YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution   Kongu Engineering College

- Name of the Head of the institution   Dr.V.Balusamy

- Designation   Principal

- Does the institution function from its own   Yes
  campus?

- Phone No. of the Principal   04294220583

- Alternate phone No.   04294226555

- Mobile No. (Principal)   9942820583

- Registered e-mail ID (Principal)   principal@kongu.ac.in

- Address   Perundurai RS Road,
                                                 Thoppupalayam,Perundurai

- City/Town   Erode

- State/UT   Tamil Nadu

- Pin Code   638060

2.Institutional status

- Autonomous Status (Provide the date of   25/07/2007
  conferment of Autonomy)

- Type of Institution   Co-education

- Location   Rural

- Financial Status   **Self-financing**

- Name of the IQAC Co-ordinator/Director   **Dr.N.Senthilnathan**

- Phone No.   **04294226549**

- Mobile No: **9842783745**

- IQAC e-mail ID   **accreditation@kongu.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year)   https://kongu.ac.in/iqac/aqar/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://coe.kongu.edu/acschedule.php

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A+**	**3.13**	**2016**	**19/02/2016**	**18/02/2021**
Cycle 2	**A++**	**3.52**	**2022**	**29/03/2022**	**28/03/2027**

6.Date of Establishment of IQAC   **02/06/2015**

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
EEE	**TMD-WCE**	**DST**	**03/06/2021**	**28.65200**
Food Technology	**TDT-WMT**	**DST**	**01/07/2021**	**107.09518**
Civil	**Student Project**	**AICTE**	**19/08/2021**	**2.00**
MTS	**Ad-hoc Research Scheme**	**ICMR**	**22/12/2021**	**18.00**

MTS	TARE	SERB	21/12/2021	18.30
Mechanical	TARE	SERB	04/01/2022	18.30
Chemical	Student Project	IIChE	03/02/2022	0.10
Chemical	Student Project	IIChE	03/02/2022	0.10
Mechanical	TDT-AMT	DST	09/02/2022	39.89708
CSE	RPS	AICTE	18/02/2022	9.14333
Food Technology	Student Project	TNSCST	11/03/2022	0.075
CSE	Student Project	TNSCST	11/03/2022	0.075
Chemical	Student Project	TNSCST	11/03/2022	0.075
Civil	Student Project	TNSCST	11/03/2022	0.075
EIE	Student Project	TNSCST	11/03/2022	0.075
Mechanical	Student Project	TNSCST	11/03/2022	0.075
MBA	Student Project	TNSCST	11/03/2022	0.075
MBA	Research Project (Major)	ICSSR	14/03/2022	6.00

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   **2**

- 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)

Orientation for newly joined faculty members on Accreditation, ISO and IQAC

ISO Surveillance Audit

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
Curriculum Aspects	Upgradation made in R2020 and approved by Board of Studies
Teaching-Learning Process	Progress in attainment of POs and PSOs
Research and Innovation Ecosystem	Improvement in Quality Publications
Infrastructure Development	Renovation of playground, gym and computing facilities
Student Support System	Training related to placement, higher education and entrepreneurship
Governance, Leadership and IQAC	Conducted regular internal and external audits
Best Practices	Green, Environmental and Energy Audit carried out

13.Was the AQAR placed before the statutory body?

Nil

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Academic Council	03/09/2022

14.Was the institutional data submitted to AISHE ?   Yes

- Year

Part A

Data of the Institution

1.Name of the Institution	Kongu Engineering College
• Name of the Head of the institution	Dr.V.Balusamy
• Designation	Principal
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• Alternate phone No.	04294226555
• Mobile No. (Principal)	9942820583
• Registered e-mail ID (Principal)	principal@kongu.ac.in
• Address	Perundurai RS Road, Thoppupalayam,Perundurai
• City/Town	Erode
• State/UT	Tamil Nadu
• Pin Code	638060
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• Autonomous Status (Provide the date of conferment of Autonomy)	25/07/2007
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• Location	Rural
• Financial Status	Self-financing
• Name of the IQAC Co-ordinator/Director	Dr.N.Senthilnathan

• Phone No.	**04294226549**
• Mobile No:	**9842783745**
• IQAC e-mail ID	**accreditation@kongu.ac.in**
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4.Was the Academic Calendar prepared for that year?	**Yes**
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• 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	No File Uploaded

meeting(s) and Action Taken Report		

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• If yes, mention the amount	

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Orientation for newly joined faculty members on Accreditation, ISO and IQAC
ISO Surveillance Audit

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Governance, Leadership and IQAC	Conducted regular internal and external audits
Best Practices	Green, Environmental and Energy Audit carried out

13.Was the AQAR placed before the statutory body?	**Nil**
• Name of the statutory body	

Name of the statutory body	Date of meeting(s)
Academic Council	03/09/2022

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
22/11/2018	22/11/2018

15.Multidisciplinary / interdisciplinary

Kongu Engineering College prepared Strategic Plan 2020-2025 with goals to develop Multidisciplinary approach, Technology assisted Self Learning using Virtual Labs and many others. Based on the Strategic Plan, College is moving forward to attain the goals in the year 2025. The institute established different Cell/Clubs in order to develop the multidisciplinary projects and research works at student's level, there by establish a learner centric model approach. To delineate flexible and innovative curricula the institute offers Environmental science in I Year, Universal human values in II year and Skill based training to face placement drives in III year.

16.Academic bank of credits (ABC):

Academic Bank Credits (ABC) will digitally store the academic credits earned by the students from Higher Educational Institutions. To fulfill the requirements of ABC, details of the students and their academic documents are collected and kept ready for uploading in the digilocker/ABC login. Also the benefits of implementing ABC will be communicated to the students. Kongu Engineering College has registered under Digilocker/ABC. The details are given below:

NAD ID: NAD012880

Institution Title: Kongu Engineering College

Institution Address: Perundurai Railway Station Road, Thoppupalayam, Perundurai, Erode-638060

Email Address: coe@kongu.ac.in

Registered Phone Number: 9842939403

Registered Aadhar No.: 805290871809

Registered Name: Shanmugam P

Input on Curriculum and Syllabus from faculty members are collected and discussed in the internal Board of Studies (BOS) meeting, which is attended by all members of faculty with minimum five years of experience. Draft Curriculum is framed in the internal BoS meeting with domain experts. This draft curriculum is reviewed by the Programme Assessment Committee (PAC) and subsequently are finalized in the BoS meeting. The recommended Curriculum and syllabus is approved in the academic council meeting. In all the three levels of meeting faculties are encouraged to play active role.

To implement ABC, the institute has already registered in the portal. Admin role allotted in the institute login to upload the student's credit details. Institute admin browse through www.abc.gov.in and get familiarize the details of uploading in the portal. In the institute login, verification of the account is pending from DigiLocke/ Academic Bank Credits end. Only after the verification process, it will be possible to upload the student's details and relevant documents. The mail regarding the "Verification of the account pending" was communicated to nad.support@digitalindia.gov.in for which the reply is yet to be received.

17.Skill development:

Kongu Engineering College strives to provide holistic development for the students by offering value-based quality multi-disciplinary education.

- In order to prepare the students towards industry revolution 4.0, computer programming knowledge, coding skills, skills on design tools, IoT and Artificial Intelligence are provided to all the students.
- Practice based teaching, learning and evaluation methods with software tools are followed to enhance the skills.
- Courses on Value Education / Yoga and Values for Holistic Development and Professional Ethics and Human Values / Universal Human Values are included in the curriculum to ensure the value-based education.
- Proposed to introduce a course on 'Arivial Tamil' during

the first year Engineering.

- 102 faculty members of KEC have been trained through AICTE – FDPs on Universal Human Values

- Specific students-centric clubs such as NSS, NCC, Yoga and Meditation Club, Cultural Club etc. provide active forums to develop the ethical and human values. In addition, helping children of orphanages is one of the activities through which students directly practice the learnt values.

- To enhance the multidisciplinary skills, 15% to 25% of the curriculums of various programmes consist of Professional Electives and 3 to 4 Open Elective courses that include foreign language courses such as Japanese/German/ French/ Spanish, NCC, and Online courses from NPTEL, SWAYAM etc.

- One/Two credit courses with industry experts are provided to bridge the gap between the industry and academic institution.

- Professional Skill Training Phase-I and Phase-II with minimum 80 hours each and 2 credits each are provided to all UG programmes.

- To enhance the practical knowledge, students are encouraged to complete 2 or 3 projects as part of the curriculum.

- Students are provided with the flexibility of taking additional courses in the early semesters and earn more credits under the scheme titled "Fast-track". Such students, in the final year, are permitted to undergo one year/one semester full time internship.

- Four Credits are provided for students' start-ups/ entrepreneurial activities.

- In order to improve the coding skills, coding platform has been formulated and actively functioning which conducts minimum one contest per month.

- Training in soft skills, analytical, logical reasoning and verbal reasoning for about 300 hrs are provided.

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

Kongu Engineering College located in a rural area admits students from rural background and mostly from local tamil medium schools. To promote their skills in different cultures it operates a student club called cultural and music club where students acts as office bearers and mentored by faculty coordinators. Round the year activities are conducted as per the plan. Every year, a two-day intercollegiate event called "SKETCH" and a two-day intramural event titled "ENTHUSIA" are held where various performances showcasing Indian culture are staged. In total 24

clubs are actively functioned in Kongu Engineering College to promote such activities. 'Tamil Mandram' is one such club to nurture the local language among youths by conducting oratorical and traditional events bringing experts from various institutions and firms. Recently it received AICTE-SPICES grant to a tune of Rs.1 lakh.

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

Academics has always been the major focal point in Kongu Engineering College (KEC) since its inception in 1984. Well defined academic policies, expert sessions by industry experts and senior academicians, use of ICT to ensure effective delivery of quality teaching and knowledge dissemination are a hallmark of KEC. The National Board of Accreditation (NBA), a body for promoting international quality standards for technical education in India has started accrediting only the programmes running with Outcome Based Education (OBE) from 2013. The motivation for implementing OBE at KEC is to transform a skilled graduate to a competent graduate. The transition of OBE at KEC involved three groups. OBE from Core team has been transformed to select faculty members across each department called Transformational Agents (TAs). Each faculty transferred their learning experience on OBE to their department colleagues to impart the same to the learners. Each faculty in turn transformed the same to the learners in the classroom in various forms. OBE from the Core Team was delivered over the course of a four-phase residential session. The workshop was carefully designed to impart the necessity of OBE. The first phase insisted on the importance of the Outcome Based Learning Teaching (OBLT) and certain activities were performed to make them understand the importance of OBE and its benefits. The second phase concentrated on the details of imparting the knowledge on Outcome Based Curriculum design (OBCD) and Outcome Based Assessment and Evaluation (OBAE) for effective implementation of the OBE at the campus. With these acquired knowledge and experiences, TAs conducted sessions for the faculty and transferred the knowledge.

20.Distance education/online education:

At present we encourage Faculty and Students to register courses in NPTEL, Coursera, Future skills by NASSCOM, Digital skills by AICTE, AWS, Microsoft AZUR and many other online courses. Recently Tamilnadu Government launched a scheme called Naan Mudhalvan. Through this scheme many courses are offered in the emerging area and skills required for students to get placement in reputed companies or become an entrepreneur. Students are

encouraged to enroll the courses by means credit transfer in VII and VIII semester.

In addition to Naan Mudhalvan scheme, Nalaiya Thiran professional training for innovation, employability and entrepreneurship are being implemented under blended mode of teaching and learning to provide experiential based learning. This experiential based learning is provided for all the final year students of CSE, IT & ECE. This course being organized in collaboration by Anna University, Chennai, IBM, ICT Academy and Government of Tamilnadu.

Extended Profile

1.Programme

1.1	**32**
Number of programmes offered during the year:	

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

2.Student

2.1	**7706**
Total number of students during the year:	

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

2.2	**2177**
Number of outgoing / final year students during the year:	

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

2.3	**7615**
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	**1092**
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	**590**
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3	**590**
Number of sanctioned posts for the year:	

4.Institution

4.1	**930**
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	

4.2	**226**
Total number of Classrooms and Seminar halls	

4.3	**3590**
Total number of computers on campus for academic purposes	

4.4	**1943.85**
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

The local, national, regional and global developmental needs are clearly reflected in POs, PSOs and COs of all the programmes. Courses offered under various categories, namely Humanities and Social Science, Basic Science, Engineering Science, Professional Core, Professional Elective, Open Elective Courses and Employability Enhancement Courses, provide holistic and multi-disciplinary education. Courses on Value Education / Yoga and Values for Holistic Development and Professional Ethics and Human Values / Universal Human Values ensure value-based education. To enhance the multidisciplinary skills, 15% to 25% of the curriculums of various programmes consist of Professional Electives and Open Elective courses, including foreign language courses such as Japanese/German and online courses on NPTEL, SWAYAM etc. To showcase the practical knowledge gained, students are made to complete 2 or 3 projects as part of the curriculum. Projects address the issues of the local/ national/ global community and such projects have been converted to products. A few of them have also been patented.

Research work associated with the projects has been published in indexed journals. In regulation R-2020, 4 credits are provided for students' Start-ups entrepreneurial activities. BE/BTech Honours degrees are offered (upon approval from Anna University) to the students in emerging areas listed by AICTE.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	https://academic.kongu.edu/2020/

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

16

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

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

1427

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	View File

1.2 - Academic Flexibility

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

362

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
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

32

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

Gender Equality:

A course on Professional Ethics and Human Values [PEHV] has been included in the curriculum in which gender equality is taught to all UG students. In KEC, boys and girls are treated equally in all respect, be it curricular or co-curricular activities.

Environment & Sustainability:

In order to inculcate the importance of environment and sustainability, courses such as Air Pollution Management, Environmental Impact Assessment, Renewable Energy Sources, Energy Auditing and Energy Management, Green Computing, Wastewater Treatment, Energy Management in Process Industries, Industrial Wastewater Treatment, Bio Energy Conservation Technologies and Environmental Studies are offered as open elective courses to all students in the curriculum. A course on Environmental Science is provided as a mandatory course for all UG programmes. Human Values and Professional Ethics:To ensure holistic development and value-based education, courses on Value Education and PEHV /Universal Human Values have been included in the curriculum.64 faculty members of KEC have been trained through AICTE - FDPs on Universal Human Values and another 20 faculty members have currently registered to attend similar FDPs. As mentioned in the Vision and Mission statement of the institution, value-based education is an important objective of the institution.

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	View File

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

101

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	View File

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

4680

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

3150

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is	A. All 4 of the above

obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

File Description	Documents
Provide the URL for stakeholders' feedback report	https://academic.kongu.edu/feedback/
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://academic.kongu.edu/feedback/
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

1982

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)

738

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.

Programmes for Advanced Learners:

Advanced learners are induced to perform more effectively in their academic and gaining outside exposure by giving value-added courses and NPTEL/SWAYAM online courses. The students are also motivated for preparing competitive examinations like GATE, CAT, UPSC, GRE, TOFEL, IELTS etc., to pursue their higher studies and achieve their occupational interest. The other language coaching classes are also arranged for the advanced learners to learn Hindi and foreign languages like Japanese and German. The students who perform well in academics are provided with the flexibility of doing their Eighth semester courses in fast track mode or course exemption through acceleration scheme, which enables them to undergo full time internship or involving them in industrial project work in various reputed industries/institutions.

Programmes for Slow Learners:

Slow learners are given additional inputs by conducting remedial classes and open book test. When required, the students can contact the faculty members for clarifying their doubts. Mentoring System is in practice to resolve the difficulties faced by the slow learners both academically and personally. Slow learners are regularly monitored and counseled by the mentors. Arrear coaching classes has been conducted for the existing students those who need more attention to clear their arrears.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://naac.kongu.edu/aqar/2021_22/cr2_2_1/

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2022	2177	562

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:

KEC effectively implemented OBE through activity based learning that includes experiential learning, participative learning and problem solving methodologies.

Experiential Learning:

- Apart from the regular laboratory sessions, mini projects in theory courses enable the students to develop working models demonstrating the skills of learning
- Industrial visits are regularly arranged to enhance the practical knowledge of the students.

Participative Learning:

- Students at KEC showcase their self-learning capability by taking one credit courses, value added courses, Swayam/NPTEL courses and competitive examinations. Students have successfully completed the NPTEL courses with many Silver and ELITE certification
- Innovative and Activity based teaching-learning methods followed at KEC: Model-based, Interactive Session, Jig Saw, Role Play, Video based, Story Board, Demonstration and Think Pair Share enable the students to shift from competitive to competent environment

Problem Solving Methodologies:

- Objective type questions in higher level of thinking are given as tutorial / other assessment to focus on critical thinking
- Real time assignments and case studies enable the students

to provide the solutions for real world problems
- Simulation tools and Virtual labs are effectively used to provide hands on experience to students in analytical/ Problem Solving approaches

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	[https://naac.kongu.edu/aqar/2021_22/cr2_3_1/](#)

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

The members of faculty of KEC, make use of Information & Communications Technology (ICT) enabled tools (including online resources) for teaching learning process.

- Classrooms are furnished with LCD projectors to facilitate technical presentations (seminars /workshops) and telecast educational videos
- Laboratories, Seminar Halls, Auditorium, Senate conference Room and other conference rooms are equipped with ICT tools and enabled Wi-Fi 24x7
- Computer laboratories with high speed internet connection are available for research paper presentation, seminars, debates, group discussions, assignments, quiz / tests / viva and laboratory work
- ORELL Digital Language software is installed for enhancing communication skills
- Google classrooms are used to post course contents, conduct quizzes, maintain lab records and assignments
- Online drawing tools like concept maps and mind maps are used for student centric activities
- Smart classroom is available as additional learning resource to create video lectures and uploading the same for knowledge sharing among the students
- Digital and Jam boards are utilized to conduct online classes for mathematics and problem-oriented courses
- Online e-resources like National Programme on Technology Enhanced Learning (NPTEL) and you tube lectures are exploited for effective teaching-learning process
- Advanced Digital Library is highly active

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://kongu.ac.in/iqac/facility.php
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

562

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

Academic Calendar and Teaching plans by the institution

The college adheres to academic calendar provided by the Controller of Examinations (CoE) office for Conduction of continuous internal evaluation system. The CoE Office is responsible for the announcement of academic schedule, preparation of question papers, conduct of examinations, evaluation of answer scripts and declaration of results and issuing of grade sheets. Every academic year, students take up End Semester Examinations (ESE) in November and April. The Controller of Examination also ensures a smooth functioning of the Continuous Assessment Tests (CATs).

Academic plan issued by CoE includes the dates of commencement and closure of classes,schedules of internal exams end semester examination, tentative dates for practical exams, viva-voce and theory examinations. The teacher uses the academic plan for preparing course plans and follows the guidelines issued by CoE. The schedule of external examination will be fixed by the CoE and displayed on common / departments notice board and posted in CoE web portal (http://coe.kongu.edu/) for easy access. After the

assessment of answer scripts, the scripts were distributed to the students for clarifying their doubts.

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

562

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

234

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	**No File Uploaded**

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

10

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

60

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

358

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	**No File Uploaded**

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

All the examination and evaluation process are carried out with the help of in-house developed software.

Processes integrating IT:

1. **An exclusive web server in demilitarized zone with firewall security**
2. **Authorized access by the COE to the web portal**

3. **Data storage and uninterrupted power supply backup**
4. **Student's daily attendance and Marks for CA test are entered in 'Inspro Plus' Automation system**
5. **Previous question papers as archives, examination schedule and ESE results are published in the website for easy access**
6. **Photo copier machine interfaced with computer**
7. **A3 & A4 size Colour Printer for printing the Grade Sheets**
8. **Student's verification is done through online and digital mode.**
9. **Online transcript system is implemented for the passed out students.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://academic.kongu.edu/

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

The institution follows "Outcome Based Education" in alignment with National Board of Accreditation (NBA) and accordingly, along with the 12 Program Outcomes (POs) defined by NBA, 2 to 4 Programs Specific Outcomes (PSOs) are framed for each programme. The curriculum composition is carefully designed to attain the defined POs and PSOs. The Course Outcomes (COs) are formulated for all the courses (5 or 6 COs for theory courses, minimum of 3 COs for practical courses, 7 COs for theory cum practical courses and 5 COs for project work). Also, COs are mentioned in the continuous assessment test and end semester examination question papers along with its Bloom's knowledge level for each question.

The POs, PSOs and COs are published in the college website and syllabus book. The dissemination of the same to the stake holders such as Faculty, Students, Alumni, Parents and Employers are done as mentioned below:

1. Displayed in College Website

2. Course Plan is given to the students at the beginning of each semester indicating POs, PSOs and COs

3. Discussion in the Induction Programme

4. Displayed in the department prominent places like:

- **HOD Room ,**
- **Class Rooms**
- **Laboratories**
- **Display Boards**
- **College Calendar**
- **Faculty Cabins**
- **Seminar Hall**

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	[View File](#)
Upload any additional information	**No File Uploaded**
Link for additional Information	https://academic.kongu.edu/

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

Course Outcomes (COs), Program Outcomes (POs) and Program Specific Outcomes (PSOs) are evaluated through direct and indirect assessments.

Direct Assessment:

Theory Courses :Continuous Assessment Tests (CAT),Assignments,Seminar / Tutorial / Quiz / Practical Oriented Assessment / Mini Project etc. and End Semester Examination are considered for CO-PO attainment calculation.

Laboratory Courses :Continuous Assessment (CA) and Model Examination

Design Project and Project work :Continuous assessment through Reviews and Report Evaluation

Value Added Courses /One Credit Courses :Assessment Test

Overall attainment of COs (Theory) for R14 = 0.4*CIA attainment+ 0.6*ESE attainment

Overall attainment of COs (Theory) for R20 = 0.5*CIA attainment+ 0.5*ESE attainment

Overall attainment of COs (Practical) = 0.75*CA attainment + 0.25*Model Exam attainment

PO & PSO attainment = (Overall COx Attainment)* (Mapping value of PO and PSO for COx) where, x is the number of COs

Indirect Assessment:

The survey results from Graduates, Alumni, Employers, Course End Survey and assessment with respect to other co-curricular & extracurricular activities (from student portfolio) are recorded as attainment level of POs through indirect assessment.

Overall POs and PSOs Attainment:

The overall attainment values are calculated by considering 80% weightage to direct assessment and 20% weightage to indirect assessment

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://academic.kongu.edu/

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

2144

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	https://kongu.ac.in/iqac/insdist/annual_report_2021_22.pdf

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://kongu.ac.in/iqac/student_survey/2020_21_%20Feedback.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

The Research and Development (R&D) activities at Kongu Engineering College are accomplished by young, energetic and experienced faculty members. All the faculty members are motivated to do research along with their academics.

Objectives:

- To acquire new scientific knowledge
- To design novel methodologies in all fields of Engineering and Technology
- To develop new tools and techniques to expedite problem solving with special emphasis on rural and socially relevant issues

The faculty members are encouraged to apply proposals to various funding agencies for research project and to conduct programs. Financial support is provided to faculty members for attending/presenting papers in National/International Conferences. Ithenticate plagiarism software packages are utilized for checking plagiarism before submitting proposals/papers to funding agencies and journals. Apart from funding agencies, the Institution also provides SEED money to potential faculty members to carry out internal projects and encourage them in their research activities. Collaborative research is also encouraged with other higher education institutions within India and abroad.

- The financial assistance is being provided to faculty/staff/students for filing of patents/other IPR-related activities/Journals.

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://rnd.kongu.edu/research_policy.php
Any additional information	View File

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)

1.17

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
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	View File

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

2

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	View File

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)

211.13

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	View File

3.2.2 - Number of teachers having research projects during the year

18

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://rnd.kongu.edu/gist.php
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

135

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

9

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://naac.kongu.edu/aqar/2021_22/cr3_2_4_Funding_Agencies_Link.pdf
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.

The institution has created an excellent and well-balanced ecosystem for innovation, creation and transfer of knowledge supported by TBI, Community Radio, IIC and EMDC.

The Technology Business Incubator, (TBI@KEC), established in 2003, as a joint venture by KEC with support of National Science and Technology Entrepreneurship Development Board, DST, Govt. of India at cost ofRs.3.95 crore. It promotes innovation and entrepreneurship in cutting edge technology areas. TBI has established NIDHI PRAYAS Shala-Rapid Prototyping lab, at cost of 1 crore. 23 products have been launched and 24 incubatees received financial support of Rs.2.125 crore. The DST under NIDHI PRAYAS scheme sanctioned Rs.7 crore to TBI@KEC. Totally 5 patents have been granted and 11 Awards were won by incubatees.

Kongu Community Radio Service (Kongu CRS), established in 2005, serves the cause of people through programmes on education, health, environment, agriculture and community development.

Institution's Innovation Council (IIC)@KEC has created an ecosystem for supporting young minds toward innovation and entrepreneurship. It provides assistance for successful start-ups of faculty and students. They are encouraged to convert innovative ideas into working prototypes.

Entrepreneurship and Management Development Centre (EMDC)@KEC launched in 2003 also promotes entrepreneurship via organizing Sponsored Entrepreneurship Awareness Programme, Start-up Mania, Workshops etc.

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

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

79

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

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	View File

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

68

File Description	Documents
URL to the research page on HEI website	https://rnd.kongu.edu/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	**No File Uploaded**

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

2.28

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

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

0.67

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://rnd.kongu.edu/books.php

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

2430

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

62

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)

51.38

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	View File

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

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
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

To spruce our students with social responsibility, we encourage them to serve the nearby community living around our campus. Our college has 3 NSS units with 600 active student members. In addition, the institute comprises a vibrant NCC unit with 104 active NCC cadets along with an Air-wing extension. The institute also has many clubs and cells which provide extension activities in the neighborhood community. Some of the significant social activities conducted for the benefit of nearby communities are:

1. Tree Planting Activity was conducted as awareness about tree planting on World Environment day.

2. Quiz competition was conducted on Environmental day and Yoga day to create awareness on Yoga.

3. Cadets of KEC NCC composed Jingle for the International Yoga Day (2021), Jingle Composition Competition.

4. Pledge on Integrate and Encourage Yoga through Life.

5. Poster creation Competition.

6. Drawing Competition on Yoga day.

7. Commemoration on 22nd Anniversary of Kargil Vijay Diwas.

8. A Guest Lecture was given by Wing Commander K. Jayandan on the topic of "Career in Indian Air force for engineering graduates".

9. 75th Independence Day was organized with NCC drill and Flag honor.

10. Pledge on Fit India Freedom run

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

11

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	View File

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)

53

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

3549

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

1161

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

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)

46

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	View File

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.

KEC has the state-of-the-art facilities on almost all the aspects pertaining to teaching-learning process.

- **All the classrooms have Wi_Fi connectivity and most of the classrooms have LCD Projectors.**
- **Each Department has Seminar Hall for conducting Department**

- level programs. Totally 16 Seminar Halls are available. Maharaja auditorium with a seating capacity of 630 is available.
- In order to conduct College level programs, 'Kongu Convention Centre' with a seating Capacity of 4500 is available.
- Each Department has well-equipped laboratory facilities over and above the mandatory requirements as per the curriculum.
- Central Library, with adequate number of titles and volumes of text and reference books, is available for students and faculty members. Apart from Central Library, each department has its own Department Library.
- Totally 3590 computer systems, connected to internet through a leased line with a bandwidth of 1.4 Gbps with Fortinet firewall 1100E, QNAP Backup storage service, 503 CCTV Cameras, are available in the campus.
- In order to support ICT based teaching-learning process, each building, including hostels, has Wi-Fi facility. The number of Wi-Fi access points available in the campus is 496.
- Study materials and online video lectures are posted in the Google Classroom for each subject for improving the teaching-learning process.

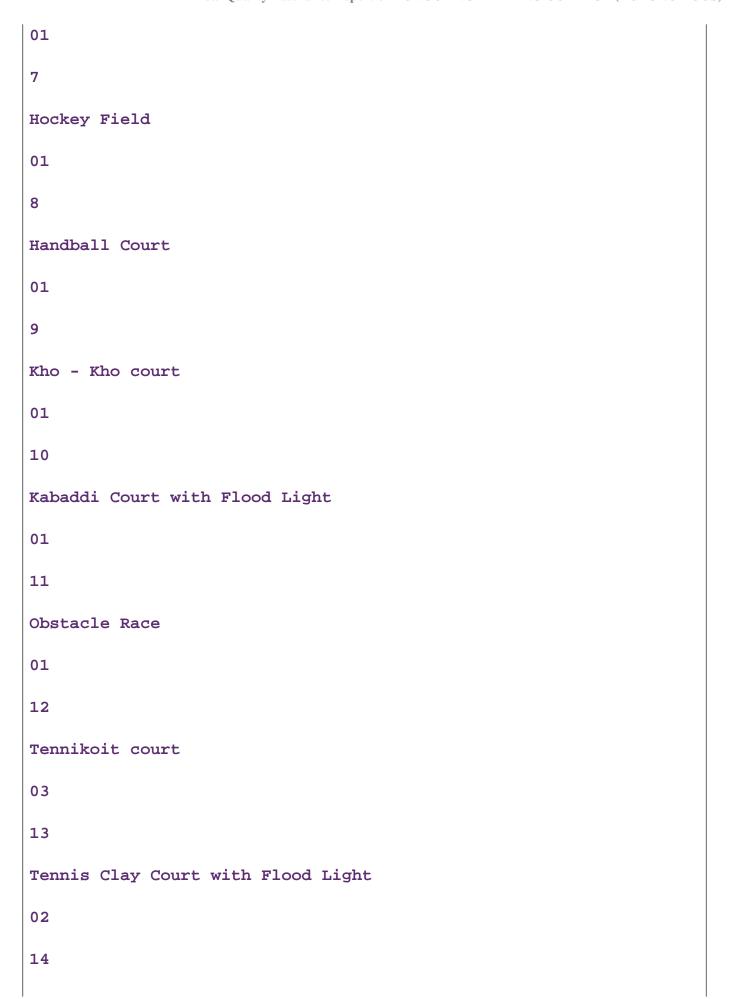| File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://kongu.ac.in/index.php

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

KEC gives utmost importance to instill the spirit of sportsmanship in technical students, to help them learn discipline, leadership quality, team work and also encourage them to participate in Sports & Games, in order to lead a healthy life. The institute has more than adequate infrastructure for such activities.

Indoor Facilities

There is a multipurpose Indoor Stadium housing 3 Badminton Courts, one Volleyball Court and 6 Table Tennis Boards. An Indoor Gallery with 250 seating capacity is available.

Outdoor Facilities

Following Outdoor Sports and Games facilities are available.

Total area of play field – 8 acres.

S.No

Outdoor Facilities

Nos

1

Athletic Track - 400 MTS

01

2

Ball Badminton with Flood Light

01

3

Basketball Court with Flood Light

03

4

Cricket Field

01

5

Cricket Nets (Concrete)

02

6

Football Field

01

7

Hockey Field

01

8

Handball Court

01

9

Kho - Kho court

01

10

Kabaddi Court with Flood Light

01

11

Obstacle Race

01

12

Tennikoit court

03

13

Tennis Clay Court with Flood Light

02

14

Tennis Wall Practice

01

15

Volleyball Court with Flood Light

03

Other Sports and Fitness Facilities

- **Acupressure Walk Way**
- **Parallel Bars**
- **Horizontal Bar**
- **Roman Ring**
- **Rope Climbing**

File Description	Documents
Geotagged pictures	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional information	https://kongu.ac.in/facilities/sports.php

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

226

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)

1663.94

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)

Library is automated using Integrated Library Management System (KOHA-RFID) software available since 2022. Koha is free software and database has been used in mysql.

Book Entry

The various details of the books like Accession number, Title, Authors etc are added to ILMS Database. In addition, back volumes, Projects, Thesis reports and CDs, DVDs details also entered.

Number of Books Issued

First year UG Students can borrow 4 books per semester; other UG and PG Students can borrow 6 books. The Students can retain the books for one month. Faculty, Research Scholars, Non-Teaching staffs can avail 6, 6 and 2 books respectively.

Self Issue & Return

Books are self issued & returned through computerized KOHA with RFID ID card and Biometric process.

WEB OPAC

The users can search the books through the website Online Public Access Catalogue.

Digital Library

7620 digital copies of sources like GRE, GMAT are available. 535 Audio and Video Cassettes are available in the department Libraries. It provides Online Electronic Database like IEEE, ASME, SPRINGER, ELSEVIER, ASCE etc. All e-journals and e-books purchased

in library can be accessed through Remote access and Intranet.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://kongu.ac.in/facilities/library.php

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)

63.6

File Description	Documents
Audited statements of accounts	[View File](#)
Any additional information	[View File](#)
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

747

File Description	Documents
Upload details of library usage by teachers and students	[View File](#)
Any additional information	[View File](#)

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

Internet, Networking and Surveillance Facilities

An uncompressed bandwidth of Leased Line Internet Connection upgraded to 1 Gbps bandwidth at the cost of Rs.30,77,517/- is provided for all the computers available inside the campus. These are connected through 1Gbps LANOFC connections with TCP/IP backbone. Networking distribution switches were upgraded at the cost of Rs.7,46,640/- in 2021, andRs. 27,83,663/- in 2022. To increase surveillance area of the campus additionally 96 cameras with dedicated storage along with NVR were installed at the cost of Rs. 15,70,442/-. Symantec endpoint protection was renewed at the cost of Rs.2,24,908/-.

Server Facilities

Firewall hardware and software license were purchased in the year 2021 at the cost of Rs.51,33,000/. A Super Micro -GPU server was established in the year 2021 at the cost of Rs.12,91,500/-.In addition, DELL Unity storage was upgraded and QNAP storage device was established in the year 2021 at the cost of Rs.3,43,460 /-.

Software Up-gradation

College has Microsoft campus agreement which was renewed for the year 2021,2022 at the cost of Rs.9,08,546/- to enable the students to work and develop projects using Microsoft related tools and technologies. MATLAB campus suite was purchased at the cost of Rs.15,44,030/.

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
7685	3590

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	[View File](#)

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	https://kongu.ac.in/iqac/facility.php
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)

1933.0

File Description	Documents
Audited statements of accounts	[View File](#)
Upload any additional information	**No File Uploaded**

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.

- **Adequate in-house staff is employed to maintain hygiene, cleanliness and infrastructure on the campus to provide a congenial learning environment. Classrooms, Staff rooms, Seminar halls and Laboratories, etc are cleaned and maintained regularly by Non-teaching staff assigned for each floor. Wash rooms and rest rooms are cleanly maintained. Master Dustbins are placed in every floor in addition to waste bin in each class rooms. The Green Cover of the campus is well maintained by a full-time gardener.**

- **Chief civil engineer and Chief electrical engineer and their teams are involved in the maintenance of infrastructure facilities. These teams look after the regular maintenance of civil works such as furniture repairs, masonry and plaster works, painting, carpentry, plumbing and housekeeping.**
- **Building-wise engineers have been assigned to all construction work, and they are responsible for all civil works, plumbing, water supply, furniture, electrification, and other maintenance activities. A web portal maintained by Kongu ERP team is available to register and monitor the maintenance activities**

(https://kms.kongu.edu/maintenance/login.php).

Tracking mechanism is available to view the job status.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://kms.kongu.edu/

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

3945

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

555

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://naac.kongu.edu/aqar/2021_22/cr5_1_3/
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

2017

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

5.2 - Student Progression

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

1505

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

107

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

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

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

52

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

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

6

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

The institution has an active Student Council that functions with the prime aim of improving and enhancing the standard of the learning environment in the campus. The functions of the council are to address the grievances of the students, consider the

suggestions of the students and plan for further improvement. The council comprises of male and female students from each department and two male and two female students from the first year B.E. / B.Tech. Programmes. The council meets once in a semester. The minutes are recorded and actions are taken on the points discussed.

Representation students on Academic & Administrative Bodies / Committees of the Institution

- Various Students' Forums / Clubs / Cells listed in institute website are functioning in the College through which the students enthusiastically take part in different activities:
- Department Association Committee
- Course Monitoring Committee
- Sports Committee
- Cultural Committee
- Hostel Committee

In addition to playing active role as members in all these Clubs, Cells, Forums and Chapters, students of both genders act as office bearers like Chairman, Secretary, Additional / Joint Secretaries, Treasurers, Executive members where almost 35% of students will take the opportunity to experience the leadership role.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://naac.kongu.edu/aqar/2021_22/cr5_3_2.pdf

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

3

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

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

KEC Alumni Association is a Registered Society. The first batch of Kongu Engineering College Alumni bloomed in April 1988. KEC Alumni Association was formally inaugurated on 8th February 1997.The visions of the Alumni Association are: to act as a bridge between the students, management, faculty and alumni of Kongu Engineering College for mutual benefit and synergy; to build a better interaction through application of strengths and resources of alumni, student and faculty to improve the quality of society and to actively work for the relationship of the alumni for their career growth.

In addtion, KEC parent chapter has also been formed in the college with an advisor and representatives from each department. There are 4 local chapters and 3 global chapters functioning at Erode, Chennai, Bangalore, Coimbatore, North America, UK and South East Asia. The Alumni engage themselves in contributing to the college through various activities like delivering guest lectures, acting as chief guest for various events at the college, mentoring junior students and acting as Board of Studies members and expert members apart from providing industrial and placement linkages.The alumni association organises Silver Jubilee Meet, Decade Meets and reunion meetings every year.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://alumni.kongu.edu

5.4.2 - Alumni's financial contribution during the year	**E. <2 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

Vision of the College:

To be a centre of excellence for development and dissemination of knowledge in Applied Sciences, Technology, Engineering and Management for the Nation and beyond

Mission of the College:

We are committed to value-based Education, Research and Consultancy in Engineering and Management and to bring out technically competent, ethically strong and quality professionals to keep our Nation ahead in the competitive knowledge intensive world

Nature of Governance:

- **The Institute follows the guidelines from UGC, AICTE and Anna University and aims for continuous improvement through the implementations of ISO 9001 and IQAC norms and participating in NBA, NAAC, NIRF, ARIIA, etc.**
- **A Governing Council has been formulated with members from The Management, nominees from AICTE, UGC, DOTE, State Govt., Industry, External and Internal faculty members and convened by the Principal.**
- **Development of various policy decisions are done through Academic Council and are percolated to departments through Board of Studies, CCO's & HOD's meetings and Department Meetings ()**

Implementation of National Education Policy (NEP) and National Innovation and startup Policy (NISP) within the institute.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://kongu.ac.in/pages/vmq.php

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

Decentralization:

- **Effective decentralization of responsibilities is enforced**

within the campus. All the activities within the campus are categorized as Academic, Planning, Programme Implementation & Ranking, Industry relations, R&D, Student Affairs, Accreditation, Placement Training, Science & Humanities, Public Relations and Alumni

- For an instance, all the cells, clubs and professional bodies of our institution comes under the head of Student Affairs (https://kongu.ac.in/student.php)

Participative Management:

- Participative management is encouraged by including faculty members in the statutory bodies such as Governing Council, Academic Council, Finance Committee, Board of Studies, Disciplinary Committee, Anti Ragging Committee and other Institutional level committees.
- Course monitoring committees are formed in the department levels to monitor the teaching learning process and also to fine tune the activities. Strategies to improve teaching learning process and the academic environment are discussed
- In Students' council, representatives from all departments take part. For each semester a meeting is convened by the Principal to discuss the general issues relating to academics, placement, co-curricular activities, infrastructure facilities, etc.
- In Department level Student Associations, a number of co-curricular activities are planned and executed. A number of Clubs with Student centric activities are functioning in the college.

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	https://kongu.ac.in/

6.2 - Strategy Development and Deployment

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

Taking into account the path travelled (History of the institution, Growth Pattern, Present Status), a detailed SWOT

Analysis was done. Based on the analysis and deliberations, a strategic plan (2020-2025) has been devised considering the below aspects:

- Teaching – Learning Process
- Research and Development
- Human Resource Planning and Development
- Industry Interaction
- Community Engagement
- Internationalization

A system of monitoring and midcourse correction is also envisaged.

The accomplishment of those plans is evident through NIRF Ranking, Publications and R & D projects etc.

A simple case study on Research and Development activities is discussed below:

At present 259 faculty members are Ph.D holders. The number of publications in scopus, SCI, SCIE and ICI indexed journals are increased to 3243. On an average 200 papers were published per year before the implementation of strategic plan and now it is increased to 660 per year. Number of sponsored R&D projects is increased from 65 to 84. A sum of Rs. 2563.99 Lakhs was received as grant from various funding agencies. Seed money proposals are sanctioned worth Rs.109,44,000/- for deserving research projects and full time scholars are provided stipend from the Institution.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://kongu.ac.in/docs/KEC_StrategicPlan 2020-25.pdf
Upload any additional information	View File

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.

Kongu Engineering College is a great possession of the The Kongu Vellalar Institute of Technology Trust(KVITT). Correspondent interacts with Trust to frame directive principles and policies, amend and approve them from time to time and reviews the

functioning of college. Trust provides necessary funding to develop, maintain and improve the quality of infrastructure, faculty, teaching learning process and research. Correspondent regularly reports the trust through regular monthly meetings about the regular academic and administrative works that are carried out in the Institution.

Principal is the authority for all academic related activities and regular administrative functions. He interacts with Correspondent and rises proposals to provide the necessary resources to achieve the said goals, vision and mission. He is assisted by The Chief Co-ordinators (CCOs) and The Head of Departments (HoDs) in implementing the policies and ensuring the achievement of the goals. CCO's assist Principal to execute administrative and policy based activities related to affiliation, student affairs, planning, R&D, curriculum design, accreditation and ranking of the Institution. Hods are given autonomy in carrying out their academic functions. Different committees, cells and professional societies are actively functioning in the Institution with the participation of faculty members.

File Description	Documents
Paste link to Organogram on the institution webpage	https://kongu.ac.in/docs/KEC_OrganizationStructure.pdf
Upload any additional information	View File
Paste link for additional Information	https://kongu.ac.in/docs/rules_hr_policy.pdf

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	View File

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

The following are the welfare measures extended to the teaching and non-teaching staff of the Institute:

Faculty (Teaching Staff)

1.Group Insurance

2.Leave

3.EPF - Applicable to all faculty members

4.Gratuity

5.Sponsorship for Higher Studies – Ph.D. Full Time / Part Time, PDF

6.Sponsorship to attend FDP /Seminar / Paper Presentation / Conference – in India & Abroad

7. Revenue sharing with faculty in Consultancy / Testing

8.Cash incentive for Paper Publications, R&D work

9.Free Lodging facility to Faculty members who are staying in hostels

10.Residential Quarters facility for Faculty

11.Gold coin for Best Faculty award

12.Cash prize for Best Researcher award, Best Placement Co-

ordinators, Best IIPC Co-ordinators, Best performing Researcher
(R&D Projects)

Staff (Non-Teaching)

1.Group Insurance

2.Leave

3.EPF – Applicable to all eligible staff members

4.Gratuity

5.Revenue sharing with staff in consultancy / testing

6.Free Lodging facility to staff members who are staying in
hostels

7.Residential Quarters facility for Staff

8.Free Uniform and Shoes

9.ESI – Applicable to all eligible staff members

10.Gold coin for Best supporting staff (Technical, Non-Teaching,
Maintenance, Transport)

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://kongu.ac.in/docs/rules_hr_policy.pdf

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

118

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

35

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.)

968

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

Institution conducts internal and external financial audits regularly.

External Audit

Management-appointed External Auditor audits the annual accounts

regularly

Internal audit

The income and expenditure of the institution will be verified by the Registrar and the Principal on daily basis.

Office Superintendent and Accountant will check cash ledgers on daily basis.

Internal auditor C.Velumani appointed by the Management audits all the financial transactions of the college.

For the regular maintenance of accounts, the Staff members are also assigned duties.

The expenses of the college are incurred in accordance with the budget approved by the College Finance Committee every year.

Books of Accounts maintained in the college are audited annually by External Qualified Chartered Accountants appointed by the Management and the final audited report is discussed in the Annual Meeting of the Management Committee for further actions and suggestions.

Audit for Government Funds

The expenses made for the various grants received from Central, State governments and other funding agencies under various schemes including R&D projects and Funding/Sponsored Programmes. These accountsare audited by the Chartered Accountant appointed by the college and relevant Utilization certificate are duly signed by both the Principal and the Chartered Accountant.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://kongu.ac.in/docs/auditreport/2021_22.pdf

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)

3.82

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

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

Kongu Engineering College is a great possession of the committed Trust called 'The Kongu Vellalar Institute of Technology Trust' in Erode District, Tamilnadu. The noble trust has taken the institute to greater heights since its inception in 1983 and has established the college as a self finance college. The mobilization of funds is not an issue, though the college is being managed by a team of 41 philanthropists who are leading industrialists.

The institution is mobilizing funds and using optimum resources of the fund effectively throughout the years. The funds are mainly self-sufficient for the academic and research related activities of the Institution. The source of income is mainly generated from the students' fees. The fees collected from students are used for many academic development activities of the College. The hostel fee is collected from hostel students and used for operations and maintenance of Hostel.

Apart from these, other sources of fund mobilization is provided in additional information.

KEC has a separate finance committee headed by the Principal, which sanctions the financial budget every year and allocates the funds effectively to the needy. The committee also decides about various Income and Expenditure norms as well as programme approval norms.

File Description	Documents
Upload any additional information	*View File*
Paste link for additional Information	https://kongu.ac.in/docs/auditreport/2021_22.pdf

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 IQAC is continuously ensuring various quality assurance steps at all levels of the institution functioning as mentioned below:

1. Teaching Learning process – Outcome Based Education (OBE)
2. Institute Innovation Council (IIC)
3. Utilization of ICT Tools
4. Industrial tie-ups
5. Learning Resources
6. Research Publications and Patents

Example 1:

Teaching Learning process – Outcome Based Education (OBE)

Outcome based education (OBE) system has been implemented towards strengthening the learning potential of students. The implementation of Outcome Based Education in the teaching learning process produced the following benefits in comparison to the traditional teaching learning process.

- Flexible and holistic curriculum development process with stakeholders participation
- Significant skill development among the learners
- Learner-centered classroom approach rather than Teacher-centric
- Activity-based curriculum in which the teacher performs and the learner manipulates
- Collaborative and blended learning
- Emphasis on much needed soft skills

Example 2: Institute Innovation Council (IIC)

The main objective of functioning of IIC includes, conducting various innovative and entrepreneurial activities, Identifying and rewarding new innovations, Organizing regular workshops, seminars, interactions through successful entrepreneurs, investors and offering a mentoring support for student innovators, Conducting project expo among various domain students and Organizing

Hackathons, idea competition, startup ideas, mini-challenges etc.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://kongu.ac.in/iqac.php

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

IQAC has introduced an Online Faculty Appraisal System towards evaluating the performance of all faculty members. Similarly, a student feedback system is also introduced to collect feedback from all the students after completing a particular semester. In addition, IQAC conducts internal and external academic and administrative audits during every academic year.

Example 1: Academic and Administrative Audit

The Academic and Administrative Audit were carried out by TUV management Service during 26.02.2020. The audit team concentrated the following parameters in teaching learning processes.

- **Programme Structure and Content**
- **Curriculum Design**
- **Teaching and Learning Strategy**
- **Assessment methods / Student Evaluation**
- **Staff Development Activities**
- **Student Feedback**
- **Stakeholders Feedback**
- **Stakeholders Satisfaction**

Example 2: Internal Audit

Internal Audit is carried out at the end of each semester. Last internal audit was carried out during Dec 2020 towards ensuring the readiness to take up the external audit. The following is the audit findings and sample action taken report by individual departments.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://kongu.ac.in/iqac.php

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://kongu.ac.in/iqac/insdist/annual_report_2021_22.pdf
Upload e-copies of accreditations and certification	[View File](#)
Upload details of quality assurance initiatives of the institution	[View File](#)
Upload any additional information	No File Uploaded

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

- An Annual Gender Sensitization plan is published in the college website (https://kongu.ac.in/downloads/GEC_ACTION_PLAN.pdf) and awareness is created among the students.
- Women Development Cell (WDC) and Gender Equality Club organize Women empowerment lectures, awareness programs and various competitions for motivating the young female students.
- In every class, one girl student is made the class representative. The girl students are encouraged to be top-

- level executives of various cells and clubs. To promote women leaders, the female faculties are appointed as heads of different departments, cells and clubs.
- Girl students are encouraged to serve the society and the nation by actively participating in NSS and NCC. Their participation in NSS is around 30 - 40% and NCC is 14 - 25%.
- To encourage the girl students in curricular, co-curricular as well as extracurricular activities, KEC offers two special awards every year - "Best Outgoing Student (Girl)" and "Best overall Sports Person (Girl)".

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://naac.kongu.edu/aqar/2021_22/cr7_1_1_Gender_Equity_Report.pdf

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)

E WASTE MANAGEMENT

The E-waste management has been given due focus and all Electronic goods are put to optimum use, the minor repairs are done to set right the equipment by the staff and the Laboratory assistants and the major repairs, by the professional technicians, and are reused. Electronic waste items taken care by the Institute. Obsolete electronic items such as monitors, computers, batteries etc. are segregated and sold as scrap every academic year

WASTE RECYCLING SYSTEM

The wastewater originating from the bathrooms and toilets were collected by two pipe system, where the one pipe carries wastewater due to batching, washing of clothes, cleaning was collected in one pipe and the other one carries human feces and night soil. This system of collection facilitates proper and effective treatment and sewage disposal. The recycled water is utilized for plantation and garden area. An average of 5000 cu m/year for irrigating plants in the campus of an area about 82 acres.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	[View File](#)
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	No File Uploaded

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 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	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	No File Uploaded

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	View File
Details of the software procured for providing assistance	View File
Any other relevant information	**No File Uploaded**

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

Kongu Engineering College caters to the inclusive environment with diversity in terms of culture, region, linguistic, communal, socioeconomic and other aspects and is a big promoter of diversified environment in various ways.

Efforts to handle Cultural diversity

The institute supports students from diverse culture and environment. To accommodate cultural diversity, the institute encourages exchange of cross cultural ideas and also celebrates the festivals of different culture. The students from other states are encouraged to participate in the cultural festivals of Tamil Nadu also.

Efforts to handle Regional diversity

Apart from various districts of Tamil Nadu, the institute has got 96 students from the other states of India like Telangana, Andhra Pradesh, Jammu and Kashmir, Haryana, New Delhi, Bihar, Chhattisgarh, Jharkhand, Kerala, Pondicherry, Rajasthan, Punjab and Karnataka. Out of 48, 5 students of Jammu & Kashmir are admitted through Prime Minister's Special Scholarship Scheme (PMSSS).

Efforts to handle Communal diversity

The students and the faculty of all the communities and religions (FC -3.09%, BC-72.7%, BCM-2.62%, MBC-16.71%, SC/ST-4.78%) are a

part of this temple of learning which shows that the institute strives to provide conducive environment for all.

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 values are inculcated through courses in the curriculum namely Value Education, Yoga & Values for Holistic Development, Universal Human Values: Understanding Harmony and Professional Ethics & Human values.Through NSS, NCC, Rotract club, Self-Development Cell, Youth Red Cross, Energy-Environment club and Consumer Citizen clubs'various programs are organized to make the students to realize their rights, duties and responsibilities. Various programs organized are:

- **Environmental awareness programs- planting trees, campus cleaning**
- **Pasumai vanam – planted trees and created awareness about global warming**
- **Blood donation camps by NSS and other clubs along with the hospitals**
- **Aadhar Registration Camp – For the benefit of public**
- **Independence Day, Republic Day and Constitutional Day are celebrated to create awareness among the students about our Constitution, freedom struggle and our nation's history.**

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	**No File Uploaded**

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on	**A. All of the above**

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	

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	View File

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

Kongu Engineering College (KEC) provides outstanding supports towards celebrating national and international commemorative days, events, and festivals. 17 cells and clubs are active in KEC for the benefit of students' community. These clubs and cells join together and celebrate various events; for example, National-level events such as Independence Day, Republic Day, Teacher's Day, Gandhi Jayanti, World Student's Day celebration, World Kindness Day celebration, Children's Day celebration, Constitution Day, Engineers Day, Netaji Subash Chandra Bose Jayanti celebration, Ambedkar Birthday, National Unity Day, Armed Forces Flag Day, Parakram Diwas, Swachhata Pakhwada, NSS Day, NCC Day, Surgical Strike Day, Kargil Vijay Diwas Day, Eye Donation Week and so onlike World Health Day, International Yoga Day, International Women's Day, World Environment Day, Science Day, IPR Day, World Youth Day, World Consumer Day, World Water Day, World Population Day, World No Tobacco Day and so on. Further, regional festivals like Thai Pongal, Mattu Pongal (Thamizhar Thirunal Festival) are also celebrated.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
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

1.TITLE OF THE PRACTICE:

Industry oriented Curriculum Design and Teaching – Learning Process.

2.OBJECTIVES OF THE PRACTICE:

- **To promote direct industry linkages with the departments and enhance In-plant training, Industry visits, field/site visits, Industry projects and Internship's opportunities to the students and also to train the faculty in the recent advancements**

3.THE CONTEXT:

The Contextual features or challenging issues addressed are:

- **Providing provision in curriculum to accommodate Employability Enhancement Courses (EC) and industry oriented advanced courses satisfying both statutory body requirements and Programme specific demands**

4.THE PRACTICE:

- **98 MoUs are signed with reputed industries and Government organizations to enhance technicalexpertise of faculty and students.**

5.EVIDENCE OF SUCCESS:

- **Renowned industries have collaborated with KEC for Centre of**

Excellence (CoE) establishment: CoE in Robotics and Automation with Fanuc, Bengaluru, CoE in Energy and Building Automation with Schneider Electric India, Bengaluru, CoE in Product design and development for Automotive interior parts with Macbro, Erode, CoE in Data Sciences with Nvidia, Bengaluru and CoE in Energy Studies with Fluke Corporation.

6.PROBLEMS ENCOUNTERED:

- Finding slots with industries for student /faculty training during summer and winter vacations and for field visits are becoming difficult.

File Description	Documents
Best practices in the Institutional website	https://kongu.ac.in/iqac/best_practices.php
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)

"Transform Yourself" for Holistic Development

The theme of the institute is "Transform yourself" which is an umbrella term that covers major implications for everyone to set his or her mind to transform the self from one level to another level. Though KEC is located in a rural area, it offers opportunities for students at 360° for transforming themselves at various levels, from their admission to a particular course in the institute to the exit, leading to their holistic development, i.e., physically, mentally and emotionally. After admission, the students are given a platform to develop themselves in terms of knowledge, skills, behaviour and attitude. The institute facilitates knowledge enhancement through various teaching-learning methods and through making students to participate in various activities. Using the knowledge gained, the students are able to define a problem, conduct investigations and develop solutions.

The word 'Kongu' in Kongu Engineering College stands for the organized sector of people belonging to south India, who are known

exclusively for their discipline and humaneness.

Outcomes achieved by students

The achievements of the students can be viewed inhttps://kongu.ac.in/achievements.php

The achievements illustrate the success of KEC in implementing its core principle "Transform yourself" for the holistic development of students.

File Description	Documents
Appropriate link in the institutional website	https://kongu.ac.in/achievements.php
Any other relevant information	**No File Uploaded**

7.3.2 - Plan of action for the next academic year

- **Improve the Faculty industrial training**
- **Strengthen the Industrial consultancy activities**
- **ERP for CO, PO attainment calculation**
- **Organize refresher training programmes on OBE**