, Slow Learners and Fast Learners, based on the results. The students in each group receive two hours of language training per week across two separate curricula. As a result, the one year of training concentrates on helping the students' language skills to meet the needs of engineering professionals in the workplace.

#### BEST PRACTICES 2 - VALUE ADDED PROGRAMMES

Value Added Courses /Value Added Programmes serve as a tool to bridge the gap between the university curriculum and the industry needs. A committee consisting of qualified professors and experts from industry is constituted to formulate the value added programmes and major contents of the syllabus for the same. Hands on training and/or practical sessions are encouraged to supplement theory classes, wherever required, so that

the students can gain expertise in trouble shooting also. The practice is followed for all the students from semester III to semester VIII.

File Description	Documents
Best practices in the Institutional website	https://www.acetcbe.edu.in/naac/AQAR/C7/7.2.1 Best practice.pdf
Any other relevant information	https://www.acetcbe.edu.in/naac/AQAR/C7/7.2.1 Supporting doc.pdf

#### 7.3 - Institutional Distinctiveness

### 7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The Training and Placement Cell focussed on feedback from industry and structured is value added training programmes and skill development initiatives whereas the departments provided necessary support in addition to imparting sound technical knowledge to the students. The final year students are given opportunity to appear for on-campus and off campus placement drive. Centres of excellence established under Memorandum of understanding with T &VS and eNoah isolution industries trained our students in the core area of VLSI design. These two organisations employed a good number of candidates from undergraduate engineering programmes of ECE, CSE, Mechatronics and EEE discipline. Value added training is also offered in appropriate technologies for the undergraduate students of Civil, Mechanical and Mechatronics engineering discipline. Computer Science and Engineering students are given domain specific training to improve their programming skills, software applications and analytical skills so as to secure placement in software Industries. The placement statistics for the current academic year at Akshaya College of Engineering and Technology show maximum placement in core industries followed by IT industries and IT enabled service.

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

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

The Training and Placement Cell Department and various other experienced faculty only provide career guidance to the students. They conduct various training programs and workshops to guide students in their preparation for the recruitment process as per the needs and requirements of the industry. Students are being trained in all technical skills to get placed in Core Company with emphasizing the idea of high package. The institution works to develop a strong programme that will assist final-year students in developing their professional and interpersonal skills in order to approach hiring organisations and the recruiters who serve as the public face of numerous industrial conglomerates. These training courses aid in giving the students both professional and interpersonal skills.