



Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

Krishnasamy College of Engineering and Technology (KCET), follows the rules, curricula, and syllabus which is designed by the Anna University, Chennai. The objective of our institution is to assure efficient curriculum delivery using creative approaches and prudent techniques. Our systematic strategy is divided into three phases: planning, development and implementation, evaluation.

Faculty requirements from all the departments are received by the Principal during the **planning process**. The Institute creates the academic calendar, which includes a variety of events like the Internal Assessment Test (IAT) schedule, Model Examination, Practical Examination, and the date of syllabus completion, based on the University academic schedule. Co-curricular and extracurricular activities are organized in accordance with the dates specified in the academic calendar.

The students' final choices for elective courses are made during the **Development and Implementation** phase. The KCET faculty members are extremely enthusiastic and have been assigned the courses according to their experience and areas of expertise. Faculty members inform the students to enroll in NPTEL and additional courses to improve their competency in the contemporary world. In order to foster an enthusiastic learning environment, our students are also encouraged to take part in technical events like hackathon, quizzes, paper presentations and project presentations.

1. **Teaching - Learning Methodology:** Faculty members prepare elaborate lesson plans, question banks with answers, and lab manuals for each practical course. In addition, Google Classroom is utilized to provide notes, question banks, and other subject related materials which is more beneficial to the students.



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- 2. Collaborative Learning:** Appropriate supplementary subjects are covered in every theory and laboratory subject in order to bridge the gap between the industry requirements and the university mandated curriculum. Students' subject knowledge is further enhanced by creating an opportunity to attend the conferences and workshops.
- 3. Competition Based Learning:** Students are motivated to take part in regional and national contests so as to provide a strong motivation that helps to face the challenges in the real-world situations.

During the evaluation phase, IATs are conducted to assess the students' capabilities. Unit tests are also conducted to streamline the students to improvise the writing practice. The Academic Co-ordinator, the Head of the Department, and the Principal periodically monitor the students' performance. In addition, progress reports are delivered to the parents.

Faculty members are required to prepare Course Files that comprises a copy of the syllabus, lesson plan, course material, question bank, IAT question papers, previous year university question papers, and question paper compliance.

The laboratory manuals are prepared for applied courses that include design-based additional experiments along with university mandated list of experiments. Teaching faculty members keep themselves up to date by participating in conferences, seminars, workshops, faculty development programme.

Class committee meetings are held before the commencement of IATs. During the meeting, Student representatives are asked to express the grievances so that it can be resolved in future. Assessment tests and model exam are conducted at specified intervals. After every assessment test, result analysis is carried out and necessary remedial measures are taken for mouldable and slow learners.

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1.2 Academic Flexibility

1.2.1: Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years) :

Response: 63

List of students and the attendance sheet for the above mentioned programs	View Document
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	View Document
Institutional data in the prescribed format	View Document
Evidence of course completion, like course completion certificate etc. Apart from the above:	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document
Other Upload Files	
1	View Document

1.2.2 Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years.

Response: 86.89%

1.2.2.1. Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years



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Response:

2022-23	2021-22	2020-21	2019-20	2018-19
1493	763	212	471	489

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Institutional data in the prescribed format	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

Response:

Our institution follows the curriculum prescribed by Anna University, Chennai. Cross-cutting topics like gender equality, the environment and sustainability, human values, and professional ethics are well interwoven into the Anna University curriculum. Environmental Science and Engineering is a mandatory course in all under graduate degree programmes.

Krishnasamy College of Engineering and Technology emphasizes gender equality in every aspect. Both genders possess equal opportunity in all co-curricular and extracurricular activities.

Women Empowerment Cell has been set up with the purpose of empowering female students and staff. In addition, it creates awareness about women's issues in society and giving hands to face the obstacles with courage. It strengthens the women, through a variety of initiatives such as guest lectures, seminars, workshops, awareness programme, and welfare activities. On top of that, women are motivated in getting their rights and human values in the society.

Besides, other activities such as International Women's Day, International Yoga Day and Meditation are held in the college campus to make them more potential in all their endeavors.



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Professional Ethics

As Engineering is a highly esteemed profession, honesty, integrity, impartiality, and equity are must have qualities. Engineers are trained to perform under a code of Professional Ethics that would have the highest principles of ethical standard. Institute has equal importance for professional ethics along with academics because knowingly and willingly none should involve in wrong behaviour. Professional ethics encompasses personal and corporate standards of behaviour expected by professionals. The students of different branches in Engineering, study Professional Ethics that address to learn moral values. The institute organizes various personality development programme through Training & Placement cell to increase the employability of students. Industrial Visits and Internships are included in curriculum and experts from corporate are invited to share their views to understand corporate standards and culture.

Environment and Sustainability

In order to integrate the cross cutting issues relevant to environment and sustainability, University has included different types of courses in the curriculum to bring awareness among the students. All programmes have compulsory courses for Environmental Science and Engineering in first and second year curriculum. In this course, students study basic components of environment and its application to tackle issues such as pollution control, green gases etc. Renewable energy sources, Hospital management are included to create awareness among the students about Environmental issues.

The institution has taken the efforts to give awareness on environmental issues and its sustainability to society through extension activities by NSS. Students indulged in various clubs motivate them to get engaged in Tree Plantation activities.

The institution has taken the efforts to give awareness on environmental issues and its sustainability to society through extension activities by Tree plantation, and collection of E-Waste day event.



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1.3.2. Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 57.94%

1.3.2.1. Number of students undertaking project work/field work / internships: 569

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1.4 Feedback System

1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

Feedback processes of the institution may be classified as follows:

- Feedback collected, analysed, action taken & communicated to the relevant bodies and feedback hosted on the institutional website.
- Feedback collected, analysed and action has been taken and communicated to the relevant bodies.
- Feedback collected and analysed.
- Feedback collected.
- Feedback not collected.

Response: A



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File Description	Document
Feedback analysis report submitted to appropriate bodies	View Document
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	View Document
Action taken report on the feedback analysis	View Document
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	View Document
Provide links for any other additional relevant document to support the claim (if any)	View Document