



## YEARLY STATUS REPORT - 2022-2023

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	<b>C.K. College of Engineering and Technology</b>
• Name of the Head of the institution	<b>Dr .S.Saravanan</b>
• Designation	<b>Principal</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone no./Alternate phone no.	<b>04142227455</b>
• Mobile no	<b>9842960407</b>
• Registered e-mail	<b>principal@ckcet.com</b>
• Alternate e-mail	<b>saravananckcet@ckinstitutions.in</b>
• Address	<b>Jayaram Nagar</b>
• City/Town	<b>cuddalore</b>
• State/UT	<b>Tamilnadu</b>
• Pin Code	<b>607003</b>
<b>2.Institutional status</b>	
• Affiliated /Constituent	<b>Affiliated</b>
• Type of Institution	<b>Co-education</b>
• Location	<b>Semi-Urban</b>

• Financial Status	<b>Self-financing</b>
• Name of the Affiliating University	<b>Anna University, Chennai</b>
• Name of the IQAC Coordinator	<b>Dr.D.Sengeni</b>
• Phone No.	<b>04142227454</b>
• Alternate phone No.	<b>7892425885</b>
• Mobile	<b>9750188418</b>
• IQAC e-mail address	<b>iqac@ckcet.edu.in</b>
• Alternate Email address	<b>sengeni@ckcet.edu.in</b>
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR-2021-22.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR-2021-22.pdf</a>
<b>4.Whether Academic Calendar prepared during the year?</b>	<b>Yes</b>
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://ckcet.edu.in/wp-content/uploads/Academic-Calendar-2022-23Odd.pdf">https://ckcet.edu.in/wp-content/uploads/Academic-Calendar-2022-23Odd.pdf</a>

**5.Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B</b>	<b>2.53</b>	<b>2016</b>	<b>25/05/2016</b>	<b>24/05/2021</b>

**6.Date of Establishment of IQAC****01/07/2015****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
Civil Engineering	Student Proposal Scheme	TNSCST	2023 (Six Months)	7500
Electronics and Communication Engineering	Student Proposal Scheme	TNSCST	2023 (Six Months)	7500
Mechanical Engineering	Student Proposal Scheme	TNSCST	2023 (Six Months)	7500
<b>8. Whether composition of IQAC as per latest NAAC guidelines</b>			<b>Yes</b>	
<ul style="list-style-type: none"> <li>Upload latest notification of formation of IQAC</li> </ul>			<a href="#">View File</a>	
<b>9. No. of IQAC meetings held during the year</b>			<b>2</b>	
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>			<b>Yes</b>	
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>			No File Uploaded	
<b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>			<b>No</b>	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>				
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>				
<ul style="list-style-type: none"> <li>Enhanced our assessment practices by implementing outcome-based assessment methods and rubrics to evaluate student performance effectively while ensuring alignment with curriculum objectives and desired learning outcomes.</li> </ul>				

• Establishment of a dedicated student support system, including counseling services, academic advising, and mentorship programs, to promote holistic student development and well-being.

• Implementation of sustainability initiatives and green practices across campus, including waste reduction, energy conservation, and eco-friendly infrastructure, to promote environmental awareness and responsibility among students and staff.

• Launching an extensive faculty development program focused on pedagogical innovations, research methodologies, and interdisciplinary collaboration to elevate teaching-learning practices.

• Implementation of student feedback mechanisms and surveys to gather valuable insights into the learning experience, academic support services, and overall satisfaction, enabling continuous improvement and quality enhancement initiatives.

**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
1. Conduct a comprehensive review of existing curriculum and pedagogical methods to identify areas for improvement and innovation.	1. Revised and updated curriculum to align with industry trends and emerging technologies, enhancing the relevance and quality of education.
2. Implement faculty development programs focusing on the integration of technology in teaching, research methodologies, and pedagogical innovations.	2. Faculty members trained in modern teaching methods and equipped with the skills to integrate technology effectively into their teaching practices.
3. Enhance student support services through the implementation of mentoring programs, counseling services, and academic advising.	3. Improved student satisfaction and academic performance through enhanced support services and mentoring programs.
4. Strengthen assessment practices by introducing outcome-based assessment methods and rubrics.	4. Enhanced transparency and objectivity in assessment practices, leading to a better understanding of student learning outcomes.
5. Establish mechanisms for continuous feedback and improvement, including student and stakeholder surveys and internal quality audits.	5. Establishment of a culture of continuous improvement and quality assurance, reflected in positive feedback from stakeholders and improved institutional performance indicators.
<b>13. Whether the AQAR was placed before statutory body?</b>	Yes
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name	Date of meeting(s)
Governing Council	17/12/2022
<b>14. Whether institutional data submitted to AISHE</b>	

Year	Date of Submission
2022-23	10/02/2024

### 15. Multidisciplinary / interdisciplinary

Multidisciplinary and interdisciplinary approaches are integral to the educational ethos at CKCET, fostering a dynamic learning environment where students engage with diverse perspectives and integrate knowledge from various disciplines. In a multidisciplinary framework, students explore subjects within their respective disciplines, gaining depth of understanding and proficiency in specialized areas. This approach encourages specialization while providing students with a broad understanding of related fields. On the other hand, interdisciplinary education transcends disciplinary boundaries, promoting collaboration and synthesis of knowledge across multiple fields. At CKCET, interdisciplinary initiatives encourage students to apply insights from different disciplines to address complex real-world challenges. By integrating knowledge and methodologies from diverse domains, students develop critical thinking skills, creativity, and adaptability, essential for success in an ever-evolving global landscape. Through multidisciplinary and interdisciplinary approaches, CKCET empowers students to tackle multifaceted problems, fostering innovation and holistic development. Interactions with peers and faculty from varied backgrounds cultivate a culture of intellectual curiosity and collaboration, preparing students to become versatile professionals capable of navigating the complexities of the modern world. This holistic educational experience equips graduates with the agility and resilience needed to thrive in diverse personal and professional contexts.

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

The Academic Bank of Credits (ABC) at CKCET, an affiliated college, functions as a centralized platform for documenting and managing academic achievements. Aligned with the guidelines of the affiliated university, the ABC system enables students to accumulate credits from various educational endeavors, including courses, internships, and projects. Within this framework, CKCET students can access their digital credit portfolio, which records their academic progress and accomplishments. This centralized repository facilitates the seamless transfer of credits between CKCET and the affiliated university, ensuring transparency and consistency in academic recognition. Despite being an affiliated college, CKCET's ABC system promotes flexibility and student empowerment. Students have the flexibility to tailor their academic paths by choosing from a range

of elective courses and experiential learning opportunities. This approach encourages interdisciplinary exploration and fosters a culture of lifelong learning among students. By implementing the ABC system, CKCET demonstrates its commitment to enhancing the quality and relevance of education. The system not only streamlines administrative processes but also promotes student engagement and academic excellence within the framework of the affiliated university's regulations and standards.

#### **17.Skill development:**

At CKCET, skill development is a cornerstone of our educational philosophy, aimed at empowering students with the practical competencies and expertise necessary for success in their chosen fields. Through a variety of initiatives and programs, we strive to nurture a culture of continuous learning and skill enhancement among our students. Our approach to skill development encompasses both technical and soft skills, recognizing the importance of a well-rounded skill set in today's competitive job market. Technical skills are honed through hands-on laboratory sessions, industry-relevant projects, and practical training programs conducted in collaboration with leading companies in various sectors. In addition to technical proficiency, we place a strong emphasis on soft skills such as communication, teamwork, leadership, and problem-solving. Workshops, seminars, and extracurricular activities are organized regularly to foster the development of these essential skills, ensuring that our students are not only technically proficient but also effective communicators and collaborators. Furthermore, we encourage students to participate in internships, apprenticeships, and industry projects to gain real-world experience and apply their skills in practical settings. These opportunities not only provide valuable exposure to industry practices but also help students develop a professional network and gain insights into potential career paths. Overall, our comprehensive approach to skill development equips CKCET students with the knowledge, abilities, and confidence to excel in their chosen professions and make meaningful contributions to society.

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

As the nodal center for NPTEL (National Programme on Technology Enhanced Learning) at CKCET, we recognize the importance of integrating Indian knowledge systems into our curriculum to enrich the educational experience and promote cultural relevance. Our approach involves incorporating elements of Indian languages, culture, and traditions into the delivery of online courses,

fostering a deeper connection between students and their heritage while enhancing learning outcomes. One key aspect of our initiative is the inclusion of course content in Indian languages, such as Hindi, Tamil, and Telugu, alongside English. This multilingual approach ensures accessibility for students from diverse linguistic backgrounds, enabling them to engage more effectively with the material and facilitating a broader dissemination of knowledge. Furthermore, we infuse our courses with insights from Indian culture and heritage, highlighting indigenous practices, philosophies, and innovations that have contributed to the country's rich intellectual tradition. By contextualizing technical concepts within the framework of Indian culture, we aim to instill a sense of pride and appreciation for our heritage among students, while also demonstrating the relevance of traditional knowledge systems in contemporary contexts. In addition to language and culture, we leverage online platforms to facilitate interactive learning experiences that are both engaging and inclusive. Through features such as discussion forums, live webinars, and virtual labs, we encourage collaborative learning and peer-to-peer interaction, enabling students to explore and apply Indian knowledge systems in a digital environment. Overall, our efforts towards the appropriate integration of Indian knowledge systems in online courses at CKCET's NPTEL nodal center reflect our commitment to holistic education and cultural inclusivity. By embracing our diverse cultural heritage and incorporating it into our teaching practices, we strive to create a learning environment that is both academically rigorous and culturally enriching for our students.

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

At CKCET, we prioritize Outcome-Based Education (OBE) as a foundational principle to ensure the holistic development and success of our students. OBE emphasizes defining clear learning outcomes and aligning teaching and assessment methods to achieve those outcomes effectively. Our approach to OBE begins with the identification of program-specific learning outcomes (PSLOs) and course learning outcomes (CLOs) that articulate the knowledge, skills, and attitudes students are expected to demonstrate upon completion of their studies. These outcomes serve as benchmarks for curriculum design, guiding the development of course materials, instructional strategies, and assessment criteria. To support the implementation of OBE, we emphasize active and student-centered learning methodologies that promote critical thinking, problem-solving, and application of knowledge in real-world contexts. Through project-based learning, case studies, laboratory experiments, and internships, students engage in hands-on



experiences that enable them to develop practical skills and competencies relevant to their field of study. Assessment in OBE is designed to be authentic, varied, and aligned with the intended learning outcomes. We utilize a mix of formative and summative assessment methods, including quizzes, assignments, presentations, and performance evaluations, to measure student progress and achievement against the established outcomes. Through our commitment to OBE, CKCET aims to produce graduates who are not only academically proficient but also capable of adapting to diverse professional environments, contributing positively to society, and continuing their lifelong learning journey. By focusing on outcomes, we empower our students to thrive in a rapidly changing world and make meaningful contributions to their chosen fields.

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

As CKCET continues to adapt to the evolving landscape of education, we recognize the significance of distance education and online learning in expanding access to quality education and fostering lifelong learning opportunities. Our commitment to providing accessible and flexible education through distance education initiatives and online learning platforms is unwavering. Through strategic partnerships with renowned online learning platforms and educational institutions, CKCET offers a diverse range of online courses and programs that cater to the needs and interests of learners from diverse backgrounds. Whether it's professional development courses, certificate programs, or degree programs, our online offerings provide learners with the flexibility to pursue their educational goals at their own pace and convenience. In addition to traditional online courses, CKCET has embraced innovative technologies and instructional methods to enhance the online learning experience. Interactive multimedia content, virtual labs, discussion forums, and live webinars are just a few examples of the engaging and interactive tools we use to facilitate effective learning and collaboration in the online environment. Moreover, CKCET remains committed to ensuring the quality and rigor of our online education programs through continuous assessment and improvement. Rigorous curriculum design, qualified faculty members, and robust assessment mechanisms ensure that our online learners receive a high-quality education that is on par with traditional classroom instruction. As we continue to expand our offerings in distance education and online learning, CKCET remains dedicated to democratizing access to education, empowering learners to pursue their educational aspirations regardless of geographical constraints or other barriers. Through our online education initiatives, we strive to equip learners with the knowledge, skills, and

competencies needed to thrive in today's interconnected world.

## Extended Profile

### 1.Programme

1.1	356
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

### 2.Student

2.1	1251
Number of students during the year	

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

2.2	284
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

2.3	272
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

### 3.Academic

3.1	103
Number of full time teachers during the year	

File Description	Documents
Data Template	<a href="#">View File</a>
3.2 Number of sanctioned posts during the year	103
File Description	Documents
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1 Total number of Classrooms and Seminar halls	34
4.2 Total expenditure excluding salary during the year (INR in lakhs)	1353.44
4.3 Total number of computers on campus for academic purposes	475
<b>Part B</b>	
<b>CURRICULAR ASPECTS</b>	
<b>1.1 - Curricular Planning and Implementation</b>	
1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process	
<p>C.K College of Engineering and Technology, affiliated with Anna University, Chennai, ensures effective curriculum delivery through meticulous planning and execution. Beginning with the creation of an academic calendar by a dedicated committee, our institute aligns all activities, including internal examinations and holidays, with Anna University's schedule. Faculty expertise and preferences guide course allocations, endorsed by the Head of the Department and Principal.</p> <p>Subsequently, comprehensive timetables are crafted to accommodate theory, practical, and specialized slots for activities such as MOOCs and industrial presentations. Faculty members develop detailed course plans, supplemented by materials from reputable sources, which are then distributed to students with departmental approval.</p>	

Moreover, course files meticulously document curriculum coverage, attainment levels, and feedback analysis, ensuring continuous improvement.

Innovative teaching techniques, like experiential and problem-solving learning, augment traditional methods, promoting active engagement. Tailored tutorials and assignments cater to diverse learning needs, supplemented by guest lectures and remedial classes.

Regular departmental and IQAC reviews monitor syllabus coverage, attendance, and academic performance, while library resources are consistently upgraded to support evolving educational needs. These measures collectively ensure a robust and student-centric approach to curriculum delivery, fostering academic excellence and holistic development.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%201/1.1.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%201/1.1.pdf</a>

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

The Institute meticulously designs the academic calendar before each semester, aligning it with the university schedule. It includes details like working days, assessments, training sessions, and meetings. Departments create their calendars accordingly. Timetables are structured for effective management of lecture and tutorial hours, with faculty maintaining course logbooks to monitor student performance. Lesson plans and materials undergo review by department heads and the Institutional Quality Assurance Cell.

Innovative teaching methods ensure effective curriculum delivery, supported by the "Invest in Yourself" (IIY) initiative, encouraging students to pursue online courses. Regular class committee meetings facilitate collaboration and decision-making. Remedial measures are implemented based on internal exam performance, with Parents-Teachers Meetings conducted to support students.

Internal assessments drive mark allocation, with faculty-prepared papers audited before evaluation. Results are uploaded to the university portal for student access. This systematic approach

ensures curriculum delivery and academic excellence.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AOAR%202022-23/Criteria%201/1.1.2.pdf">https://ckcet.edu.in/wp-content/uploads/AOAR%202022-23/Criteria%201/1.1.2.pdf</a>

**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**

**D. Any 1 of the above**

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

## 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**

**13**

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

**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)**

15

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

**1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year**

797

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

**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 Institute integrates cross-cutting issues such as gender, environment, sustainability, human values, and professional ethics into the curriculum through various courses aimed at holistic student development.

Courses on professional ethics equip students with soft skills necessary for their future professions. Gender sensitivity activities, conducted under the Internal Complaints Committee (ICC), include fieldwork and community outreach, fostering real-life interactions.

Students engage in social development activities like working with NGOs, organizing blood donation and health check-up camps, and participating in cleanliness drives and workshops on social concerns

to cultivate human values.

All undergraduate programs include environment studies courses, complemented by activities like seminars, workshops, guest lectures, company visits, and tree plantation drives. These initiatives aim to raise awareness about environmental and sustainability issues.

The integration of these courses and activities underscores the Institute's commitment to nurturing socially responsible and ethically conscious professionals who contribute positively to society.

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

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

296

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

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

1131

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

#### 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	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%201/1.4.1.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%201/1.4.1.pdf</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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	<a href="#">View File</a>
URL for feedback report	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%201/1.4.2.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%201/1.4.2.pdf</a>

#### 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**



385

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

**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**

264

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 2.2 - Catering to Student Diversity

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

Students are admitted in the first year through (TNEA) counseling and Management quota

The CKCET is well aware of students' diversity and is concerned about the students' learning outcomes.

The Induction program is conducted at the beginning of the academic year for the admitted students to equip themselves with the university curriculum, and code of conduct to come out of fear.

To fill the knowledge gap, the bridge courses are introduced every year before the commencement of the classes. In the bridge course, students learn the basics of Engineering concepts.

The learning levels of students are assessed using Bloom's taxonomy. Based on Assessment performance students who secured below 50% are listed as slow learners and the ones who secured above 50% are listed as advanced learners.

Initiatives for advanced learners:

The initiatives are aimed at motivating and facilitating better learning outcomes and achievement. They are encouraged to Participate in technical events like paper presentations, poster presentation Webinars, Quiz & mini projects

**Initiatives for Slow Learners:**

Industry-oriented Guest Lectures are being conducted for slow learners. Grouping them along with advanced learners in laboratory classes to get peer counselling and learning; providing special emphasis through mentors to overcome the learning difficulties.

File Description	Documents
Paste link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%202/2.2.1.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%202/2.2.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
1251	103

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

### 2.3 - Teaching- Learning Process

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

Our CKCET offers a setting that focuses on student learning outcomes and involves students as partners to make the teaching-learning process successful and enjoyable.

**Experiential learning:**

Students engage in real-world experiences through industry partnerships, internships, and innovation initiatives. They participate in hands-on workshops, science fairs, and competitions. Practical components are integrated into courses, with opportunities for experiential learning like field visits and case study presentations. Centers of Excellence and project expos enrich their

learning journey.

#### Participative learning

The organization promotes student engagement through workshops, seminars, and conferences, facilitating networking and industry insights. Class activities enhance technical and communication skills. Interdisciplinary exploration is encouraged via electives and expert interactions. Diverse teaching methods deepen understanding. Assessment methods include presentations and feedback mechanisms. Guest lectures supplement curriculum with real-world perspectives.

#### Problem-solving methodologies:

Instructors emphasize problem-solving, fostering collaboration through group discussions. The R&D Cell connects student curiosity with faculty research, enabling further engagement. Hackathons showcase student talents in tackling challenges. Various activities like software competitions and tutorials enhance critical thinking. Research and club engagements offer hands-on learning. Project contests showcase innovation and creativity.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%20/2.3.1.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%20/2.3.1.pdf</a>

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

The institute facilitates Teachers uses various ICT tools to enhance the teaching-learning process. Smart Classrooms feature digital displays, whiteboards, and audio/visual components for interactive learning. LCD projectors facilitate presentations and access to online resources like NPTEL videos.

Google Classroom streamlines course material distribution and assessment via online platforms. Mobile learning via WhatsApp groups fosters communication and resource sharing among faculty and students.

Video conferencing tools like Zoom and Google Meet enable remote

classes, webinars, and expert lectures. Teachers receive training to effectively utilize these tools, ensuring seamless integration into teaching practices.

Additionally, they leverage multimedia resources to engage students and enhance comprehension. The institution's NPTEL Local Chapter further enriches learning by offering e-learning courses and resources.

The faculties are trained to use the ICT enable tools for teaching. The course teacher mentions the specific ICT tools in the lesson plan itself he/she intends to use while delivering lectures.

These ICT initiatives not only improve teaching effectiveness but also cater to diverse learning styles and facilitate access to educational materials. They empower both faculty and students to adapt to evolving educational needs and enhance the overall quality of the learning experience.

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

### 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

103

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

## 2.4 - Teacher Profile and Quality

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

103

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

#### 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

25

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

#### 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

535.9

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

## 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.

Our institution provides two Descriptive Continuous Assessment and a model exam, both the exams will be held for 100 marks about 3 hours. As per the instructions given by the CEO of Anna University, for the DCA exam and for the Anna University exam the following were followed in our institution:

At the beginning of each semester, an academic calendar is created, outlining the dates for DCA exams, and is prominently displayed on department notice boards. This enables students to plan their schedules accordingly. Well in advance, students receive notifications about the dates and timetable for internal assessments, including laboratory courses, seminars, summer internships, and projects.

To ensure fairness and variety, individual subject coordinators are tasked with preparing two sets of question papers, each totaling 100 marks. These question papers must be submitted to the exam cell one week before the exam. The decision on which set of question papers to use is finalized by the exam cell.

The pattern of questions paper is as follows:

Part A :  $10 \times 2 = 20$  mark

Part B :  $5 \times 13 = 65$  mark

Part C :  $1 \times 15 = 15$  mark

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%202/2.5.1.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%202/2.5.1.pdf</a>

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

The college has established a comprehensive mechanism for addressing grievances related to both internal and external evaluations. For internal assessments, students have the opportunity to review their assessed internal test papers for self-assessment. If any grievances arise during this process, students can directly interact with the respective teacher for resolution. Unresolved issues are then escalated to the Exam Cell through the Head of the Department.

In accordance with university norms, the redressal methods for grievances related to university assessments include the right to apply for the verification of answer books, the right to apply for verification with a photocopy of answer books, and the right to challenge the evaluation of answer books. Students can apply to the university within 21 days from the date of the declaration of the examination result for verification of their answer book marks.

While the application form for photocopy and verification of answer books is provided to students, it must be duly filled and submitted to the College Principal within 12 days from the date of the declaration of general results.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AOAR%202022-23/Criteria%202/2.5.2.pdf">https://ckcet.edu.in/wp-content/uploads/AOAR%202022-23/Criteria%202/2.5.2.pdf</a>

## 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.

All programmes offered by the institution have vision and mission in line with the institutions vision and mission considering the local, regional, national and global development and sustainable needs and providing service to the society. Program Educational Objectives (PEO), Program Outcomes (PO), Programme Specific Outcomes (PSO) and Course Outcomes(CO) of the all programmes are prepared, reviewed, analysed and modified as per the feedback from all stake holders and suggestions from academic and industry experts through department faculty meeting Alumini meet, senior alumini reunions and interactions provide state of art advancements for the curriculum development.

Methods of dissemination of PO and CO: PEO, PO ,PSO and CO are clearly specified and published through following manner : Can be accessed through Institute's website Department display and notice boards Through Orientation programmes and Tutor ward meetings. Course plan ISO documents Institution web link entry. The significance of learning outcomes will be highlighted to the instructors during the Department meeting. The course outcomes, in general, focus on the student's readiness for placements, higher education, research, entrepreneurship, and competitive examinations.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%20/2.6.1.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%20/2.6.1.pdf</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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

CKCET has implemented an outcome-based education system to ensure that CO and PO are met. The objective and outcomes are effectively mapped for student testing and evaluation, ensuring that PSO are achieved through competency mapping in terms of knowledge and skills. Learning Outcomes of the student are assessed through Descriptive Continuous assessment (DCA) and Semester End examination (SEE). Data are collected from test, assignment presentation, tutorial and SEE.

Direct Assessment methods includes:

Descriptive Continuous Assessment -Test I,II,III

Assignment presentation Assessment tutorial I,II Objective test I,II Laboratory performance assessment -pre and post lab test, viva voce, test etc., Internship/innovation practice/Industry visit student team presentation Semester End examination

Indirect Assessment methods includes : Course exit survey Student feedback Alumni survey Employer survey Co-curricular activities Extracurricular activities The programme outcomes are evaluated and the PO attainment level is determined, In outcome-based education, a feedback system and intermediate feedback is employed to improve the teaching-learning process.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%20/2.6.2.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%20/2.6.2.pdf</a>



**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****244**

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://ckcet.edu.in/wp-content/uploads/AOAR%202022-23/Criteria%20/2.6.3.pdf">https://ckcet.edu.in/wp-content/uploads/AOAR%202022-23/Criteria%20/2.6.3.pdf</a>

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

<https://ckcet.edu.in/wp-content/uploads/AOAR%202022-23/Criteria%20/2.7.1.pdf>

**RESEARCH, INNOVATIONS AND EXTENSION****3.1 - Resource Mobilization for Research****3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)****3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)****0.225**

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

**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**

02

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

**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**

3

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://acesse.dev/Dicvm">https://acesse.dev/Dicvm</a>

**3.2 - Innovation Ecosystem**

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

The Institute has created an ecosystem for research and innovation by developing desirable human resources for knowledge creation and dissemination to students and faculty through cells like Research and Development Cell(R&D), Student Innovation Club(SIC), Intellectual Property Rights and Product Development Cell(IPR&PDC), Entrepreneurship Development Club(EDC).

The R&D cell engages in publications and research grants. Published 53 research papers in reputed journals, received grants of Rs.22,500/-from government organizations.

The SIC highlights the importance of student innovation. Students

certified and won prizes at different colleges. Received Rs.1,00,000/- from AICTE under Scheme for Promoting Interest, Creativity and Ethics among Students .

The IPR&PDC was established to protect intellectual property, promote innovation, and support the development of products based on research. Around 11 Patents were published.

The EDC was set up to improve the student community and society and comprises students from all disciplines. Around 13 programs conducted.

CKCET established CK Technology Business Incubator with the support of Anna University Incubation Centre to nurture Innovation, Incubation, and Start-ups.

The IIC was established to provide students with innovation and entrepreneurship-focused ecosystem. 66 activities were conducted, rated 3.5 stars.

Center of Excellence on TVSHarita, National Instruments Lab, IoT lab have helped our students develop innovative projects in various domains.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%203/3.2.1.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%203/3.2.1.pdf</a>

**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**

22

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 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

0

File Description	Documents
URL to the research page on HEI website	<a href="https://ckcet.edu.in/rd-cell/">https://ckcet.edu.in/rd-cell/</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 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

53

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

#### 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

58

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 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

C.K. College of Engineering & Technology seeks not only at providing excellence education for achieving desired proficiency but also offer opportunities for holistic progress of the students building them responsible citizens. The following extension activities were organized during the year 2022-2023:

1. **Blood donation camp:** Blood donation camps are vital events that bring communities together to contribute to a life-saving cause. This program was organized to create awareness about the importance of donating blood, saving countless lives. The selfless act of donating blood helps replenish supplies for medical emergencies, surgeries, and treatments, fostering a healthier society.
2. **Yoga for health and well being:** The yoga initiative was a well-organized and directed effort aimed at enhancing physical, mental, and spiritual well-being via yoga practice. Certified yoga instructors lead participants, emphasizing correct alignment and breathe control during various poses and techniques.
3. **NSS Special camp:** The National Service Scheme of CK College of Engineering & Technology, Cuddalore has organized the "NSS Special Camp" on the theme "Swatch Bharath" in Sirupalaiyur village. A team of 50 students and faculty team set out for the 7 day camp, planned with different events at various places and executed them properly.

File Description	Documents
Paste link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%203/3.4.1.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%203/3.4.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

### **3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year**

#### **3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year**

1

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

### **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**

8

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

### **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

8

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 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

63

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

#### 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

06

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

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

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

One of CKCET's distinctive features is the modern facility it provides to both students and educators. The college has more administrative and academic facilities than what AICTE requires. The college is equipped with sufficient lecture halls, labs, drawing rooms, seminar rooms, common rooms and smart rooms. Additionally, the campus is strengthened by a range of facilities, including auditoriums, magnificent open spaces, outdoor stages that support varied activities. One standout feature of CKCET is the excellently planned and substantial facilities provided for both students and professors. An ideal learning environment is created by carefully balancing technological integration, physical infrastructure, flexibility, accessibility, collaborative spaces, and sustainability. The academic blocks of the CKCET are A, B, D, and G BLOCKS each of which is highly specialized in its field of study. Each of these unique blocks is made to be equipped with the lab necessities and to provide the perfect setting for educational and research activities that aid in the student's practical training. The thoughtfully constructed smart classrooms are outfitted with everything needed for a relaxing learning environment. Dr. Hema Chinni Krishna hall, which is commonly utilized by students, is quite remarkable.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%204/4.1.1.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%204/4.1.1.pdf</a>



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

The physical education and sports facilities readily accessible to CKCET students help them stay in shape and foster a spirit of competition. Games like chess, table tennis, and carrom are provided in indoor sports facilities to help students develop their hidden talents. Numerous outdoor sports, including shotput, discus throw, javelin throw, cricket, volleyball, track, kabaddi, football, and others are all practiced in separate, vast playgrounds with the appropriate sporting equipment. Sports competitions are organized periodically to assess how athletes' performance evolves over a period of time. The college has the necessary facilities to host cultural events. The students participate in a variety of inter- and intra-college events at the national and college levels. The institution organizes annual celebrations that feature cultural events like singing, dancing, mime, and theater, which are attended by students from many institutions. The college honors its top performers with prizes each year. The college also has a yoga and meditation room to help its employees and students retain their inner peace. Additionally, the college provides students access to the most advanced exercise equipment so they can maintain their physical well-being.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%204/4.1.2.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%204/4.1.2.pdf</a>

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

34

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%204/4.1.3.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%204/4.1.3.pdf</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 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)

615.94

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

The Central Library of CKCET stands at the forefront of modernization, employing an advanced Integrated Library Management System known as My Class Board. This comprehensive ILMS seamlessly integrates, Library Maintenance, Circulation, and OPAC Modules, providing a well-rounded solution for efficient library operations.

The user management module supports the management of user profiles including students, staff and faculty. And it gives the personalized access for the library resources. Circulation modules manage the seamless flow of materials within the library, facilitating easy issue, return and renewal processes. The overdue or the fine module monitors the late returns and fines.

The ILMS, My Class Board offers the notification and alerts service to the user reminding resource due dates, overdue and the reservation items. The OPAC modules, marked by their user-friendly interface, redefine the user experience by simplifying access to library services. This digital oasis extends to real-time visitor registration, enhancing the library's responsiveness.

The reporting and analytical structure of this ILMS offer customization reports on the various aspects, namely circulation, users, and library resource statistics.

The ILMS My Class Board, revolutionizes the library landscape, offering a digital environment for both management and users. Its serials control and administration modules empower librarians to maintain a meticulous catalogue of resources. The result is a dynamic library system that not only embraces technological advancements but also prioritizes user accessibility, ultimately fostering a more enriching and efficient library experience for all stakeholders.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%204/4.2.1.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%204/4.2.1.pdf</a>

**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**

D. Any 1 of the above

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

**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)**

**5.99431**

File Description	Documents
Any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**4.2.4 - 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**

305

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

**4.3 - IT Infrastructure****4.3.1 - Institution frequently updates its IT facilities including Wi-Fi**

The IT infrastructure is a crucial resource for facilitating teaching, learning, and administrative activities in Engineering Colleges. CKCET IT facilities employ a specialised team of IT Management (ITM) personnel. ITM consists of system administrators and network maintenance in-charges who are responsible for overseeing the complete IT infrastructure. ITM regularly updates computer hardware, software, networking, and internet resources as needed. The ITM plans a maintenance programme and commences work in strict adherence to it. Furthermore, it undertakes responsibility for performing updates or maintenance whenever the departments or management require it. The ITM team periodically enhances the systems configurations, recent up gradation being i7 and i5 processors with RAM capacity up to a maximum of 16 GB and replaces the hard drives with SSD variants. The institution possesses a broadband connection at a boasting speed of 245 MBPS. The provision of the Wi-Fi facility 24x7 is advantageous for both Students and Faculty in the campus.

The computer systems undergo regular upgrades. The essential

softwares are obtained and the licence are renewed in accordance with the curriculum revisions. To enhance internet connectivity, the bandwidth capacity is being upgraded. The campus is furnished with Wi-Fi, and it undergoes frequent enhancements. For improved security, firewall and antivirus softwares have been installed.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%204/4.3.1.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%204/4.3.1.pdf</a>

#### 4.3.2 - Number of Computers

475

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

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

A. ? 50MBPS

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

#### 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)

243.56

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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.

**Laboratory:** The institution prioritizes safety and functionality through regular maintenance and safety checks. These assessments, covering electrical components and moving parts, prompt immediate action to maintain a high standard of functionality, reliability, and safety.

**Library:** Efficient book circulation and membership management is ensured through an automated system (MCB) in the library. An annual stock verification process removes damaged or outdated books, maintaining a relevant and organized collection.

**Sports Facilities:** Routine cleaning, periodic inspections, and necessary repairs, including anti-rusting treatments, are conducted to uphold the longevity and safety of sports equipment in the well-maintained sports facilities.

**Information Technology:** Computer maintenance and upgrades are handled by the team, with lab assistants supervised by the system administrator ensuring day-to-day operations. This ensures a seamless and well-maintained computing infrastructure.

**Classroom Management:** A dedicated maintenance committee, with the Head of Department communicating requirements to the Principal. Smart classrooms, integrating audio-visual tools and educational technologies, elevate the learning environment.

Adequate financial provisions from the institution's development fund support academic and physical facility maintenance and repair.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%204/4.4.2.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%204/4.4.2.pdf</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

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

##### 5.1.1.1 - Number of students benefitted by scholarships and free ships provided by the Government during the year

1242

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

#### 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 benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

241

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

**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	<a href="https://ckcet.edu.in/wp-content/uploads/AOAR%202022-23/Criteria%205/5.1.3.pdf">https://ckcet.edu.in/wp-content/uploads/AOAR%202022-23/Criteria%205/5.1.3.pdf</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

**1237**

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

**1237**

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

**5.1.5 - The Institution has a transparent**

**A. All of the above**



**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**

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

## 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

165

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

### 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

11

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>

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

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

02

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

**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.**

12

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

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 )

Students of CK COLLEGE OF ENGINEERING and TECHNOLOGY have been blessed enough, because the college provides various opportunities for the welfare of the students to outshine in other fields apart from academics. Every year nearly 90 % of the students are placed in these reputed organizations. The students are also exposed to the new version of soft skills to develop the language and career development skills. Research activities are also encouraged by the R&D cell and so many students have been successful in their respective research field. The students are also member in IQAC. Further, to solve their problems in academics, class committee meetings are conducted periodically. As well, the students actively participate in HAKTHON, INNOTHAN, SYMPOSIUM, WORKSHOPS and have proved their talents by winning many awards. International conference has also been conducted and the students have also actively participated in stress free programmes and Yoga programmes in order to have stress - free life. NSS, NCC and YRC committees are organized in order to make the students to excel in these fields and thus, every year, students participate actively in these committees in order to serve the society.

File Description	Documents
Paste link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%205/5.3.2.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%205/5.3.2.pdf</a>
Upload any additional information	<a href="#">View File</a>

**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**

68

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

**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 CK College of Engineering and Technology's Alumni Association, registered under Tamil Nadu Act 27 of 1975, was inaugurated in November 2016 with Shri C.K Ranganathan, Chairman of CK Groups of Institutions, in attendance. Over fifteen alumni meetings have since been held, boasting remarkable attendance and alumni involvement.

The association actively contributes to the institute's development through following initiatives:

**Book Donation:** Alumni enrich the library by generously donating books.

**Alumni Interaction:** Through guest lectures and panel discussions, alumni share expertise and industry insights with current students.

**Placement & Career Guidance:** Alumni update faculty and placement officers on job openings and offer guidance to students, enhancing career prospects.

**Campus Recruiters:** Alumni aid in campus placements and promote the institute to their employers.

**Summer Internship Opportunities:** Alumni provide internships, enabling practical experience for students.

**Entrepreneurship Awareness:** Successful alumni entrepreneurs share experiences and expertise, inspiring aspiring students.

**Alumni Meet:** Reconnect events facilitate networking and insights exchange.

**Promoting Institute Events:** Alumni actively engage in event planning and branding, ensuring the association's success.

**Institute Social Responsibility:** Collaborating with CKCET, alumni participate in social initiatives, benefiting the community through donations.

Such alumni involvement underscores their commitment to the institute's success and student welfare.

File Description	Documents
Paste link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%205/5.4.1.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%205/5.4.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

**E. <1Lakhs**

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

## **GOVERNANCE, LEADERSHIP AND MANAGEMENT**

### **6.1 - Institutional Vision and Leadership**

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

Our CK College of Engineering & Technology places significant emphasis on the welfare and growth of its staff members. To ensure their satisfaction and retention, we offer competitive salaries and regular increments based on their qualifications, experience, and performance, thereby motivating and retaining talented educators. Understanding the importance of health and well-being, the college provides comprehensive health insurance coverage for faculty members and their families through ICICI Lombard General Insurance Pvt. Ltd, encompassing medical expenses, hospitalization, and emergencies.

Encouraging professional development is a priority, and faculty members are financially supported in participating in workshops, seminars, and conferences to enhance their skills and knowledge. To support faculty members in handling their duties, we provide Child Daycare facilities. Additionally, recreational spaces have been established on campus to well-being of our faculty. To ensure the excellence in teaching and research, institute implemented performance-based incentives for the staff members to recognize and reward their outstanding contributions. Addressing personal or professional challenges, we have established Employee Assistance Programs (EAPs) providing counseling services, stress management programs through CKPL. Supporting research endeavors, we offer research grants and funding opportunities to encourage faculty members to conduct cutting-edge research and publish scholarly work. Moreover, travel grants are provided to facilitate their participation in conferences and collaboration with international institutions.

File Description	Documents
Paste link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%206/6.1.1.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%206/6.1.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Our institution places a strong emphasis on effective management and administration, which is achieved through decentralization and participative decision-making involving all stakeholders. The management firmly believes in granting independence to employees across all areas of the decision-making process, fostering a sense of ownership and responsibility among the staff.

The college administration serves as the backbone of our institution, dedicated to providing quality education to society. Ensuring smooth functioning in areas like admissions, account and finance, evaluation, supervision, and maintenance is a priority for the management.

Our faculty members maintain healthy relationships with students, colleagues, and the community. They execute policies and programs with accuracy and constructiveness, representing ethical values and professionalism in education.

Departments are instrumental in delivering academic excellence across all activities. The respective heads and department members align their roles and responsibilities with the institution's vision and mission to take the institution to the next level. Detailed action plan is provided well in advanced for every individual in the institution.

Additionally, our institution has established various committees and cells to ensure efficient management and administration. Through these cells and clubs various activities carried down for the skill enhancement of the students. Our institution continues to strive for excellence in all aspects of education and administration. We value the contributions of all stakeholders and remain committed to providing a nurturing and innovative learning environment for our students and staff alike.

File Description	Documents
Paste link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%206/6.1.2.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%206/6.1.2.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

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

The Institution has developed a strategic plan and adopted for an improvement of the institution are as follows;

#### Implementation

- Adopting 5 villages under Unnat Bharat Abhiyan
- Configuration of Alumni association to increase their participation

#### Strategic Plan 2022-23

- To establish Memorandum of Understanding with various organizations for skill development training.
- To raise funds for various centres of excellence through various funding organizations
- To conduct skill oriented training programmes like drone, IoT, AI, etc. through various centres of excellence
- To identify and train the youth from rural areas in sports activiti

- Motivate all the Faculty to enroll PhD on 2022 or qualified NET /SLET on 2022
- To Improve the employability skills of the students
- To encourage the students participating in co-curricular/ extracurricular activities
- To encourage the Faculty for Paper publishing & UGC approved national and international journal Publishing
- Ensuring Training and Placement Committee guiding the students to enhance their skill development for their successful career placements.
- Faculty members are encouraged and guided to submit the research project proposals to various funding agencies.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AOAR%202022-23/Criteria%206/6.2.1.pdf">https://ckcet.edu.in/wp-content/uploads/AOAR%202022-23/Criteria%206/6.2.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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 institution has instituted three distinct ranks for its faculty members: Professor, Associate Professor, and Assistant Professor. Attainment of the position of Professor necessitates possession of a Ph.D. along with fulfillment of additional academic prerequisites as stipulated by the AICTE. The remuneration framework for faculty members and librarians is delineated into two salary bands, each encompassing varying levels of Academic Grade Pay (AGP) to facilitate professional advancement.

Associate Professors within technical institutions are situated within the pay band ranging from Rs. 37,400 to Rs. 67,000, with an AGP of Rs. 9,000, while Assistant Professors fall within the pay band of Rs. 15,600 to Rs. 39,100, accompanied by an AGP of Rs. 6,000. Appointment to these positions is contingent upon meeting specific criteria, encompassing both experience and academic performance. The faculty recruitment process encompasses advertising vacancies online, scrutinizing applications, conducting interviews, and extending offers of appointment. Newly recruited personnel undergo a probationary period lasting six months, with the possibility of extension for an additional year. The retirement age



is established at 60 years.

Employment conditions mandate adherence to institutional policies, commitment to full-time engagement, preservation of confidentiality, and compliance with established norms and regulations. Resignation necessitates prior notification, while termination may be effected with or without notice in cases of misconduct. In its entirety, the institution offers a transparent and structured remuneration system and service framework for faculty members and librarians, with the overarching goal of fostering academic development and facilitating career progression based on performance.

File Description	Documents
Paste link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%206/6.2.2.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%206/6.2.2.pdf</a>
Link to Organogram of the institution webpage	<a href="https://ckcet.edu.in/wp-content/uploads/OrganizationChart2023-24.pdf">https://ckcet.edu.in/wp-content/uploads/OrganizationChart2023-24.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

## 6.3 - Faculty Empowerment Strategies

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

At CK College of Engineering & Technology, we prioritize the well-being and professional development of our staff members. To enhance

their satisfaction and retention, we provide competitive salaries and regular increments based on qualifications, experience, and performance, aiming to motivate and retain skilled educators.

Recognizing the importance of health, we offer comprehensive health insurance coverage through ICICI Lombard General Insurance Pvt. Ltd, encompassing medical expenses, hospitalization, and emergencies for faculty members and their families.

We provide financial support for the faculty members to participate in workshops, seminars, and conferences, thereby enhancing their skills and knowledge. Child Day care facilities are provided to support faculty members in managing their responsibilities, while recreational spaces on campus promote their well-being. To ensure excellence in teaching and research, we have introduced performance-based incentives to recognize and reward outstanding contributions.

In addressing personal or professional challenges, we have established Employee Assistance Programs (EAPs) offering counseling services and stress management programs through CKPL. Supporting research endeavors, we offer research grants and funding opportunities to encourage faculty members to conduct innovative research and publish scholarly work.

File Description	Documents
Paste link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%206/6.3.1.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%206/6.3.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

### **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**

61

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

### **6.3.3 - Number of professional development /administrative training 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**

**63**

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<a href="#">View File</a>
Reports of Academic Staff College or similar centers	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

### **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**

**103**

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

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

The Appraisal Policy at CK College of Engineering & Technology endeavors to establish a fair, transparent, and efficient system for assessing employee performance within our esteemed institution.

The policy encompasses various appraisal criteria tailored to individual roles at the college, including Teaching Performance, Research and Publications, Academic Leadership, Professional Development, and Service to the Institution. The appraisal process involves a comprehensive evaluation, incorporating self-assessment, appraiser evaluation, and 360-degree feedback, culminating in an appraisal meeting for discussion.

Appraisal ratings categorize performance levels, spanning from Outstanding and Commendable to Satisfactory, Needs Improvement, and Unsatisfactory. Employees receiving a "Needs Improvement" rating will receive support through a Performance Improvement Plan (PIP).

Salary increases and promotions will directly correlate with appraisal ratings and available vacancies, giving priority to employees with higher performance ratings. The policy will undergo regular reviews to ensure its efficacy and alignment with the college's objectives. Overall, the goal of this appraisal policy is to cultivate a positive and constructive work environment that fosters professional development and acknowledges excellence while contributing to the continuous advancement of our institution.

File Description	Documents
Paste link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%206/6.3.4.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%206/6.3.4.pdf</a>
Upload any additional information	<a href="#">View File</a>

#### 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly 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 college is a privately self-financed institution and relies solely on tuition fees as its primary revenue source, adhering to the fee structure mandated by the State Government.

To supplement finances, various fund-generating initiatives are in place, such as online examinations and department-level consulting activities. The annual budget is prepared considering departmental needs, infrastructure development, technology requirements, and routine expenditures like salaries and promotions.

The Executive Director, holding financial and administrative powers, scrutinizes expenditure proposals submitted by department heads before presenting a consolidated budget to the Management for approval. Coordinators of various cells also submit budgets through the principal. Approved funds are utilized for academic and administrative expenses, with a significant proportion allocated to staff remuneration. Adequate funds are earmarked for infrastructure development and maintenance, including repairs and security.

Financial transactions follow a structured approval process, and deferred expenditure management is employed during constraints. Regular audits conducted by internal and external auditors ensure financial transparency and compliance. Audit reports guide subsequent actions, ensuring financial accountability and integrity.

File Description	Documents
Paste link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%206/6.3.5.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%206/6.3.5.pdf</a>
Upload any additional information	<a href="#">View File</a>

**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)**

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

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

Our college operates as a privately self-financed institution, relying primarily on tuition fees as its main source of revenue, in accordance with the fee structure mandated by the State Government.

College implements various initiatives to generate funds, such as online examinations and consulting activities, funding proposals activities & Funds are being raised through the Unnath Bharat Abhiyan for the enhancement of institutions development and departmental level.

The annual budget is meticulously crafted, taking into account the diverse needs of different departments, infrastructure enhancements, technological requirements, and routine expenses like salaries and promotions.

The Executive Director, endowed with financial and administrative powers, thoroughly examines expenditure proposals from department heads before submitting a unified budget to Management for endorsement.

Once approved, the allocated funds are utilized for both academic and administrative expenses, with a significant portion earmarked for staff remuneration. Adequate resources are set aside for infrastructure development and maintenance, encompassing repairs and security measures. Financial transactions adhere to a structured approval process. Regular audits, conducted, ensure financial

transparency and compliance. Audit reports play a pivotal role in guiding subsequent actions, reinforcing financial accountability and integrity within the institution.

File Description	Documents
Paste link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AOAR%202022-23/Criteria%206/6.4.1.pdf">https://ckcet.edu.in/wp-content/uploads/AOAR%202022-23/Criteria%206/6.4.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 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

The Internal Quality Assurance Cell (IQAC) at CK College of Engineering and Technology (CKCET) plays a crucial role in ensuring the institution's commitment to quality enhancement and continuous improvement. Established in alignment with the guidelines provided by the National Assessment and Accreditation Council (NAAC), the IQAC at CKCET functions as a proactive body, steering the institution towards excellence in various domains.

The IQAC at CKCET actively engages in strategic planning to identify areas of improvement. By aligning institutional goals with the guidelines set by NAAC, the IQAC ensures a focused approach to continuous enhancement.

Regular Academic and Administrative Audits (AAA) are conducted by the IQAC to assess the performance of academic and administrative processes. This systematic evaluation, in accordance with NAAC guidelines, aids in identifying strengths and weaknesses, providing insights for targeted improvement efforts.

The IQAC has played a pivotal role in setting up effective feedback mechanisms that engage students, faculty, and various stakeholders. The collected feedback is in accordance with NAAC's focus on incorporating diverse stakeholder perspectives, fostering an iterative process of continuous improvement.

To Acknowledge the critical significance of faculty members and professional competencies in achieving academic excellence, the IQAC arranges workshops, seminars, FDPs and training programs which ensures their continued expertise in their respective fields.

The IQAC actively encourages and supports research and innovation within CKCET. The cumulative efforts of the IQAC have led to the institutionalization of a quality-driven culture at CKCET.

File Description	Documents
Paste link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AOAR%202022-23/Criteria%206/6.4.3.pdf">https://ckcet.edu.in/wp-content/uploads/AOAR%202022-23/Criteria%206/6.4.3.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

**IQAC being the central body within the college monitors and review the teaching-learning process regularly.**

**Academic Calendar:** Based on the University Academic Calendar the Institute schedules the academic calendar well in advance at the start of the year with ample time frame and to accommodate the various events like seminar/ guest lecture/ workshops/ FDP's/ Hands-on-series.

**Preparation of lesson plan for each Semester:** The lesson plan is prepared by the faculty members for all the subjects they teach in that semester. Enriching the curriculum with guest lectures, industrial visits, and Internships.

**Evaluation of teachers by students:** The institution has a feedback system to evaluate the teachers by students. The regular evaluation of the teachers by the students, feedback on teaching methodologies, course delivery, attitude, strengths and weaknesses and takes appropriate corrective actions.

**Student learning outcomes:** The institute monitors the performance of the students regularly. It has specified procedure to collect and analyse data on student learning outcomes such as

- Regular class tests and interactions
- Semester system of examination for all courses.
- Providing Notes & Question bank of various subjects to the students.
- Timely Redressal of students' grievances.
- Extra classes for weak students to solve their problems.



File Description	Documents
Paste link for additional information	<a href="https://ckcet.edu.in/wp-content/uploads/AOAR%202022-23/Criteria%206/6.5.1.pdf">https://ckcet.edu.in/wp-content/uploads/AOAR%202022-23/Criteria%206/6.5.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

**A. All of the above**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://ckcet.edu.in/wp-content/uploads/AOAR%202022-23/Criteria%206/6.5.3.pdf">https://ckcet.edu.in/wp-content/uploads/AOAR%202022-23/Criteria%206/6.5.3.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## **INSTITUTIONAL VALUES AND BEST PRACTICES**

### **7.1 - Institutional Values and Social Responsibilities**

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

CK College of Engineering and Technology in Cuddalore took significant steps in promoting gender equity during 2022-23. CKCET implemented an Equal Pay Policy to ensure fair compensation regardless of gender. Gender Representation in Administration was prioritized with three out of six departments led by women, Excluding HR and Physical Education. A dedicated Women Development Cell organized various activities and awareness programs to empower female students and faculty members. Facilities like separate common rooms were provided for women's privacy and comfort, especially

during illness. Campus Security was strengthened through comprehensive CCTV surveillance and designated security personnel to monitor and address safety concerns. Additionally, self-defense coaching was offered to interested female students, further enhancing personal safety. A robust Grievance Redressal Mechanism was established to support individuals facing gender-related issues, fostering a supportive and inclusive environment. These measures collectively aimed to ensure equal opportunities and safety for individuals of all genders within the institution.

File Description	Documents
Annual gender sensitization action plan	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%207/7.1.1-1.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%207/7.1.1-1.pdf</a>
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	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%207/7.1.1-2.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%207/7.1.1-2.pdf</a>

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

**Solid Waste Management:**

Solid waste management encompasses the collection, treatment, and disposal of materials that are no longer needed. Adequate disposal methods are essential to prevent pollution and preserve the environment. The Institution upholds these standards by providing separate bins for biodegradable and non-biodegradable waste, along

with incinerators facilities for sanitary napkin disposal in girls' restrooms. The proactive waste management practices of the institute prioritize composting, recycling, and eco-friendly approaches, contributing to a more sustainable campus environment for everyone.

**Liquid Waste Management:**

The composted waste is utilized for gardening and agricultural purposes.

**Biomedical Waste Management:**

CKCET is not involved in any kind of biomedical work and does not require any biomedical waste management.

**E-Waste Management**

The college gathers electronic waste and transforms it into visual representations or images and entrusts it to Muk Enterprise, Chennai for efficient recycling.

**Waste Recycling System**

The recycling system promotes sustainability by creatively repurposing waste: paper for artistic endeavors, ruled sheets transformed into notebooks for underprivileged students, and corrugated boxes upcycled into dustbins.

**Hazardous chemicals and radioactive waste management.**

The institute does not involve in activities related to hazardous chemicals and radioactive substances.

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

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

A. Any 4 or all of the above

**of water bodies and distribution system in the campus**

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

**7.1.5 - Green campus initiatives include**

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

- 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	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

**7.1.6 - Quality audits on environment and energy 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	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	No File Uploaded
Any other relevant information	<a href="#">View File</a>

<p><b>7.1.7 - The Institution has 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</b></p>	<p>A. Any 4 or all of the above</p>
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File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	<a href="#">View File</a>

<p>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).</p>
<p>Our Institution provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. The college promotes the harmony towards each other by organizing various activities like sports meet, cultural activities inside the college. The initiatives</p>

are to promote better education, economic upliftment of the needy and setting communal harmony.

Celebratory days like Women’s Day, International yoga day, Republic Day, Independence Day, Engineer’s Day, Teacher’s Day along with many regional festivals like Community Pongal, Dasara, Diwali, Christmas, Bakrid are celebrated in the college. This establishes positive interaction among people of different racial and cultural backgrounds. There are different grievance redressal cells in the institute like Student grievance redressal cell, Women grievance redressal cell which deal with grievances without considering anyone’s racial or cultural background. Institute mandates universal adherence to codes of ethics for students, teachers, and employees, regardless of cultural differences.. Blood donation camp is annually organized at CK college of Engineering and Technology in association with Government Hospital of Cuddalore, where students, faculty and staff contributed voluntarily by donating blood for the noble cause of serving society and proudly adorn the badge of a blood donor.

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

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

CK College of Engineering and Technology emphasizes the constitutional obligations of values, rights, duties, and responsibilities of citizens. Republic Day and Independence Day celebrations remind students and employees about the country's struggle for freedom and the importance of respecting the National Flag and Anthem. Various academic and co-curricular activities, such as blood donation camps and road safety awareness, sensitize students about their rights and duties as Indian citizens.

Moreover, the college introduced the WIN@LIFE class, focused on improving students' goals and understanding their values and habits. Storytelling and motivational tools are utilized to inspire students in various areas of life.

The college also organized a Voters Awareness Campaign, featuring interactive workshops and seminars to promote informed and

responsible participation in the democratic process. The campaign educated participants about voting rights, electoral procedures, and the role of citizens in shaping the nation's future.

CK College of Engineering and Technology fosters a socially responsible and informed community by instilling constitutional values, encouraging innovation, and promoting active citizenship through various educational initiatives and campaigns.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%207/7.1.9.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%207/7.1.9.pdf</a>
Any other relevant information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%207/7.1.9.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%207/7.1.9.pdf</a>

**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	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

**C.K. College of Engineering and Technology organizes various**

programs along with students and Faculty members. It also Compares rates of the birth and Death of Great Indian Personalities. We used to plant new trees inside our college campus as an event of celebration and also promote Environmental awareness and Cleanliness programs.

One of the most important events that we celebrate is National Engineers Day on September 15, 2022. To celebrate the most Esteemed Indian Engineers, Bharat Ratna M. Visvesvataya. In 2022, the students were used to effectively manage the E-waste product into an Art, the students used the microcomputer waste particles and made an India Map. And effectively enjoyed the Engineers Day. Teachers' Day September 5, is celebrated as an Honor to Dr. Radha Krishnan and is another occasion in C.K. College. The Teaching community people were honored on the day for their service and contribution to the Students, Small fun Activities were conducted for the Faculties and the Best was awarded.

Independence Day is celebrated on August 15, on College Premises with the Active Participation of Students and Faculty members of C.K. College of Engineering and Technology. Flag Hoisted by The Executive Directors of Our Institution.

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

## 7.2 - Best Practices

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

### Students Innovation Club (SIC)

The Students Innovation Club (SIC) at CK College of Engineering and Technology fosters innovation among students by providing a platform to understand and implement engineering concepts. It promotes interdisciplinary networks, interactions with professionals, and participation in external competitions. Invitations for various events are circulated through department coordinators, and interested students submit proposals through faculty guides.



Shortlisted students are facilitated for participation, mentored by faculty, leading to numerous successes including awards and championships. Challenges include managing high student interest with limited opportunities, yet the club remains committed to nurturing creativity.

#### Invest in Yourself (IIY)

The Invest in Yourself (IIY) initiative focuses on enhancing professional growth and skill development beyond standard engineering curriculum for students and faculty. By promoting learning of recent advancements, IIY aims to bridge the gap between academia and industry, facilitating better career opportunities, product development, and innovation. Participants are encouraged to take online courses, form groups for mentorship, and engage in research. The institution's collaboration with NPTEL, IIT Madras, and monitoring mechanisms ensure active learning. Success is evidenced through certifications, product development, startups, and faculty research publications. Challenges include time constraints, yet IIY remains instrumental in fostering continuous learning and advancement.

File Description	Documents
Best practices in the Institutional website	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%207/7.2.1.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%207/7.2.1.pdf</a>
Any other relevant information	<a href="https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%207/7.2.1.pdf">https://ckcet.edu.in/wp-content/uploads/AQAR%202022-23/Criteria%207/7.2.1.pdf</a>

### 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 "win@life" program at CK College of Engineering and Technology serves as a comprehensive framework nurturing students' personal and professional development. Central to its ethos is the cultivation of core values essential for success in various facets of life. Throughout the academic year, the program emphasizes respect, encouraging students to value and uphold dignity towards peers, faculty, staff, and the wider community. Integrity and ethical behavior are instilled through workshops and case studies, guiding students to make morally sound decisions in academic and personal realms. Moreover, the program fosters a culture of innovation by

engaging students in projects and competitions, fostering creativity and problem-solving skills. Emotional intelligence is honed through interactive sessions, facilitating self-awareness, empathy, and interpersonal skills crucial for navigating challenges and fostering positive relationships. Inspirational talks by industry experts inspire students to envision big aspirations and set ambitious career goals. With a focus on excellence, students are encouraged to pursue academic rigor alongside extracurricular endeavors. Overall, the "win@life" program successfully fosters a culture of respect, ethical behavior, innovation, emotional intelligence, thinking big, and excellence, ensuring students are equipped for success in their future endeavors.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

#### The future plans of Action for next Academic year

1. To make the learning ambience completely by ICT enabled.
2. To create research center
3. To have more institute industry interaction by signing MoU's.
4. Promote entrepreneurship cell to support the students for their innovative startups.
5. Conduct student centric skill development courses.
6. Strengthen the faculty publications and insist all the faculty members to register Ph.D
7. Resource mobilization through major and minor research projects
8. Encourage the faculty members to prepare e-content for their subjects
9. Promote consultancy services and extend the services to government organization.
10. Maintain the eco friendliness of the campus by adopting proper green initiatives.