YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	**Kumaraguru College of Technology**
• Name of the Head of the institution	**Dr.D.Saravanan**
• Designation	**Principal**
• Does the institution function from its own campus?	**Yes**
• Phone No. of the Principal	**04222661122**
• Alternate phone No.	**04222661111**
• Mobile No. (Principal)	**9487700830**
• Registered e-mail ID (Principal)	**principal@kct.aci.in**
• Address	**Chinnavedampatti post,**
• City/Town	**Coimbatore**
• State/UT	**Tamilnadu**
• Pin Code	**641049**
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	**25/07/2007**
• Type of Institution	**Co-education**
• Location	**Urban**

• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**Dr.S.Selvanayaki**
• Phone No.	**04222661315**
• Mobile No:	**9600989004**
• IQAC e-mail ID	**iqac@kct.ac.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.kct.ac.in/wp-content/uploads/2022/06/AQAR-2020-21.pdf
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.kct.ac.in/academic-calendar/

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B**	**2.67**	**2009**	**29/12/2009**	**28/12/2014**
Cycle 2	**A**	**3.21**	**2016**	**02/12/2016**	**01/12/2021**
Cycle 3	**A++**	**3.62**	**2022**	**02/08/2022**	**01/08/2027**

6.Date of Establishment of IQAC	**09/06/2009**
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?	

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Kumaraguru College of Technology	UGC-2f	UGC	15/12/2003	Nil
Kumaraguru College of Technology	UGC-12B	UGC	18/12/2014	Nil
Kumaraguru College of Technology	FIST	DST	20/12/2018	6000000
Kumaraguru College of Technology	SIRO	DSIR	23/03/2022	Nil

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	[View File](#)

9.No. of IQAC meetings held during the year	**4**
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	**Yes**
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded

10.Did IQAC receive funding from any funding agency to support its activities during the year?	**No**
• If yes, mention the amount	

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

1.Self Study report prepared and submitted for Third Cycle of Accreditation.

2. Minor Specialization implemented.
3. Faculty training on Universal Human Values and Workshops on IPR and Entrepreneurship to faculty and students conducted
4. Intensive Coaching to competitive Exams through CEED.
5. Implemented UN Sustainable Development Goals in Final year students Project Work.

12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
NAAC Accreditation	A++ with 3.62 CGPA
NBA Accreditation to all UG Programmes	12 Programmes Accredited out of 13
Top 100 in NIRF under Engineering Colleges	Achieved 108th Position
Collaboration	MoUs signed with BGMEA University of Fashion and Technology and ICAR-Sugarcane Breeding Institute for research and knowledge transfer
Promotion of research Culture	Research Centres increased

13.Was the AQAR placed before the statutory body?	Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing Council	03/02/2023

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2021-2022	19/01/2023

15.Multidisciplinary / interdisciplinary

• UG and PG Programmes are introduced in both multidisciplinary and interdisciplinary fields in the last 5 years, which include (i) Information Science and Engineering, (ii) Artificial Intelligence and Data Science, (iii) Data Sciences and (iv) Technology Management.

• Minor Specialisations are offered in the domains of (i) Cyber Security, (ii) 3D Printing, (iii) Internet of Things, (iv) Data Sciences and (v) Network Programming.

• In addition, many 3-credit courses (currently 159 courses) are offered to the students of all the branches as a part of Open Electives to encourage the interdisciplinary approach and culture among the students.

16.Academic bank of credits (ABC):

• In order to facilitate the transfer of credits into Academic Bank, data capturing of credits completed by individual students, every semester, has been implemented with suitable ERP system.

• KCT has expressed the willingness to be a part of National Academic Depository to the University, which is the essential step towards ABC.

17.Skill development:

• Courses are introduced from semester I onwards in order to enhance the soft and hard skills of the students (Engineering Clinics).

• Hard skills are enhanced with the more number of one-credit courses, value added courses and internships.

• Soft skills are enhanced with the introduction of (i) additional Indian languages - Hindi, (ii) foreign languages - German, Japanese and French, (iii) problem solving - related courses in VI / VII semesters and (iv) activities through 35+ clubs and forums for improving skills related to team work, advocacy and conflict resolution

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

Human Value / Excellence Department offers Value Based Courses from I to VII Semesters as given below. (i) Personal values (ii) Inter-Personal values (iii) Family Values (iv) Professional Values (v) Social Values (vi) National Values (vii) Global Values. In addition, courses that links Indian Culture and Tradition are offered as the Open Electives (6 Courses) to the students. A course on "Indic Culture" has been introduced as the mandatory course to the students of newly introduced programme – Artificial Intelligence and Data Sciences.

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

KCT introduced Outcome Based Education (OBE) in 2014 and Choice Based Credit System (CBCS) in 2015, which emphasized on honing the skills and knowledge of the graduates. The courses of all the programmes are categorised into Humanities and Social Sciences (HS), Basic Sciences (BS),Basic Engineering Sciences (ES),Professional Core (PC) and Cluster Courses, Professional Electives (PE), Open Electives (OE) and Project Work (PW) . Programme Educational Objectives (PEO), Programme Outcomes (POs – also known as Graduate Attributes), Programme Specific Outcomes (PSO) are framed, considering the following features. The course outcomes (CO's) are designed to align with the Programme Outcomes (PO's) and Programme Educational Objectives (PEO's) . Accordingly, every students learns to demonstrate skills and attitude with concepts at the end of every course.

20.Distance education/online education:

KCT, as an Autonomous and affiliated Institution, is not eligible to offer distance education and online education. However, KCT encourages the students and faculty members to register online courses offered by NPTEL and SWAYAM platforms and provide credit equivalence to the students and suitably recognize in the case of faculty members in their performance appraisal system.

Extended Profile

1.Programme

1.1   **29**

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1   **5886**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2   **1699**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.3   **5875**

Number of students who appeared for the examinations conducted
by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.Academic

3.1   **819**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.2   **354**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1	**29**
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1	**5886**
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	View File

2.2	**1699**
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3	**5875**
Number of students who appeared for the examinations conducted by the institution during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1	**819**
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	**354**

Number of full-time teachers during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3 Number of sanctioned posts for the year:	**354**

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**940**
4.2 Total number of Classrooms and Seminar halls	**135**
4.3 Total number of computers on campus for academic purposes	**1634**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**2091.77**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

In line with Vision of the Institute, KCT strives to provide Outcome Based Education (OBE) - deriving its ability to design and develop curriculum toensurerelevant and updated regulation, curriculum and contents to match the emerging trends and industry-demanded skills (21st Century Skills). Accordingly, Programme Educational Objectives (PEO), Programme Outcomes (POs), Programme Specific Outcomes (PSO) are framed,

Policies/Courses developed by DST, UGC, AICTE related to skill

development, employability, innovation and entrepreneurship are integrated into curriculum, besides technical (profession) courses, to ensure the relevance with respect to needs of the Nation. POs are set based on guidelines given by NBA and thereby incorporating global perceptions of outcomes into UG/PG Programs. PSOs are designed considering the graduate profile (Knowledge – Skill – Attitude) recommended by Professional Bodies such as, ASME, ASCE, SAE, IEEE, ISA, CSI, ACM, ACS and SDC thereby focusing on technical, societal and global needs. POs and PSOs are delineated into different courses, characterised by relevant Course Outcomes (CO). Correlation of COs with POs and PSOs are established for all the identified courses with prerequisites.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	[https://naac.kct.ac.in/1/ssr/1_1_1/1.1.1%20PEOs-POs-COs%20%20Needs%20and%20relevance.xlsx](#)

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

2

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	[View File](#)
Details of syllabus revision during the year	[View File](#)
Any additional information	No File Uploaded

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

806

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

1.2 - Academic Flexibility

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

806

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

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

29

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

KCT aims to provide a holistic education, keeping the curriculum a

dynamic and updated one. Curriculum is revised to incorporate crosscutting issues related toEthics, Gender, Human Values, Environment and Sustainability intocore, electives and other courses. Program Outcomes include major criteria like (i) Disciplinary Outcomes, Transferable Skills, (ii) Complex Engineering Problems and (iii) Contextual Knowledge – Ethics, Environment and Sustainability, and Engineer and Society in specific. Courses specified in curriculum are mapped with these outcomes and facilitating exposure to cross-cutting issues through academic regulation and curricular interventions.

Many pressing issues that cut across nationally and internationally (emphasised by UN SDGs), including global warming, water, pollution, health and hygiene, clean energy, infrastructure, sustainable cities and gender equity (in particular women in leadership -Reduce inequalities), responsible consumption and production are offered as the disciplinary courses.

Autonomous Regulation of KCT offers Gender and Human Values related courses from First Semester to Seventh Semester, by Department of Human Excellence. These courses have focus onsathya (truth),dharma (justice),prema (love),shanthi (peace)andahimsa (non-violence)incorporated in (i) Family Values, (ii) Social Values, (iii) National Values, (iv) Global Values, (v) Professional Values, (vi) Indian Constitution and (vii) Environmental Science to instil discipline among the students to be socially responsive towards environment and society (Contemporary issues that result in environmental degradation highlights the importance of ecosystem and biodiversity).

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

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

24

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	**No File Uploaded**

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

3001

File Description	Documents
List of students enrolled	View File
Any additional information	View File

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

1729

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

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	**A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	https://aqar.kct.ac.in/1/2021-22/1_4_1/SAMPLE_FEEDBACK.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://aqar.kct.ac.in/1/2021-22/1_4_2/Feedback_withATR.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1526

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

775

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

2.2 - Catering to Student Diversity

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

KCT aims to attract students with different backgrounds (socio-economical, communal, medium-of-study and geographical), abilities (differently abled, involvement in sports) and aims to give a holistic education to everyone. Competency-skill assessment is carried-out to identify students with different learning abilities

to design course deliveries.

Students with biology background are offered additional sessions related to software coding to cope-up with other students.. For Courses like Mathematics, Programming Languages, Digital Signal Processing, Strength of Materials where the students' performance was low, students are guided through remedial classes to enhance the outcomes in the evaluation.Students who are unable to complete the courses successfully in the end-semester examinations, are provided an opportunity to re-learn the course (even for a strength of one student) through Summer/Winter Tracks, monitored centrally through Controller of Examinations and respective Department Heads.

Students with fast-learning abilities are formed into different cohorts to learn science-with-projects, design-thinking, intellectual property rights, paper publications and mini-projects, in addition to regular courses. They are offered additional one-credit courses in the first semester itself on STEM related topics. Students with English language proficiency are provided opportunities to learn Hindi, French, German and Japanese to improve their academic profiles.

CLED and Re` offers Lecture Series, Certificate Courses and sponsorships to attend various programmes on the basis of merit. Fast learners identified by faculty mentors, Heads of Departments are funded to become members in Professional Bodies (IEEE, IE, FPSI, AIDAT, CMA, NHRD) to learn additionally, relevant to their fields.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/01/2022	5886	357

File Description	Documents
Upload any additional information	[View File](#)

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:

Student-centric learning methods are introduced as a hub-spoke model in KCT, where teaching – learning activities to meet curricular requirements are carried out by academic departments, while Re, iQube, Garage, CLED, KCIRI and Forge to involve students in co-creation of various learning modules, delivering additional lectures/courses through peer-learning and build confidence levels of the students.

Experiential learning

1. Embedded courses

2. Simulation based experiments in laboratories, industry sponsored facilities with commercial scale experiments.

3. Workshops with computer-based learning.

4. Industrial visits/field visits / Internships.

Participative learning

1. Students joining with faculty members in executing projects funded by the industries, Government agencies thereby providing opportunity to understand higher level concepts in their domains, get hands-on experience in handling equipment, instruments and machines.

2. Handling the classes to the junior students by seniors, mentoring by alumni, laboratory courses, preparation for competitive examinations,

3. Short courses, lectures, workshops and demonstration sessions.

Problem Solving

1. Offering courses that leads to diagnosing a problem and providing solutions

2. Tutorial component is introduced in the analytical courses, wherever required.

3.Intramural hackathons a to enhance the learning experience, implement the understanding and improving abilities of students to provide solutions to complex problems.

4. Designing and developing new products to participate in various competitions.

5. Pre-placement internships in companies to solve problems and Executing capstone projects.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	**Nil**

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

To enhance the learning experience, to provide better user-experience, state-of-the-art educational technologies are employed in the teaching-learning process. KCT has laid the optical fibre cable connecting every part of the campus for quick and easy access of contents from the Intranet / Internet, WiFi connectivity in the classrooms. All the faculty members of KCT own personal laptops. Students are encouraged to use the facilities available in the institution and needy students are supported through financial assistance schemes of the Institute / facilitating bank loans to purchase computing systems.

Software required for simulation, analysis and animation are purchased and students are permitted to use them remotely also. All the classrooms are equipped with LCD projector, system connectivity and Internet. Besides, every academic block is equipped with Interactive Smart Board with wider features for enhancing the teaching. Video conferencing, Skype facilities are made available for interacting with experts, alumni and peer groups for value added discussions related to emerging topics.

KCT has signed an Institute-wide license with Microsoft (A1 License) Teams for conducting on-line classes and, KOED (Kumaraguru Online Education) portal combines MS Teams with Learning Management System, which further facilitates, uploading course materials, video lectures created by faculty members,

automatic capturing of student attendance, posting of continuous assessment questions and marks, semester-end marks and processing of the results and awarding the grades.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.mycamu.co.in/#/
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

354

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

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

Activities of the Academic Year are planned in advance considering the inputs received from the Academic Section, Controller of Examinations, Student Affairs, Activities of Statutory Bodies, Government (Holidays), Accreditation related activities, Support Systems and, Clubs and Societies. Preparation of such a comprehensive calendar helps KCT to optimize the resource utilisation, planning the Institution level events like sports day, techno-cultural events, graduation day and celebration of other important days.

Teaching Plan –Preparation and Adherence

Course plan is prepared ahead of the semester and approved by the module coordinator and Head of the Department. Course plan contains details about the name of the faculty, designation, programme to which the course is offered, semester, regulation, academic year, course category (theory/lab/theory with lab) and credit. The course plan starts with syllabus content along with

contact hour requirements. For common courses (I Year), Mandatory Non-credit Courses, Open Electives, common course plans are prepared by the Course Committee and given to all course handling faculty members. It includes pre-requisite details, course outcomes with Bloom's Taxonomy level and assessment scheme for the specified course outcomes. Entire syllabus is logically divided into number of sessions as per the curriculum, along with formative assessment, assignment topics, and self-study topics if any.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	[View File](#)

2.4 - Teacher Profile and Quality

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

354

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	[View File](#)
List of the faculty members authenticated by the Head of HEI	[View File](#)
Any additional information	**No File Uploaded**

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

204

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

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

4009

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

19

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

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

417

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

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

KCT has implemented fully flexible choice based curricular system integrated with KITE portal. Each student has the option, enabled through software, to select their choice of courses, faculty, and timetable during the course enrolment.Preparation of examination calendar, activities related to selection and appointment of examiners for question paper setting, online scrutiny of question

papers for correctness, calculation of Continuous Assessment Marks (CAM), processing of CAM with finalevaluation, declaring results, submission of requests for revaluationare carried out through software system with complete transparency. Dissemination of information related to examination schedule, hall and seating arrangement and issue of Hall Ticket to students are sent through personalised modesfor easy access.

IT systems are deployed to conduct online examinations with appropriate front and backend software support (to ensure the robustness and scalability), video and artificial intelligence based proctoring (AI proctoring with alerts/warnings, prevention of multi-tasking), which mitigates the malpractices and improve the confidence on the examination system of KCT, reinforce the ethical practices in the learning process. Entire process may be reviewed and audited in the digital form with continuous image capturing Status courses completed, credits earned against degree requirements, grades are accessible to the students and parents through the ERP System.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	Nil

2.6 - Student Performance and Learning Outcomes

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

Framing / Stating of Outcomes

Curriculum of a programme offered in KCT is designed and developed based on Program Educational Objectives, Program Outcomes/Program Specific Outcomes and Course Outcomes

Dissemination of the PEOs, POs and PSOs

1.Stakeholders:Management and Members of Governing Council

Process of Dissemination: Published in Regulations, website, Department Newsletter

2.Stakeholders: Parents

Process of Dissemination: Published in Website

3.Stakeholders: Faculty/ Students

Process of Dissemination:Discussed in Induction Programmes,Published in Regulations & Curriculum book, Department Newsletter,Posters in Teaching Venues,Website

Dissemination of COs

Course Outcomes of each course are given as a pre-reading material in the curriculum, placed before the syllabus to enable the students and others to understand and appreciate the expectations from them at the end of the course – the capabilities the students will be able to perform / demonstrate. While framing assessment and evaluation questions, course outcomes are considered to allocate the proportion of marks, to justify their mapping strength POs and PSOs.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	**Nil**

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

Attainments of POs and PSOs are evaluated through direct & indirect measures. Target levels of POs and PSOs are set and the actual attainment of POs and PSOs are calculated. Analysis and review, improvements are made in all the relevant activities to enhance the actual attainment levels.

COs of all the courses are mapped with POs, i.e., CO-PO Mapping Matrix. Course instructor measures attainment of CO, subsequently, CO attainment of each course is mapped to related Program Outcomes. Program Outcome attainment is calculated using the average values of the relevant CO attainment values. If the POs/PSOs attainment is less than the target, the DAB has to identify possible ways to improve students' performance, in consultation with the concerned course coordinator, in terms of course content preparation, delivery and assessment.

Sample calculation of CO, PO and PSOs is furnished in the Additional Information.

Indirect methods considered for calculating POs/PSOs include program exit survey, alumni survey and employer survey. The average score of the questionnaires are calculated as indirect attainment of POs and PSOs and discussed in the Board of Studies and Academic Council Meeting.

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

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

1628

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

https://aqar.kct.ac.in/2/2021-22/2_7/SSS.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

KCT has created different institution-wide research facilities to

foster research and innovation culture among students and faculty members.

Research Facilities:

iQube helps tech enthusiasts to convert their innovative ideas into commercially viable and technically challenging prototypes.

Garage is a student involved Product Development – Research Centre of the automotive sector. Students here design and construct vehicles that include terrain vehicle, supra vehicle, quad bike, dirt bike, go – kart and solar karts.

Research and Exploration (Ré) instigates a research culture among the student support in provide engineering solutions to world problems by mentoring, guiding and incubating students' research projects.

Kumaraguru Centre for Industrial Research and Innovation(KC.IRI) is a focused Research & Innovation ecosystem in symbiotic collaboration with Industries for the promotion of industry-specific applied research, innovative product development, advanced learning and skill development programmes. It connects Industry with KCT academia to facilitate research, development, and process improvement in industries.

Coimbatore Innovation and Business Incubator (CIBI) provides a platform to students, faculty members and public to incubate new ideas into new products/processes.

KCT has established 11 collaborative laboratories, with industries to understand concepts, modify and develop new processes and products , and 12 Department Research Centres to facilitate Ph.D programmes.

Research Policy:

KCT has a well-defined policy for promoting research within an institution which creates a culture of innovation and excellence with impactful research.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.kct.ac.in/policy/
Any additional information	**No File Uploaded**

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

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

17.12975

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

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

6

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	**No File Uploaded**

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

279.29

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

3.2.2 - Number of teachers having research projects during the year

41

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

74

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

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

12

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	**Nil**
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

Research culture in the campus is ensured through academic initiatives, forming Focused Research Groups, students research bodies (Re`, iQube, Garage), Research as one of the verticals in the Students' Leadership Council, establishing Centre for Research, Laboratories with focused approach, recruitment of student interns, selecting Super-60 among fast learners and sponsoring to training programmes. Research Cell has been established to execute activities for students and faculty members.

Every Department has research laboratory to foster research culture. KCT has tie-up with Universities abroad to carry out research activities namely, Tel Aviv University Israel, NUS Singapore, Leeds University, Texas Tech University for joint research and conferences.

Forge as a partner incubator empowers Government, Industry, and Academia to exploit strategic opportunities through Innovation powered by deep-technologies such as artificial intelligence, data science, robotics, power electronics, augmented reality/virtual reality, and IoT. By combining frontier Technology and future-ready Talent, we help our Partners drive operational excellence outcomes and achieve business growth goals, through collaboration and co-creation with startups at speed and scale via a managed innovation framework.

Kumaraguru Centre for Industrial Research and Innovationcreates an Innovation ecosystem in collaboration with Industries for the promotion of industry-specific applied research, innovative product development, advanced learning and skill development programmes focusses on four domains of service such as Industrial Research and Consultancy, KCT Innovation and Project Development,

Skill development and Manufacturing and Advanced learning programmes

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

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

135

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	A. All of the above

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

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

152

File Description	Documents
URL to the research page on HEI website	https://www.kct.ac.in/wp-content/uploads/2021/08/List-of-Ph.D.-Scholars.pdf
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

470

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

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

78

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

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

3085

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

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

3.4.6.1 - h-index of Scopus during the year

52

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

83.68 Lakhs

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

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

56.66 Lakhs

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

3.6 - Extension Activities

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

KCT extends support to the neighbourhood communities to provide basic supports, enhance the lifestyle of people, training on good practices and, address health and education related issues.

NamadhuPangu (NP)

- Adopted 5 village panchayats and about 140 litres of milk distributed to 780 school children on every Friday
- Rural Learning Centre conducts classes to 30 school students from Monday to Friday every week.
- Vacation camps for school children are conducted every year to showcase and enhance their talents

National Service Scheme (NSS)

- Involves in Voluntary activities, Eye camps, Blood donation, Tree plantation, and 7 days special camp in villages

National Cadet Corps (NCC)

- Swachh Bharat activities, Lake cleaning,Tree plantation

Rotaract Club

- Tree plantation, Eye camps in villages, Blood donation, Awareness on plastic eradication

Microcosm

Upcycling of products - Refurbishment of Plastics, clothes, slippers etc

Social Immersion Project (SIP)

Student Projects with NGO and nodal partners

Clubs and Societies

- Youth Red Cross of KCT focusses on First Aid and Disaster Management, Red Ribbon Club support for Aids Awareness programs.
- Road Safety Patrol conduct awareness programs on road safety impacting several lives of the public.

Nature Club, PudhuPaavai, UYIR Club, Gandhian Youth Movement, ABLE Club of KCT dedicated to the grass root work in the society.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

20

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

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

57

File Description	Documents
Reports of the events organized	[View File](#)
Any additional information	[View File](#)

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

3980

File Description	Documents
Reports of the events	[View File](#)
Any additional information	[View File](#)

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

476

File Description	Documents
Copies of documents highlighting collaboration	[View File](#)
Any additional information	**No File Uploaded**

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

107

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	[View File](#)
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	[View File](#)
Any additional information	**No File Uploaded**

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

KCT has a total land space of 156.61 acres of 1.33 lakh sq.m. built-up area. Buildings are constructed with natural ventilation, aeration and have ramps for differently abled students and has well connected footpath. Lifts are available in high-rise buildings. Playgrounds have been established in an area of 23 acres.

Facilities Available@KCT

1.Land area (Acres) -156.61

2.Instructional Area(sq.m.) -34983

3.Administrative Area(sq.m.) -2855

4.Amenities Area(sq.m.) -2773

6.Total Classrooms and Area-130no. & 10760 sq.m

7.Total Tutorial Rooms and Area-17no.& 984 sq.m

8.Laboratories and Area-123no.& 16307 sq.m

9.Drawing Hall(sq.m.) -448

10.Seminar Halls-5no.& 1548sq.m

11.Auditorium(sq.m.) -1457

12.Innovation Centres -Garage (520 sq.m),iQube (256 sq.m),Re`(208 sq.m)

13.Student Activity Centre-Available (590sq.m)

14.Library Books-111094 books

15.Computers(no.) -1624

17.Innovation Lab -KC.IRI(754sq.m), KC.AIR(134.54sq.m)

18.IPR Cell-Available

19.Industry Sponsored Labs -16

20.Incubation Centre-1 Centre

21.Library to promote Language and Culture-70000 books

Other physical facilities include: power generation and distribution, space for PV power (250kWp), sewage treatment, RO plant, resource recovery park, temple, vehicle parking, gymnasium and indoor games, rain water recharging and collection pond, residential complex for students and staff, guest house, open-air theatre, transport station, Garage-Innovation Centre and halls for cultural activities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.kct.ac.in/

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

KCT has spaces earmarked for sports, games, yoga and cultural activities.

Sports Facility -Area sq.m.

1.Playground Total Area-93070 (23 Acres)

2.Hockey Field -6324

3.Athletic Track-11315

4.Cricket Field-11315

5.Cricket Practice Net(2no.)-300

6.Football Field -9200

7.Basket Ball Court(3no.) with Floodlight -3500

8.Volley Ball Court(3no.) with Floodlight-2100

9.Ball Badminton Court(2no.) with Floodlight -1000

10.Kabaddi Court(2no.) -460

11.Tennis Court-1002

12.Handball Court with Floodlight-1500

13.Kho-Kho Court with Floodlight-608

14.Football Turf with Floodlight-1500

15.Throwball Court-500

16.Table Tennis-Women-500

17.Volley Ball Court-Men-700

18.Chess Academy-80

19.Synthetic Court for Badminton-2566 sq.m

20.Karate and Fencing for men/women-451 sq.m

Yoga and Meditation: Meditation Hall/Gnanasabai(219sq.m.), Dhyana Mandapam (193sq.m.) and Yoga Hall (250sq.m.) are established for students to practice yoga and meditation, facilitated by trained set of faculty members.

Cultural Activities and Clubs: Air-conditioned auditorium (1457sq.m.) of capacity 1500 seats, Five Seminar Halls with seating capacity ranging from 70 to 480 and 16 Conference Halls in academic blocks are available for events. Yugam Techno-cultural event features 130+ events, 60+ workshops, cultural performances, inspirational talks, competitions and contests, witnessed by 10,000+ audience annually

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

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

135

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

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

342.16

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

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

Mahatma Gandhi Central Library (MGCL)is the hub of KCT housed on the first floor of Mahalingam Vigyan Bhavan with a built-up area of 1714 sq.m. It is a Learning Resource Centre and offers Library services to all the Students, Research scholars, Faculty members, and all other staff members of the KCT.The Library follows open access system(library.kct.ac.in).The Central Library has a collection of 111094 printed books, 30,000 E-journals including IEEE ASPP, Springer, ASCE,ASME,J-Gate,Elsevier Science Direct, and

EBSCO Business Elite,1200 E-Books, and 239 print journals and magazines.Remote access is provided to all the KCT users through INFED-INFLIBNET for accessing all the subscribed E-resources of MGCL.It has a collection of 7876 CDs/DVDs.NPTEL online courses (400 web and 500 video courses), hosted in one local server.The Library is fully computerized and automated by usingKoha Library softwarei ntegrated with RFID and Barcode Technology. An interactive touchscreen KIOSK facility is also available. WebOPAC(Online Public Access Catalogue) facility is available.Braille collection of Books are added to MGCL collection.NVDA (Non-Visual Desktop Access)-Screen reader software is installed in Digital Library to hear the audio of soft copy books/documents.KCT MGCL holds institutional membership withDELNET(Developing Library Network) for ILL(Inter Library Loan) and Document Delivery Services.KCT MGCL also holds a membership with the National Digital Library of India.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.kct.ac.in/the-campus/

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

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	[View File](#)
Upload any additional information	[View File](#)

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

34.09

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

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

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

1242

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

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

KCT provides campus-wide Internet, wired / Wi-Fi facilities (47 access points) and ERP software for campus management connected through1 GbpsInternet bandwidth.KCT has IT Policy that governs,subscription(connection),usage and termination of usage by students, faculty members, technical and administrative staff members for teaching-learning, research and consultancy services, support services,securityand surveillance inside campus.Policy includes (i) Rights and Responsibilities, (ii) Staff Responsibilities,(iii) User Responsibilities,(iv) Acceptable Uses,(v) Confidentiality and IP Agreement,(vi) Disclaimers and (vii) User Agreement.IT facilities of KCT includes (i) hardware and (ii) software facilities to connect various facilities and provide necessary facilities, services and supports.Entire Campus is connected through optical fibre cable (OFC) spanning over a length of 5950 Meters.Hardware facilities of the Campus include1624 computers,77 printers,Optical Character Recognition (OCR) machine, Dummy Number Preparation Machine, RFID / Barcode systems for campus entry and exit for both students and faculty members.582 IP Camerasare installed at various locations in the campus for safety and surveillance.70 Nosof Biometric devices are installed to mark the attendance.Security of the networks and

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systems are managed by firewalls (Checkpoint 13500) supported by
the Barracuda Appliance for email protection,applications and
cloud security, network security and data protection.KSTEAR,
KCTSmartApps,Kumaraguru Integrated Technology for Education(KITE),
KOED-Kumaraguru Online Education are the softwares used in KCT.
```

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
5886	**1634**

File Description	Documents
Upload any additional information	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	**No File Uploaded**

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	A. All four of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

1919.81

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

The development and maintenance of infrastructural facilities in the campus has been one of the priority areas of activities in KCT. The management is committed to maintain and develop the campus as a user – friendly and eco – friendly space. The campus resources are administered by well established functional divisions with the defined responsibilities. Physical infra of each department is taken care by a faculty Infra Coordinator. Electrical maintenance, network related repair & maintenance works , Air-conditioning (AC) maintenance are registered through an online portal with a ticket number through online portal (www.smartapps.kct.ac.in). The closure of the work is communicated to the faculty/staff member who registered the work in the portal. Well-staffed housekeeping division is available for maintaining ambience, cleanliness & hygiene in all the classrooms, laboratories, libraries, administrative offices and rest rooms.

Work System for Maintenance Activities

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

2199

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

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

1178

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology	**A. All of the above**

File Description	Documents
Link to Institutional website	https://www.kct.ac.in/placement/
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

4828

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

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

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

5.2 - Student Progression

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

1142

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

5.2.2 - Number of outgoing students progressing to higher education

167

File Description	Documents
Upload supporting data for students/alumni	**No File Uploaded**
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

57

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	**No File Uploaded**

5.3 - Student Participation and Activities

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

70

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

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

Student Leadership Council of Kumaraguru College of Technology is an advisory body comprising 30 student presidents of all academic departments, heads of student clubs and forums, sports captains, and NCC student officers. The purpose of the Council is to facilitate students in curricular, co-curricular, and extracurricular activities, ideate, design programmes & policies, introduce, enhance processes and resolve student challenges.

Student Leadership Council members work for the student's well-being and for overall progress through continuous development and strive to enhance students' experience and expectations leading to personal success. They represent their fellow mates in college and bring their needs to the table for discussions and ideations. Student leadership skill can be divided into two parts, first one is leadership role in administration: student members in the hostel, mess committee, cultural event organization, Department Association members, and in various events based on their fields of interest.

The second responsibility is academic leadership in the curriculum development process, which includes Board of Studies meetings, Department Advisory Board meetings, Department Association members, placement representatives, class representatives, student coordinator, class, and course committee meetings. Exchange of perceptions and suggestions from different domains helps a vertical and the team to grow together. They are in IQAC composition as per NAAC and they attend IQAC meetings and express their opinions.

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

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

50

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

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

CT Alumni Association was registered on 26th February 2016 in the name of Kumaraguru College of Technology Alumni Association under the Tamil Nadu Societies Registration Act 1975 (Tamil Nadu Act 27 of 1975) they have 27000+ alumni around the world. KCT Alumni Association brings the alumni of Kumaraguru College of Technology under one forum for exchange of experience, dissemination of knowledge and talents amongst its members and for the furtherance of fellowship, advancement of scientific knowledge in general of the members of the Association and country. They conduct seminars, conferences, workshops, endowment lectures and other academic activities and to keep in touch with one another of the college faculty, non-teaching staff and students. They provide financial support to deserving students studying at the college.

They help the Alumni to get and provide advice from/to the College on various technical problems and job opportunities that they may come across in their work and real life. To approve/promote establishment of Alumni Chapters at different geographical locations having adequate congregation of alumni and physical infrastructure in the form of clubs or otherwise at various geographical locations. To maintain camaraderie and fraternity amongst the ex-students of the College by encouraging social and cultural association amongst themselves.

?Global Alumni Meet – Every 2 years

?Silver Jubilee Meet – Every year in the month of July

?Reunions like 5, 10, 15, 20, 30 years

? National & International Meets

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://www.kctalumni.com

5.4.2 - Alumni's financial contribution during the year | **C. 5 Lakhs - 10 Lakhs**

File Description	Documents
Upload any additional information	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

KCT has a governance system, driven by Vision, Mission,Values and aims to become one of the best-known entities in the sphere of education.Over these years,top leadership has introduced many policy-oriented,system-based approaches that has led KCT to be one among the Top 100 Institutions in India at present. Vision: Vision is to become a Technical University of International Standards through continuous improvement. Mission: KCT is committed to providing quality Education and Training in Engineering and Technology to prepare students for life and work equipping them to contribute to technological,economic and social development of India.

The College pursues excellence in providing training to develop a sense of professional responsibility, social and cultural awareness and set students on the path to leadership.Values strives to imbibe ethical practices among youth, value based education with emphasis on personal values, family values, professional values, social values, national values and international values.Values and value systems have been established around single core value "Character is Life".Organisational Structure Perspective Plan Based on the Vision,Mission and Values of KCT, a perspective plan has been

drawn with contributions received from stakeholders.Plan envisions KCT to be among the Top 50 Institutions by the year 2025, to be achieved through sustained developments towards (i)Teaching-learning,(ii)Faculty quality,(iii)Outreach activities,(iv)Graduation outcomes and (v)Perception of stakeholders.These are divided into goals and targets,assigned to relevant teams and evaluated through performance review systems.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	Nil

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

Nature of Governance

KCT follows participative management approach in managing functions and decision making, with faculty members from different levels. Based on interest, capabilities developed, and experience gained over a period time, members are inducted into various positions, with equal opportunity. Broad structure is given in the attachment.

Sub-systems, consist of faculty members from different cadres, sex and qualifications (as given inAdditional Information). IQAC coordinates activities of sub-systems, collatesimplementation status and outcomes, and submits the report to stakeholders for their feedback and recommendations. Academic decisions related to design and development of Course Modules, Courses, Curriculum and Academic Regulations are carried out by a team of faculty members – Autonomous Committee, Programme Assessment Committee, Department Advisory meeting, Board of Studies, Standing Committee, Academic Council and Governing Council. Decisions are taken by respective Chairperson/Coordinator and sent to stakeholders for suggestions and feedback.

Decentralisation and Participative Management

Though dedicated manpower is employed at every stage, involvement of faculty members and students in every service is evident in implementation and decision making. This has resulted in ability of faculty members to influence the system positively

towardsLearning Culturewith transparency.

These services bring-in faculty members into decision making and implementing plans, to cater to requirements of students and enhance their learning. Such a decentralised system has led to an inclusive approach in involving faculty members.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

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

Strategic Plan of KCT, which includes Equity and Access as one of the focus areas, aims to support the students with financial incentives, scholarships and stipend through various options, thereby improving the inclusive growth as detailed.

KCT is one of the preferred engineering colleges by the students and parents and it stands as one of the top 3 institutions in the State, in terms of admissions. Every year, students from different communities and socio-economic backgrounds are admitted into various programmes. About 15% of the students belong to First Graduate category, 20% of students belong to low income and middle-income categories, who many a time look for certain financial help.

Admission Scholarships

KCT, on its own and through philanthropic NGOs (Maatram, Agaram), identify meritorious students and provide admission scholarship, ranging up to 100%. Besides, KCT applies for Tuition Fee Waiver (TFW) scheme under AICTE to encourage meritorious, economically deprived students to join engineering programmes.

Merit Scholarships

Students of UG and PG programmes are encouraged to perform better in academics, research, extra/co-curricular and outreach activities, and those who actively participate in organising various academic events in the Campusare selected and provided scholarship to excel in their domains.Students, who excel in academic activities, participate in extra-mural events are encouraged with financial incentives to meet their expenses towards design and development of prototypes, registration and travel, disseminating their findings in terms of publications in conferences and IP rights.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

KCT has defined organisation structure and roles that are transparent, documented and implemented according to Institutional guidelines or as per statutory requirements. Calendars of events / activities are prepared for efficient functioning of academic Departments, Centres and Offices.

KCT has policies and processes, work-groups with heads wherever required supported and actively participated by majority of the faculty members. Committees are formed as per guidelines, which give opportunities for members to join s in pand contribute towards growth of the Institution. In order to have the smooth functioning, KCT has 23 policies and SOP.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.kct.ac.in/wp-content/uploads/2022/04/Mandatory-Disclosure.pdf
Upload any additional information	View File
Paste link for additional Information	Nil

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	**A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning) Documen	[View File](#)
Screen shots of user interfaces	[View File](#)
Details of implementation of e-governance in areas of operation	[View File](#)
Any additional information	**No File Uploaded**

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Performance Appraisal System for faculty members has been implemented to provide transparent, unbiased evaluation of faculty members, receive feedback from faculty, Head of the Department and revise the system of appraisal thereby providing scope for planning the career progression to every member. Activities and outcomes of the members are disclosed voluntarily by everyone, audited by the Head of the Department, reviewed by HR Section and considered for career progression, Rewards and Recognitions as per Policy.

Welfare Measures for Faculty and Staff Members

1. **Flexible Working Hours**
2. **Admission to Wards**
3. **Sabbatical for Higher Education**
4. **Residential Facilities**
5. **PhD Allowance**
6. **Positional Allowance**
7. **Seed Grant for Projects**
8. **Yearly Performance - Special Incentives**
9. **Incentive for Publications**
10. **Reimbursement of IPR Filing Expenses**
11. **Recognition during Teachers' day**
12. **Reimbursement of NPTEL Exam Fees**
13. **Conference/Project Presentation - TA,Registration, Accommodation**

14. Laptop Scheme with interest-free EMI
15. Subsidized Transport Facility
16. Gift Voucher for Marriage
17. Financial Support to attend FDP, Workshop and Conferences
18. Travel Grant to receive Awards and Prizes
19. Counselling (one-to-one and online)
20. Hospital with Bed facilities
21. Loan facility
22. Provident Fund
23. Gratuity
24. Medical / Accident Insurance
25. Maternity Leave.

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

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

292

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

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

57

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

259

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

KCT has a dedicated Finance Section headed by Chief Finance Officer (Qualified Chartered Accountant), ably assisted by Accountants and Assistants to facilitate financial transactions. Adequate controls are established to ensure that assets of the institution are safeguarded, and transactions are executed and are appropriately recorded in the books of account. Roles and responsibilities of people at various levels are well defined to ensure appropriate information flow and to facilitate effective monitoring. KCT has a Financial Committee which reviews transactions, activities and suggests processes, procedures and smooth functioning.

KCT has appointed an independent internal audit firm for appraising controls and financial records of and a different audit firm for audit and preparation of annual statements. Audits are carried out with certain objectives, while conducting the audit relevant stakeholders are involved and finally audit findings, objections and suggestions are sent to the Trust Office, Chief Finance Officer and the concerned sections/departments for further actions. This review is done on an annual basis and the findings are discussed with the Trustees.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.kct.ac.in/financial-statements/

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

Nil

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

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

Financial status and viability of the Institute are monitored and reported by Accounts Section of the Institute, and through third party auditors (Internal Audit and Statutory Audit) to the Institute / Trust Office. Budget preparation process, at KCT, itself provides an opportunity to the Heads of Departments / Centres to understand the financial worthiness / viability, by capturing both possible revenue and expenses, thereby inculcating financial consciousness in their operations.

While there is an overall long term Institutional strategy for optimization of resources, an annual plan for mobilization of funds and optimal allocation thereof are determined prior to the start of each academic year. Together with revenue income, possibilities of extending the use of various facilities with restoration / repair and amalgamating different operations are also considered to reduce the financial burden to the possible extent.

Being a self-financed educational institution, major source (~ 90%) of the income that comes from collection of tuition fee only. However, efforts are taken to reduce the dependency / risk on depending purely on tuition fee collected from the students, every

year and increase the income from other relevant activities. Accordingly, policies, processes are established to explore newer avenues like offering short courses, industry-driven dedicated programmes, alumni network, philanthropists, accumulating surplus revenues wherever and whenever possible to create reserve corpus.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	https://www.kct.ac.in/financial-statements/

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The quest to adopt institute-wide quality assurance system was mooted in KCT as soon as the autonomy was conferred as a self-governing process, to innovate and offer best of the services possible to the students and society

1. NAAC Accreditation

KCT was granted Five Year Accreditation status in its first cycle of accreditation. Later, in the second cycle, with a CGPA of 3.21 on 4.0 scale, A Grade was awarded which was valid till 02 December 2021. In July 2022, following the NAAC Peer Team visit for third cycle of accreditation, KCT has been awardedA++ Grade,the highest grade awarded to institutions by NAAC with KCT securing a CGPA of 3.62 on a 4 – point scale.

2. NBA Accreditation

Out of 13 eligible UG programmes 12 programmes were accredited by NBA.

3. Higher Studies

Number of students pursuing Higher studies increases from 2 % in 2020-21 to 9.5% in 2021-22.

4. Teaching - Learniing Process

During the Pandemic all the teaching contents were digitalized and provided to the students for easy learning.

5. Library

By conducting regular webinars and awareness , the footfalls of library have increased.

6. Audits:

Academic and administrative audits are conducted regularly and the outcomes were analysed thereby increasing the performance of the institution in all ways.

Also Energy audit and Green Audits were conducted to enhance the campus sustainability.

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

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Academic audit is process of quality improvement in academic system, leading to student success. Audit involves self-study, peer review and site-visit, organised by IQAC to facilitate self-reflection and self-improvement of faculty, thereby improving quality of education and following P-D-C-A approach

Audit Head is appointedby Principal, who in turn forms audit team in consultation with Heads. On confirmation of members, an awareness is given by Principal, followed by discussions on processes, checklists, forms and findings of previous audits and methods of presenting audit findings.

Audit Process

Conducted twice a year and major audit points and audit documents

are shown in the Table .

Audit Points and Records

Audit Points

Audit Documents / Records

- **Timetable**
- **SyllabusCoverage**
- **Records**
- **Course plan**
- **Assessment Patternand Marks**
- **Course materials**
- **Lab Manual/Workbook**
- **Quality of Questionpapers**
- **Verification of CO attainment**

- **Faculty Workload**
- **Student Enrollments**
- **ResultAnalysis**
- **Remedial Classes**
- **List of adjunct faculty**
- **BOS,DAB minutes**
- **Projects Implementation**
- **Feedback**
- **Course-end Survey**

Audit findings are shared with respective faculty members through Heads and overall report is discussed in IQAC meeting to assess gaps and blind spots.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution	**A. Any 4 or all of the above**

Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	

File Description	Documents
Paste the web link of annual reports of the Institution	**Nil**
Upload e-copies of accreditations and certification	<u>View File</u>
Upload details of quality assurance initiatives of the institution	<u>View File</u>
Upload any additional information	<u>View File</u>

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

KCT emphasis a culture that inculcates gender equity, sensitivity and harmony in its social and physical environments. Equal opportunities are provided to girls in admission into various degree programs and women in employment, career advancements and elevation into higher positions in the organization through appropriate Policies (HR Policy, Career Advancement Schemes, Performance Assessment Systems), Committees (Internal Complaints Committee, Grievance Redressal Committee), creating platforms for empowerment (Women Empowerment Cell, Leadership Council), establishing adequate facilities (Cubicles / Cabins, Hostels, Gymnasium and Sports Fields, Restrooms), support services (Women HR Manager, Lady Counselor, Lady Caretakers and Lady Physical Director) and offering academic courses related to Gender Sensitization and Equity.

The Campus provides safe environment to the girls by providing multi-layer safety features. Entire campus is kept safe from intruders by maintaining concrete boundary walls with physical and electronic security systems. 582 IP surveillance cameras and 32 biometric systems are installed to ensure safe check-in and check-out of student with an IVRS system.

Women in KCT are holding leadership positions such as HR Manager, Head of the department, Counsellor, Women Entrepreneurship cell organiser and various committee heads. Girl students are equally participating in all the activities of the institution.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	Nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	[View File]()
Any other relevant information	[View File]()

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

KCT has well-laid policies and processes to handle Solid, Liquid, Biomedical and E-wastes. KCT has establishedMicrocosm, which plays the major role in formulating the policies related to waste prevention and waste handling and elimination, thereby moving towards a "sustainable, green campus".Department of Facilities with the dedicated manpower, takes care of collection, segregation and disposal of wastes, safely. Wherever possible, suppliers are advised / negotiated to use minimum amount of packing materials thereby reducing waste generation. Manures produced using the bio composting (Yard Capacity (1.5 Tons)) of wastes are used in the kitchen-garden to produce the vegetables to the extent of (90 tonnes/year).

Resource Recovery Park is an integrated solid waste management facility created within KCT with an area of 50 cents within KCT campus. Waste generated in the campus are segregated and disposed responsibly through composting, upcycling, recycling, incineration and scientific land filling through this facility.Wastewater collected in the campus are treated in the Sewage Treatment Plant,

with an installed capacity of 10 LLPD, with a storage capacity of 2 Lakh litres, is used for gardening and irrigating the landscapes.

KCT, do not use any radioactive wastes in any form and so handling and disposal of these wastes do not arise. With respect to the biomedical wastes that arise out of the Campus-Clinic (Hospital), safe collection and disposals are ensured through Local Municipality Waste Collection system.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	**No File Uploaded**
Geotagged photographs of the facilities	[View File](#)
Any other relevant information	[View File](#)

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

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	[View File](#)
Any other relevant information	[View File](#)

7.1.5 - Green campus initiatives include

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

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
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions/awards** 5. **Beyond the campus environmental promotional activities**	**A. Any 4 or all of the above**

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance,	**A. Any 4 or all of the above**

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

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	**No File Uploaded**
Details of the software procured for providing assistance	View File
Any other relevant information	View File

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

KCT provides equal opportunity to the young aspirants in admission into various programmes to ensure equity and access in higher education. Students of different socio-economic status like are admitted and students who are from economically weak admitted under Tuition Fee Waiver (TFW) schemes of AICTE and State Government. Besides, students who belong educationally backward sections are given preference under the First Graduate (of the Family) Scheme (CCC students) during the admission.Also, students with meritorious record in sports, persons with disability, wards of ex-servicemen are given preference in the admission,following the norms of the DoTE.

KCT ensures equity among different communities by strictly following the Reservation Policies of State and Central Government and currently has students from SC/ST, OBC and other categories and such students are provided equal facilities and access without any gender and caste discriminations.

Inclusive environment provided by KCT also facilitates students with different linguistic and cultural backgrounds comprising Hindu, Muslim, Christians, Gujarathi, Sindhi, Jain, Sourashtrian, Rajput and other regionally dominant. Also geographical diversity or regional inclusiveness is demonstrated by admitting students from Andaman and Nicobar, Andhra Pradesh, Jammu and Kashmir, Karnataka, Kerala, Maharashtra, NCT, Pondicherry and a few foreign countries through NRI Quota.

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

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

The fundamental duties of the Constitution to create and promoting culture and enforcing the duties vis-a-vis the fundamental rights are followed at every level in the institution. Founder of the Institution was awarded with the highest civilian award Padma Bhusan by the President of India for the contribution and following values, duties and responsibilities relentlessly.

Indian Constitution, as a mandatory course, is taught to all students of UG thereby bringing an awareness on constitutional values, rights duties and responsibilities among everyone. Activities of NCC, NSS, Celebrating Independence Day & Republic Day emphasise the importance of National Flag and National Anthem, cherish and follow the noble ideals like Mahatma Gandhi, Swami Vivekanandha, Bharathiar and events related to freedom struggle.

KCT maintains equity among the students and employees, regardless to their regions, religions and linguistic backgrounds and maintain the dignity of everyone, in particular women students and employees. Courses related to heritage, culture and values are offered as the Open (FCLF) Electives for the students with different background into the same classroom. Courses related to Environment, activities of Microcosm, NSS, NCC, Clubs & Societies have the focus to protect and improve the natural environment like forests, lakes, rivers and promoting the presence of different flora and fauna inside the campus in addition to different kinds of birds including the National Bird – peacocks thereby abiding the Constitutional Values of India.

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

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

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

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

KCT, functions with a motto "Character is Life", plans to inculcate different values among faculty members and students. Founder of the Institution, LatePadma BhusanN Mahalingam himself was an ardent follower of Gandhian Principles and Swami Vivekanandha's ideologies and facilitated publication of the Biography of Mahatma Gandhi. Through systematic approach Clubs and Societies, NSS, NCC, Microcosm and Professional Chapters organise and celebrate (i) Cultural Festivals, (ii) Important Days, (iii) Religion-Independent Festivals, (iv) Commemorative Days, (v) Important National Days and (vi) International Days.

Week-long celebrations are also organised during Gandhi Jayanthi, Literary Festival, Sarvodaya Week, Road Safety Week and Yugam (Techno-cultural Events). During Nationally Important days likeIndependence Day, Republic Day, Teachers Day,Chairman, Correspondent, Joint-Correspondent address the faculty members and students to showcase their commitment in such value-based events and nurture the patriotism, commitment and dedication to the

profession and country. In order to continuously reinforce the contributions of national leaders, among the young students, common facilities are named after the leaders like – Mahatma Gandhi Study Centre, Vivekananda Student Centre, Seminar Halls named after Vikram Sarabhai, Vishveshwarya and full-body statue of Swami Vivekananda has been installed in the Institution.

Gandhi Jayanthiis celebrated every year to commemorate the doctrine of nonviolence and special gathering is arranged for faculty and students with a special speech.Pongal is a traditional festival celebrated to acknowledge the sun, rain, soil, water, and cattle.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practice - I

Title of the Practice :Project Based Learning for B.E./B.Tech Students

Objectives of the Practice :

Project Based Learning strives to

- Create a student-centric teaching-learning process.
- Develop socially relevant engineering projects & project ideas.
- Create socially responsible engineers, thereby supporting the development of the social system.
- Give real-time exposure of engineering projects with industry standards.
- Equip the candidates with necessary skills and technical knowledge required for placement.

- **Enhance the communications skills and soft skills of the students**

Best Practice- II

Title of the Practice: ProtoSem – Prototype Semester

Objectives of the Practice :

ProtoSem is an Open Innovation Fellowship Program, designed and developed by KCT-Forge Academy embedding an innovation-centred approach to engineering education. The program enables students with the necessary skills and competencies to solve real-world problems and develop tech-enabled solutions for the needs of industry, corporations, startups, and society.

File Description	Documents
Best practices in the Institutional website	https://www.kct.ac.in/wp-content/uploads/2023/07/Best-Practices-21-22.pdf
Any other relevant information	**Nil**

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Innovations in Education

KCT has been introducing innovative features in the Regulation and Curriculum and was one of the first Engineering Colleges in TN to plan for CBCS in 2009. Suggestions and participation of stakeholders in addressing future manpower helped KCT to start distinct programmes, MBA – Innovation, Entrepreneurship and Venture Development, MTech – Technology Management and revising curriculum to achieve 90% plus courses focusing on Skill Development, Employability and Entrepreneurship

Innovations for Research

On realising the needs to enrich education through research findings, KCT started its efforts by establishing research laboratories, support systems and different centres. Students are inducted as interns at Re, iQube, Garage, KC.IRI and Forge

Accelerator with financial incentives and are involved in projects funded by various agencies. IP Cell created through Institutional Innovation Cell facilitates dissemination of research, supporting IP claims through patents/copyrights.Coimbatore Innovation and Business Incubator, supported and catalysed by DST provides a platform to students, faculty members and public to incubate new ideas into products/processes.

Innovations for Quality

Quality has the focus on Life of Students and Faculty on Campus, ensuring sustainable measures within the campus, networking with communities, villages and industries for enhancing livelihood of public. Supporting the artisans, retaining traditional culture and values by coordinated efforts of Management, Faculty Members and Students are seen as the best practices.KCT has established Microcosm with a focus to ensure the implementation of sustainable practices in using natural resources, waste management and introducing innovation.

File Description	Documents
Appropriate link in the institutional website	https://www.kct.ac.in/wp-content/uploads/2021/12/institutional-Distinctiveness.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. Introducing new programmes in MBA.

2. Increasing the intake of students in computer cluster.

3. NBA accreditation for 75% of eligible programmes.

4. MoUs with prominant institution and industries.

5. Sustainable Campus.

6.Increasing institution visibility.