



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution		Kings Engineering College
• Name of the Head of the institution	Dr.T.John Oral Bhaskar	
• Designation	Principal	
• Does the institution function from its own campus?	Yes	
• Phone no./Alternate phone no.	04471224402	
• Mobile no	9444047238	
• Registered e-mail	principal@kingsedu.ac.in	
• Alternate e-mail	info@kingsedu.ac.in	
• Address	Opposite Hyundai Motors, Irungattukotaai	
• City/Town	CHENNAI	
• State/UT	Tamil Nadu	
• Pin Code	602117	
2.Institutional status		
• Affiliated /Constituent	Affiliated	
• Type of Institution	Co-education	
• Location	Rural	

• Financial Status	Self-financing
• Name of the Affiliating University	Anna University ,Chennai
• Name of the IQAC Coordinator	Dr.D.C.Jullie Josephine
• Phone No.	9442316725
• Alternate phone No.	04471224421
• Mobile	9442316725
• IQAC e-mail address	iqac@kingsedu.ac.in
• Alternate Email address	principal@kingsedu.ac.in
3.Website address (Web link of the AQAR (Previous Academic Year)	www.kingsedu.ac.in
4.Whether Academic Calendar prepared during the year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	http://www.kingsedu.ac.in/academics21-22_even.php

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.56	2017	22/02/2017	22/02/2022
Cycle 1	B++	2.95	2021	10/08/2021	10/08/2025

6.Date of Establishment of IQAC**02/08/2016****7.Provide the list of funds by Central / State Government****UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,**

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
TNSCST	Students project Scheme	TNSCST	6	7500
TNSCST	Students Project Scheme	TNSCST	6	7500

8. Whether composition of IQAC as per latest NAAC guidelines	Yes	
<ul style="list-style-type: none"> Upload latest notification of formation of IQAC 	View File	
9. No. of IQAC meetings held during the year	4	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11. Significant contributions made by IQAC during the current year (maximum five bullets)		
Research publication increased Two departments ready to apply for Research Centre Inhouse Placement Training given for all third year students .		
12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year		
Plan of Action	Achievements/Outcomes	
Infrastructure -New building for First year	Achieved	
Computing Facilities Improved	Achieved	
New Pedagogy Initiatives	Achieved	
13. Whether the AQAR was placed before statutory body?	Yes	
<ul style="list-style-type: none"> Name of the statutory body 		

Name	Date of meeting(s)
Governing Council	06/07/2022

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2022	15/02/2023

15. Multidisciplinary / interdisciplinary

Kings Engineering college adopts multidisciplinary approach in education which is a way of learning , gives a major focus on diverse perspectives and different disciplines of learning to illustrate a theme, concept, or any issue. It is the one in which the same concept is learned through multiple viewpoints of more than one discipline. It helps the students to gain perspectives and knowledge in different ways. The university curriculum has formulated Open electives and mandatory subjects , to be considered in the fourth ,fifth, seventh and eighth semester as elective papers .The subjects are multi disciplinary .The students study all the concepts through their perspectives . In order to broaden students' scope of knowledge in multidisciplinary , the institution started seminars and conferences with the scientific and humanities faculties. International Yoga Day, International Women's Day, Environment Day, and all NSS programmes are few of the significant holidays acknowledged and celebrated by our college. In order to achieve a comprehensive and multidisciplinary education, the university has made it mandatory to study "Environmental studies" as part of their regular curriculum. This is done through flexible and innovative curricula that include credit-based courses and projects in the areas of community engagement and service as well as environmental education. Value Added courses and Add on courses were taught for the students in all year .

16. Academic bank of credits (ABC):

institute shall soon be starting with the process.

17. Skill development:

The college has worked hard to incorporate topics relating to gender, the environment and sustainability, human values, and professional ethics into the curriculum in order to create a more healthy and happy working environment. Steam club which consists of 30 clubs functioning separately apart from academic in the institution .Every year programmes were conducted through clubs

.Value added courses conducted in each semester .Soft skill training classes incorporated in the schedule every semester and conducted. Separate department for Skill development functioning in our institution

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

The institute aims at integrating culture and language with education and a lot of importance is given to local culture, and local food habits. Students are made aware of skill oriented and value-based program outcome through online orientation program this year. The university has assigned in the curriculum itself a subject in Tamil -Mother language ,which is foremost accepted by all .Separate Tamil Pandit were allocated for the subject .

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

Emphasis is placed on having a clear understanding of what students should know and acquire from the curriculum and how much they can accomplish. In addition to conventional classroom instruction, there are tutorial classes and a mentor-mentee programme that prioritises education with a focus on outcomes. The Learning Outcomes-based Curriculum Framework (LOCF) is designed to meet the needs of students today by securing their path to graduate or another terminal degree and assisting them in making career decisions. Through the orientation programme, classroom discussions, expert lectures, and practicals, students are made aware of the course-specific outcomes.To evaluate the students outcome in all courses ,various academic events were conducted in all years . Students were allowed to participate in project expo,symposium,conferenece and club events to showcase their skillset.

20.Distance education/online education:

The Institute conducted value added course and Training through online ,the institute involved in ICT based learning .Every semester students gets enrolled in NPTEL courses and they under the course through online and exam conducted for them .All students were enrolled in differrent courses through online spoken tutorial courses conducted by IIT -Bombay . The institute was a nodel center for virtual lab ,collabrated with Amritha Virtual lab .Nontechnical events were conducted through online for the students and faculty .

Extended Profile

1.Programme

1.1

8

Number of courses offered by the institution across all programs during the year		
File Description	Documents	
Data Template	View File	
2.Student		
2.1		1428
Number of students during the year		
File Description	Documents	
Institutional Data in Prescribed Format	View File	
2.2		614
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year		
File Description	Documents	
Data Template	View File	
2.3		141
Number of outgoing/ final year students during the year		
File Description	Documents	
Data Template	View File	
3.Academic		
3.1		133
Number of full time teachers during the year		
File Description	Documents	
Data Template	View File	
3.2		133
Number of sanctioned posts during the year		

File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	46
4.2 Total expenditure excluding salary during the year (INR in lakhs)	6.5 Crores
4.3 Total number of computers on campus for academic purposes	560

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

- The Kings Engineering College, affiliated to Anna University, adheres to the curriculum and syllabi prescribed by the University strictly and implicitly.
- The primary goal of Outcome Based Education (OBE) is met consistently with defined Vision, Mission, Course Outcome (CO), Program Outcome (PO) and Program Specific Outcome (PSO).
- The plans and annual calendar for academic activities are done in prior in alignment with the University issued Calendar of Events.
- Faculty updating study material focused on outcome-based education and Bloom's Taxonomy. This material is uploaded in the Students' Portal for their reference.
- Course delivery by the faculty is periodically monitored with feedback from the students through 'Class Committee Meetings' (CCM).
- The of NPTEL lectures, case studies, projects, and quizzes are deployed as a part of the academic curriculum.
- The mentoring 15 students per head, on academic and personal issues.
- By partnering with relevant organizations Industrial Visits, Training Courses, Refresher Courses and Workshops are a regular happening.

- A planned time table is framed for all departments.
- Planned and Systematic examination processes are implemented.
- Students are motivated to undertake Research work, present papers in Seminars and Conferences, and to publish in journals.
- Bridges the Industry - Institution gap, with suitable Add on /Certificate courses which are planned during the semester holidays.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://kingsedu.ac.in/naac/criterion1/1_1_1_HB.php

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

- The academic calendar is prepared in accordance to the university schedule
- The academic calendar provides dates all the events planned for the semester and Government Holidays
- Maintenance of course files by all the faculty contains lesson plans, notes of lessons, question bank and performance details of the students
- The whole syllabus is divided into several sub-topics, and the mode of teaching will be determined by the concerned faculty to prepare a lesson plan
- Lesson plans must be prepared based on the academic calendar, which has to be duly approved by the various Heads of Departments after careful examination
- Question banks are prepared for each topic in the course, based on the course objectives
- Co-curricular activities such as industrial visits, guest lectures, add-on/certificate courses, placement training, workshops and cultural activities are planned
- The mode of internal evaluation is undertaken by conducting three Continuous Assessment Tests.
- The marks scored by the students and the attendance are recorded and is uploaded for the Anna university assessment via web portal entry

- The analysis for each examination is done by the Head of the Departments
- Laboratory manuals are maintained to support the students
- Completed experiments are recorded in the record book
- Anna University Theory and Practical examinations are scheduled based on the calendar

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://kingsedu.ac.in/naac/criterion1/1_1_2.php

1.1.3 - Teachers of the Institution participate in A. All of the above following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.
Academic council/BoS of Affiliating University
Setting of question papers for UG/PG programs
Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
Assessment /evaluation process of the affiliating University

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

1.2 - Academic Flexibility

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

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

08

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

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

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

22

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

1610

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

1.3 - Curriculum Enrichment

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

- The Institution has taken up many initiatives over the years which have provided a platform to integrate cross-cutting issues relevant to Gender Sensitization, Environment, Sustainability and Professional Ethics into the curriculum.

Gender Equality

- Both boys and girls are provided multiple choices and opportunities to be the members of

various activities

An active 'Women's Empowerment Club' is functioning successfully inside the campus

Environment science and Engineering

- The curriculum includes elective subject like "Environmental Sciences and Engineering - GE8291" for all branches under Anna University regulation 2008, 2013, and 2017. It inculcates environmental knowledge and intensifies the importance of Environmental Science and Engineering to the students.
- Awareness programs are also initiated by our college's NSS unit.
- The campus is a plastic free green campus to ensure the environment free from pollution.

Professional Ethics and human values

- Engineers are trained to perform under a code of Professional Ethics that would adhere the highest principles of ethical standard
- The university curriculum includes an elective subject titled "Professional Ethics in Engineering - GE8076", offered to all branches of Engineering in all regulations.
- All students and faculty members are expected to follow the institute's code of ethics scrupulously
- We consciously and constantly impart the highest human values of honesty and integrity, impartiality by equity; to instill this spirit to be exhibited in their day to day activities.

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

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

220

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

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

127

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

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	http://kingsedu.ac.in/naac/criterion1/1_4_1.php
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://kingsedu.ac.in/naac/criterion1/1_4_2.php

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

540

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

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

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

540

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 the learning levels of the students and organizes special Programmes for advanced learners and slow learners

- Orientation programmes are organized for first year students to assist them with the engineering curriculum. Students are made aware about the college ethos and brief them with the information about the opportunities, scope and avenues available for their subject.
- To initiate the students for academic learning at a university level, we conduct bridge courses to recall concepts in Physics, Chemistry and Mathematics.
- Computer Programming courses are specially conducted for the students who have studied biology in their higher secondary education. These special training courses are aimed for students to cope with the programming languages in the semesters ahead.
- Special care is given to differently abled students and students with lesser academic proficiency by conducting remedial classes to improve their academic performance.

For Regular Students and High Performers:

- Identified high performers, are motivated by the faculty members and mentors to do better and secure university ranks in the Anna University examinations
- Aptitude and Soft Skill classes are conducted to the students for better placement opportunities
- Software Training classes are conducted to improve the coding skills of students
- For the development of technical skills we encourage the students to learn through NPTEL videos and e-books and also undergo NPTEL courses

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion2/2_2_1.php
Upload any additional information	View File

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

Number of Students	Number of Teachers
1428	133

File Description	Documents
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

Experiential Learning

- Students are taught practically through imparting practical learning sessions in the laboratory.
- The faculty members assist the students to carry out experiments that extend beyond the syllabus.
- Value added courses and workshops are conducted to gain hands on experience in latest technologies.
- Industrial visits are arranged every semester for the students to view how industries function and keep at par with the industrial trends and needs.
- Students are encouraged to undergo internships and in-plant training programmes at organizations to apply the learnt concepts to solve real world problems.

Participative Learning

- Students are encouraged to participate in Symposia and Conferences outside the campus to bring out their potential beyond academic learning.
- Every department conducts Technical Symposium. The Symposium is a complete undertaking of the students with guidance from faculty. This creates values such as team spirit and self-learning among the student.

Problem Solving Methodologies

- Tutorial classes are arranged for analytical subjects apart from course delivery subjects, so as to inculcate problem solving skills among the students as an assistance for the regular teaching-learning process.
- Students are motivated to participate in Hackathon and conquests to develop problem solving through coding, innovation and software development for real world issues.

File Description	Documents
Upload any additional information	View File
Link for additional information	http://kingsedu.ac.in/naac/criterion2/2_3_1.php

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

Information and Communication Technology or ICTs allow users to participate in a rapidly changing world in which works and other activities are increasingly transformed by access to varied and developing technologies. It is only through education and the integration of ICT in education that one can teach students to be participants in the growth process in this era of rapid change. ICT make education system more productive, interesting, give more powerful instruction. 1. The teachers are encouraged to use modern teaching pedagogy, 2. The Teaching-Learning Process is supported with Regular Practical Sessions, access to Digital Library, Online Courses (MOOCs, NPTEL etc.), online journals, 3. The college has a central library well equipped with books & e-books, technical magazines, journals & e-journals 4. All our classrooms and laboratories are equipped with LCD Projectors. 5. Kings Portal - The primary objective behind the construction of this portal is to provide a single place to students from where they can do all the study related activities without login to different websites. 6. Teachers use software such as PCB WIZARD, MATLAB, ANSYS, CATIA etc for practical based Learning / Simulation / Modelling. 7. Wi-Fi enabled campus

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

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

2.3.3.1 - Number of mentors

133

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

2.4 - Teacher Profile and Quality

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

133

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

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

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

59

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

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

2.4.3.1 - Total experience of full-time teachers

549

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

Theory:

- The institution has an exclusive Exam Cell, comprising members from all the departments to conduct Internal Assessment Tests and prepare and conduct Anna University Examinations.
- The quality of the question paper will be verified by the group co-ordinator and will be submitted to the Examination cell.
- Of the two question papers, one will be selected by the exam cell.
- The Examination Cell takes all precautions while preparing the Examination Time table, Invigilation Duty Chart, Seating Plans for the students.
-

Practical:

- Lab manuals are prepared for all the laboratories and

maintained in the respective labs for reference.

- Observation records are maintained by all the students for all the laboratory sessions .
- Internal evaluation of laboratory is done based on effective completion of experiment, observation, record and viva-voce

Project:

- Circulars with project schedules will be sent to the students and they will be asked to submit the area of interest to the Project Co-ordinator. Further, guides will be allocated according to the specialization with respect to the student's area of interest.
- A Project Review Committee assess the project work.
- Regular reviews are conducted, in different phases, based on the schedule and the performance of the students is analysed.

File Description	Documents
Any additional information	View File
Link for additional information	http://kingsedu.ac.in/naac/criterion2/2_5_1.php

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

The Institution strictly follows the guidelines and rules issued by the affiliated university while conducting internals and end semester examinations.

- As per Anna University (AU) requirements, a profile must be created for every student to maintain their database in the AU-Web portal for further processing.
- The grievances related to profile correction/change will be made as and when required.
- During the Internal Assessment Test, if any student is found to be involved in malpractice a transparent enquiry will be conducted by the disciplinary action committee. And based on the recommendation of the committee appropriate action will be taken.
- 20 % of marks are awarded based on internal exams and 80% of marks are based on end of semester university exams as per university norms.
- Three Internal Assessments Tests' marks, from all the departments, are entered in the AU-Web portal as per deadlines

given by AU.

- Attendance is entered periodically in the Anna University web portal. During Parent-teacher meetings, parents are made aware of accessing students' marks through the Anna university web portal.
- The University provides the students with an option of obtaining a photocopy of their answer sheets, after the declaration of the exam results.

File Description	Documents
Any additional information	View File
Link for additional information	http://kingsedu.ac.in/naac/criterion2/2_5_2.php

2.6 - Student Performance and Learning Outcomes

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

Response:

- The Program Outcomes are displayed on the website and consistent efforts are made to attain all the POs to the best of our ability with University syllabus and additional activities
- The PSOs are defined and is made available on the website.
- The faculty creates course outcomes (CO) and lesson plans for the concerned course.
- The course outcomes of the entire programme, offered by the institution, are displayed on the institutes website. Through this, the course outcomes are communicated to students and teachers with ease
- Course outcomes are also displayed on the class notice boards.
- Based on the course outcomes defined, the faculty maps the CO with the program outcomes (PO)and defines their levels.
- Finally, the faculty creates a course file and delivers lectures
- The CO-PO and PSO target level is calculated at the end of every semester and corrective measures are discussed to increase target achievement further.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://kingsedu.ac.in/naac/criterion2/2_6_1.php
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Assessment tools for measuring the attainment of Programs Outcomes and Program Specific Outcomes are categorized into two types - Direct Assessment and Indirect Assessment. The Programme Coordination Committee (PCC) will evaluate the attainment of POs and PSOs by direct and indirect assessment methods.

Students' progress and learning outcomes are monitored through continuous evaluations, tutorials, laboratory exercises and live projects/assignments. The College conducts three Internal Assessment Tests in all courses and reviews the performance of students in the faculty meeting at a departmental level. At the end of each semester, student feedback is taken; course wise performance of students is discussed, analysed and recorded in terms of grades. Based on the discussion, feedback of students and faculty, course contents are improvised.

Direct assessment displays students' knowledge and skills based on their performance in the internal assessment tests, end-semester examinations, academic events, presentations, and assignments. This method provides strong evidence for the students' knowledge and creativity.

Indirect assessment reflects the opinions or thoughts about the graduates knowledge or skills in the point of view of different stakeholders. Indirect assessment is done by conducting various surveys among Students, Parents and Alumni.

CO Attainment = University Assessment + Internal Assessment

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://kingsedu.ac.in/naac/criterion2/2_6_2.php

2.6.3 - Pass percentage of Students during the year

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

131

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	http://kingsedu.ac.in/naac/criterion2/2_6_3.php

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)

http://kingsedu.ac.in/naac/criterion2/2_7_1.php

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

26

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

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

3.1.2.1 - Number of teachers recognized as research guides

5

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

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

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

4

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	http://kingsedu.ac.in/naac/criterion3/3_1_1.php

3.2 - Innovation Ecosystem

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

Ecosystem for Innovations

Research and Development Cell

Kings Engineering College has established Research and Development Cell, with eminent active research members from each department. This R&D cell act as eye opener to the students and faculty members and it creates a focus on how to do research and how to select the research area.

Innovation and Entrepreneur Cell

Kings Engineering College has an ecosystem for innovations like Entrepreneur Development Cell (EDC) for helping successful engineering graduates to float startup ventures. This cell has to plan several activities for giving awareness to the students and to showcase their talents in the engineering field.

The activities are Scrutinizing the projects for Smart India Hackathon, Conducting Project Expo for all departments - individual department or combined with other departments

Incubation Cell

Incubation centre of Kings Engineering College is aimed to provide technological facilities and advices, initial growth funds, network and linkages, co-working spaces, lab facilities, mentoring and advisory support to the eminent students.

Innovation Lab:

This lab is to facilitate and support research projects, products or techniques/technologies aimed at specific end use.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://kingsedu.ac.in/naac/criterion3/3_2_1.php

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

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual

Property Rights (IPR) and entrepreneurship year wise during the year

57

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

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

15

File Description	Documents
URL to the research page on HEI website	http://kingsedu.ac.in/naac/criterion3/3_1_2.php
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

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

88

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

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

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

125

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

3.4 - Extension Activities

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

Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year 21-22

Through extension and outreach programs, we sensitize the students to develop social values, widespread their responsibilities and knowledge in societal issues and problems by making them involved with the community people thereby providing students with the opportunity to become active members of their community and by imparting extension activities in the neighbourhood for holistic development of the society. Community service or volunteerism enables students to acquire life skills and knowledge, as well as provide a service to those who need it most. At Kings Engineering College, community service is a part of the curriculum and co curricular activity roster every year. With the NSS and other affiliate bodies, we associate with students, and faculties are given a chance to participate in something bigger than themselves. Participating in community service not only makes a difference to the organization and people being served but also makes a difference to every student's career prospects and enriches their responsibilities, builds good references for employers in regards to community involvement, and provides a forum to network with future potential employers. It also helps students develop civic and social responsibility skills and become more aware of exact needs.

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion3/3_4_1.php
Upload any additional information	View File

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

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

9

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

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

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

13

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

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

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

817

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

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

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

547

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

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

20

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

Response:

Kings Engineering College started in 2001. The Vision of Kings Engineering College is to provide industry-relevant technical education and motivate our students to carry out skillful research and also encourage our students to uplift our society through technology. The college presently offers 8 undergraduate and 1 postgraduate course.

The campus is spread over an area of 34 acres with a plinth area of 136986 sq.m. Comprising buildings of high-standard classrooms with proper ventilation, numerous laboratories, an auditorium, smart classrooms, a library, and indoor and outdoor stadiums. Restrooms are provided at regular intervals in all the wings separately for boys and girls. All laboratory courses have fully equipped with good infrastructure and required equipment. Each lab is monitored by the technical supervisor to ensure lab utilization and maintenance. The college has 1428 students on its rolls, 152 teaching staff, and 16 non-teaching staff.

Details of infrastructure facilities

1. No.of.Classroom - 38
2. No.of.Laboratory - 34
3. Seminar Hall - 2
4. Conference Hall - 2
5. Canteen - 1
6. Hostel - 2
7. Drawing Hall - 2

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://kingsedu.ac.in/naac/criterion4/4_1_1.php

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

KEC has well-equipped sports facilities to cater to the sports and games requirements of the students. Sports facilities have been established for various games inclusive of Cricket, Football, Basketball, and Volleyball to ensure the focus of the institute in providing extra-curricular activities to the students. Every year around 500 students participate in all the sports and games events. KEC conducts ANNA University zonal tournaments, Interzonal tournaments, and Intra and Inter department tournaments.

Outdoor Games:

We have a Foot Ball ground of 12000sq.m established in the year 2009. Every student is interested to play football on that ground. Students get practice whenever they get free time and evening time. Sports students participated in the Anna University zonal level and won prizes. A Cricket pitch with a practice net is available in an area of 12132sq.m. Our students won many prizes in zonal-level cricket matches. A volleyball court is available in the area of 365 sq.m with the proper marking and nets. We are planning to construct a gallery for the students.

Indoor Games:

We have provided a nice ambiance for the students to play indoor games like Chess, Shuttle, Badminton, Table Tennis, and Carrom. We have a separate court for all the indoor games.

Gymnasium:

We have a Multi Gym facility for the students to relax and work out in their free time to maintain a healthy body and we encourage the students to participate in extracurricular activities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://kingsedu.ac.in/naac/criterion4/4_1_2.php

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

46

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://kingsedu.ac.in/naac/criterion4/4_1_3.php
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

79,76,314

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

Name of the ILMS software: AutoLib Software Systems

(Library systems and services are fully automated by using AutoLib Software; a web-based Library Automation Software. This facilitates automated library systems and services including e-Gate register, circulation, biometric integration with circulation services, OPAC).

Nature of automation (fully or partially): Fully Automated

(The main objective of the library is to provide information services and access to print and e-resources to support the scholarly and informational needs of the institute community.

The library is established in 2001 and has a total area of 1500 sq.m. The fully automated library is well equipped with a total number of titles is 7006 and that of the volumes is 27749. The number of national/international print and online journals is 239. The library is managed by 1 experienced librarian and 2 assistant librarians. The total number of available book banks is 5000. The Total number of available Nonbook Materials like CDs is 881. The Total number of available Project Reports for students' reference is 985. The Total available Journals Print is 60 and the online journal is 179. The Total available packages of Magazines are 12 and available Newspapers are 07. The Open Access system is being followed in the library. Wi-Fi facility is also extended in the library besides internet facility in the digital library cum e-learning center).

Version: AEEDL 5.1 (Web - Advanced Enhanced Edition Plus Automation of Department Libraries)

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://kingsedu.ac.in/naac/criterion4/4_2_1.php

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources B. Any 3 of the above

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

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

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

8,44,398.00

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	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 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

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

170

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

4.3 - IT Infrastructure

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

The college has 18 Wi-Fi hotspots with extenders provided to cover the wireless range throughout the college. All computers on the campus are connected to the internet as it is essential for them to work, also Wi-Fi connections are provided for laptops or other devices in need of internet connectivity.

Facilities enhanced by IT infrastructure

1. Faculty take up assessments and enter assignment marks through their laptops.
2. Students can access the subjects through the Kings Students portal through their mobiles and laptop.
3. Students can interact with staff at any time through the Kings forum.
4. The entire campus including Hostels has Wi-Fi connectivity with a speed of 100 Mbps.

Computing and communication resources are continuously upgraded with the latest state-of-the-art technologies to facilitate the students and staff to learn and update their technical skills.

Wi-Fi speeds are continuously upgraded to 100 MBPS.

Following a strong network backbone is behind the success and streamlining of our campus' IT Infrastructure.

1. Microsoft Windows - campus license agreement
2. Microsoft Office - campus license agreement
3. Visual Studio
4. SQL server and client
5. Fortigate Firewall.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://kingsedu.ac.in/naac/criterion4/4_3_1.php

4.3.2 - Number of Computers

617

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

7,81,32,606.00

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

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

The college has appointed a technical person for maintaining the infrastructure by way of building maintenance, transport, furniture, and generator operator in case the power shuts down. Separate Complaint registers were maintained for various services like electrical, plumbing, housekeeping, etc. The people, who work here on the maintenance of the college, will report regularly about the breakage of instruments and devices to the higher authority.

In our college, we have five service departments for electrical work we have 10 staff members who are working in a shift basics every shift at least two members will be there for an emergency. Civil Works also we have 15 more staff to maintain the infrastructure of the institution. In the transport department, we have 20 staff members including of drivers transport in charge and service members. The computer service department has 5 staff members to make the service in the systems. We have 25 housekeeping sweepers to

maintain the cleanliness of the campus.

Maintenance of sensitive equipment, Power, and Water supply:

Category

Capacity

Total Number

Maintenance (AMC)

Generator for constant Power

125 KVA

1 No.

Network Diesel

RO Water

2000 liters

1 No.

Aqua Filter

UPS

145 KVA

11 Nos.

Mothis power solution

Lift

600 KG

1 No.

Kona

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://kingsedu.ac.in/naac/criterion4/4_4_2.php

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

1566

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

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

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

1026

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

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

A. All of the above

File Description	Documents
Link to Institutional website	http://kingsedu.ac.in/naac/criterion5/5_1_3.php
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

1294

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

1294

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 has a transparent

A. All of the above

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

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

143

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

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

5.2.2.1 - Number of outgoing student progression to higher education

7

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

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

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

0

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	No File Uploaded

5.3 - Student Participation and Activities

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

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

0

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	No File Uploaded

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

College is the place that makes ready individuals future ready, as responsible citizens and visionary leaders. Such qualities only come with the right exposure and experiences during the tenure that one studies in an institution. With apt academic exposure supported by practical and experiential learning combined with opportunities and activity that build innovative thinking, creative ability, camaraderie and team spirit, students transform into future ready individuals. Our college students are an integral part of all the Academic Committees and Administrative Bodies. In the academic front they act as Student Coordinators, Symposium Coordinators, Conference Coordinators, Workshop Coordinators and Student Chapter Representatives. In the Administrative front, they voluntarily organize cultural events, festive and sports celebrations. Committees formed to undertake events and programmes in the college, the students take roles such as Chairperson, Vice Chairperson, Treasurer and coordinators. They periodically ensure the execution of various events must be conducted in our premises. Beside this, our student's innovative, multifold talents are exhibited in project exhibitions and stand as a place to demonstrate it. This creates an ambiance for the students to discover or innovate new technologies to solve the social problems. Our students participated in intra and inter college hackathon, symposium, workshops and conferences.

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion5/5_3_2.php
Upload any additional information	View File

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

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

14

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

5.4 - Alumni Engagement

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

Yes, The greatest reputation of an institution comes from the places that a student goes when the graduate take the name of the college along with them. And nothing warms our hearts more than to see our students from the past doing extremely well as professionals and becoming great human beings in the real world as KEC-ians. In the aim of building a bridge between the glorious college life and career, the alumni association was established to keep professionals and academicians in touch with their roots, that was formed here. Interaction with the alumni will make young graduates proactive to face the current challenges of competitive world. Providing an opportunity for a decent career, the alumni network services help from former students to find job opportunities and improve their chances of landing a job offer amongst peers and young graduates from the institution. A strong alumni network benefits the current student in the form of peer support and mentorship. The Alumni also donate their valuable time to offer career support to current students. The alumni and current students put their hand together to achieve the goal of echoing the name of KEC on a global stage.

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion5/5_4_1.php
Upload any additional information	View File

5.4.2 - Alumni contribution during the year D. 1 Lakhs - 3Lakhs (INR in 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 and in tune with the vision and mission of the institution

Kings Engineering College was established in the year 2001, recognized and approved by All India Council for Technical Education (AICTE), affiliated to Anna University, Chennai.

The College is managed by the CHARTIAN EDUCATIONAL AND HEALTH TRUST, a Registered Trust of public nature for Education and Charitable purposes.

Vision:

The Vision of Kings Engineering College is to provide industry relevant technical education, motivate our technocrats to carry out skillful research and encourage innovation and thereby uplift our society through technology.

Mission:

Provide high quality technical education in the major engineering disciplines through a creative balance of academic, professional and extracurricular programs.

Prioritize quality teaching and adopt a variety of approaches and methods to draw upon current research and multiple theories of teaching and learning.

Guide the students to earn secure careers and to become global trend setters.

To sponsor and educate less privileged with quality technical education.

NATURE OF GOVERNANCE:

A well-defined Administrative and Academic framework and Governing Council is available in the Institution to ensure efficient administration, effective decision making and quality academic activities. The perspective plans were drawn on periodic basis to ensure the attainment of mission and vision of the Institution.

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion6/6_1_1.php
Upload any additional information	View File

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

Response:

Case Study:

The Academic Council is the primary scholastic body of our Institution, subject to the standards encircled by the department. The Academic Council have the control and exercise general supervision over the studious work of the Institution and to provide guidance in regards to the support of guidelines for teaching, training, coordination of research exercises and checking of assessments inside our Institution. The Academic Council will exercise such powers and performs different obligations as presented or forced upon it fair and square. The goal of the Academic Committee is to consider the present status and deliberate on strategies, prerequisites and decide on the guidelines to accomplish the vision of the Institution.

Participative management:

The institute always promotes the culture of participative management by involving faculties and students in various

activities. All decisions of the institution are governed by management. The students and faculties are allowed expressing themselves for any suggestions to improve the excellence in any aspect of the Institute.

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion6/6_1_2.php
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

STRATEGY PLAN 2021 -22

1.

1. Planning for Autonomous status
2. NBA accreditation For all departments
3. Planning to get new UG Program(AIML)
4. Institute-Institute collaboration
5. Institute-Industry Interaction
6. Research collaboration with foreign university
7. Planning for Research Ecosystem
8. Planning to improve admission from other state
9. Planning to recruit faculty from other state
10. New pedagogy in teaching learning process
11. Infrastructure-computer centre, building
12. Planning for recycling the non degradable waste
13. EDC-Launching Business Incubator
14. Planned to launch Oorvasi Selvaraj PURA(Provision of Urban Amenities to Rural Areas)
15. Establishing Centre for Energy and Environment
16. Establishing Centre Of Excellence For Next Generation Networks

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://kingsedu.ac.in/naac/criterion6/6_2_1.php
Upload any additional information	View File

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

Committees:

All the committees like, Governing Council, Academic Council, Board of Study, Planning and Monitoring Board, IQAC, IQEC were constituted as per AICTE Norms.

Governing Council responsible for framing policies, rules and procedures for Academic and Administrative activities.

Planning and monitoring board monitors the regular activities inline with the vision and mission of the Institution.

IQAC reviews the quality of the activities and takes quality initiatives for the holistic development of students and faculty.

Administrative setup:

The day-to-day activities and functions are monitored by the Principal and Administrative Officers, HODs. The Institution has well-defined and transparent policies, recruitment procedures, rules and promotion norms. Also the Institution has various Grievance and Redressal Committees like,

- 1) Complaints cum Redressal Committee,
- 2) Discipline and Welfare Committee,
- 3) Anti-Ragging Cell
- 4) Anti-Sexual Harassment Committee, etc.

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion6/6_2_2_CLUB_ACTIVITIES.php
Link to Organogram of the institution webpage	http://kingsedu.ac.in/naac/criterion6/6_2_2_Organogram.php
Upload any additional information	View File

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

The Institution has conducted several FDPs for teaching and nonteaching Staff.

They include programmes on Faculty Development, Personality Development, Skill upgradation and Hands on Workshops etc.

Financial support is provided by the Management to be part of the professional society. This enables Faculty in the field of technical development.

The Institution also guides and helps the teaching and nonteaching Staff to pursue their higher studies. They also undergo training in reputed Institutions to improve their skills.

Review meetings are regularly conducted by the Principal and HODs for ensuring continuous improvement.

Welfare Schemes for Teaching Faculty:

- Financial support by the Management to be part of the professional society.
- Motivation and support to participate in industry immersion programmes which also contribute to the professional development.
- On duty leave is given to the Faculty members to attend FDP, Workshop, conferences in each semester etc., Free transport facilities are given to all Faculty members.
- Waiver of fees up to for teachers' children in the Institution.
- Medical leave will be provided for the Staff.
- Incentive for publication of papers / research articles, FDP and Workshop.
- Reward for producing University Ranks Cash awards and prizes for academic excellence / 100% pass percentage in Anna University exams.

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion6/6_3_1.php
Upload any additional information	View File

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

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

181

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 programs organized by the institution for teaching and non-teaching staff during the year

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

5

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

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

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

297

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

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

Response:

A well-defined system for Faculty appraisal is followed in the Institute. This may be a valuable process for both the Institute and the Faculty.

The Faculty members are expected to:

1. Provide periodical reports that correspond to their teaching and learning activities and cater to the needs of all instructional and mentoring responsibilities as specified in the policies and procedures.
2. Participate in scholarly and research activities which enhance their professional development.
3. Assist the Department, Institute and University Committees.

Implementation and Effectiveness of Faculty Appraisal System:

The performance appraisal is conducted at the end of every academic year. An effectively designed Performance Appraisal Form is provided to every Faculty member for self-evaluation.

Individual Faculty's contribution to Institutional performance and their administrative responsibilities will be filled by the Faculty in their self-appraisal form.

Suggestions and feedback will be given to improve their contribution in the subsequent year.

This Performance Appraisal System has revealed an opportunity for every Faculty member to know their strengths and weaknesses.

The Non-Teaching Technical and Administrative Staff's performance appraisal system is based on various Self developmental activities.

In addition, if necessary, HoD can provide performance feedback about their faculty at any time to the Principal for necessary action.

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion6/6_3_5.php
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

Internal Audit:

A complete budget is prepared every year, before the academic year begins. The annual budget for the respective departments are prepared by their respective in-charges and is submitted to the Accounts Department through Principal by HODs. Another budget including infrastructure augmentation and maintenance is prepared by the Administrative Officer in consultation with the respective teams.

The Institution has a separate Internal Auditing Committee (IAC) headed by a Administrative Officer and one Faculty Member from each department. The Internal Audit occurs within the Institution.

In case of discrepancies pointed out by the audit team, the concerned person or department has to justify it, within a given duration. If found satisfactory, the issue will be closed. If not found satisfactory, suitable corrective action, recommended by the Auditing team, will be delivered.

External Audit:

The external audit is conducted annually. During the process, the information will be sent to all the departments one month in prior. The auditors will execute the audit plan as per the schedule. The report of the compliance submitted to the Principal and IQAC. Non-compliance with activities will be highlighted to the concern authority, for fu

File Description	Documents
Paste link for additional information	https://kingsedu.ac.in/naac/criterion6/6_4_1.php
Upload any additional information	View File

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

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

0

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

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

The sources of funds for the Institution are the grants from Management, Government of India and State Government, Philanthropes, Funding Agencies such as DST, AICTE, Consultancy for various purposes. General Fund received in terms of Student Fees, Hostel Fee etc.

Student fees are the primary source of income for the institution. As a socially concerned not-for-profit institution, the College has a conscious policy of keeping the student fee affordable. The management usually provides funds for infrastructure development regularly and on the request given by the academic and administrative departments.

Many of our Alumni, working all over the world, contribute to the college. They create endowments through our Alumni Association and provide scholarships for under privileged students studying at our Institution. They also support many alumni activities organized inside the campus throughout the year.

Principal take a minute look at these criteria and then add the potential considerations and preparation, forward them to the finance committee for a stronger opinion.

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion6/6_4_3_Fund_Mobilization.php
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

Response:

Internal Quality Assurance Cell (IQAC) has the prime responsibility to initiate, plan and supervise various activities that are necessary to increase the quality of the education imparted in the Institution. The IQAC functions with the focus of continuously improving and ensuring long-term quality enhancement.

The team members of IQEC are isolated into different groups and each group is allotted with a particular criterion. The members are required to study and examine (Audit) the current practices followed in the institution and give their justification and measures that would improve requirements of that specific criterion.

The two best institutional practices contributed toward quality assurance strategies are:

1. Outcome based Education

i. Student Mentoring System

Students Mentoring system is being introduced at Kings Engineering College, from the year 2014 and upgraded by 2017. Faculty mentors play a crucial role in mentoring graduates. Students and their mentors share responsibility for ensuring productive and rewarding mentoring relationships. They give constructive feedback on writing, teaching and other elements of career design.

ii. Research Eco system

KEC is on a mission to achieve excellence in technical education, research and consulting through an outcome-based curriculum focusing on continuous improvement and innovation by benchmarking with global practices. Today, KEC focuses on creating transformative opportunities, strengthening collaborative partnerships and maximizing the societal impact through cutting-edge research and innovation.

2. Teaching Learning Process Group Coordination

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion6/6_5_1_IQAC_Feedback_report.php
Upload any additional information	View File

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

The institution reviews its teaching learning process, structures and methodologies of operation and learning outcomes, at periodic intervals through the IQAC, as per norms. The Internal Quality Enhancement Cell comprises of Heads of Departments, as members to meet regularly and review the outcomes of the teaching-learning process.

Within the teaching and learning process are: Feedback system, Club Activities are stated here.

1. Feedback system

The Institute understands that students will become more accountable, honest and develop a sense of belonging to the organization, if they have the opportunity to engage directly with the administration.

It also senses that the response of the students to understand their requirements, keeps the courses and contents of the course up to the mark and also meets their learning-teaching requirements.

2. Club activity

To give students an opportunity to showcase and sharpen their

talents, while also preparing them for various intra institution competitions, various Club Activities are conducted throughout the year. Club Activities not only help students shape their personal interests and hobbies but also improve their independent thinking, leadership and social skills.

Through club activities, students have the opportunity to pursue individual interests, career networking opportunities, leadership skill development and social networking.

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion6/6_5_2_STEAM_CLUB_Report.php
Upload any additional information	View File

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://kingsedu.ac.in/naac/criterion6/6_5_3_ANNUAL_REPORT.php
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

In accordance with the principle of gender equality, our institution has treated female students equally in terms of their right to express their individuality and personality. Our college is dedicated to teaching and promoting the idea that gender sensitization among the students is their primary duty and a requirement under the Constitution. In order to promote gender sensitization in the sphere of higher education, successive administrations have implemented a number of welfare programmes that offer completely free education to female students. Governments offer a variety of scholarships every year to help girls for their education.

To encourage students to express their rights and teach them about women's empowerment, our college has both a women's empowerment and an anti-ragging cell. These cells periodically organize a variety of programmes and activities for the students to promote the concept of female empowerment and awareness. In order to warn people about the severe consequences against ragging and harassment of women, we post posters and other government circulars. The anti-sexual harassment cell has been paying particular attention to the female students and attempting to encourage them by fostering confidence in them as they deal with any issues on or off campus.

To maintain students psychologically strong and self-assured enough to face any kind of depression they may encounter in life, the student are given counselling by the senior women professors. The college's discipline committee oversees all disciplinary issues,

with a focus on safeguarding the privacy and preventing harassment of the female students.

File Description	Documents
Annual gender sensitization action plan	http://www.kingsedu.ac.in/naac/criterion7/7_1_1.php
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://www.kingsedu.ac.in/naac/criterion7/7_1_1_Facilities_For_Women.php

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	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 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

- **Solid waste management**

Degradable and non-biodegradable wastes generated on campus include wrappers, glass, metals, paper, plastics, old newspapers, used papers are collected separately and disposed of/recycled according to their nature.

- **Liquid waste management**

Sewage, laundry, hostel, and canteen effluent waste are among the liquid wastes generated on campus is treated in the institute's Sewage Treatment Plant (STP), which has a capacity of 240 KLD (Kilo Litres per Day). The entire treated water supply is used to water the campus's gardens and lawns. The sludge that has settled in the

STP is removed and dried on drying beds before being used as garden manure.

• **Biomedical waste management**

Wastes such as blood-contaminated items, dressings, plaster casts, cotton swabs, and bags containing residual or discarded blood, Needles, syringes with fixed needles, needles from a needle tip cutter or burner, scalpels, blades etc in the biomedical laboratory are sterilized in an autoclave and then discarded.

E-waste management

Electronic goods are used to their full potential; minor repairs are handled by laboratory assistants and teaching staff; and major repairs are handled by the Technical Assistant and reused. KEC has a Memorandum of Understanding with Kottalam Traders, which buys our broken computers and other non-repairable e-waste

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	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
Geo tagged 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: A. Any 4 or All of the above

1. Restricted entry of automobiles

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

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

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

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

A. Any 4 or all of the above

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

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

A. Any 4 or all of the above

5.

Human assistance, reader, scribe, soft copies of reading material, screen reading

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

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

The institute is making deliberate efforts to create an inclusive environment. The primary objective of these initiatives are to encourage better education, the economic uplift of the poor, and societal harmony. In order to raise the villagers' understanding of environmental and ethical issues, the institute has conducted awareness Programmes. The goal of the extended activities is to provide an atmosphere where students can develop holistically. Sensitising students to the cultural, geographical, linguistic, communal, and socioeconomic diversity of the state and the country has always been a top priority for our institution. To instill tolerance and harmony among students, the institution participates in local and cultural celebrations including Youth Day to teach tolerance and harmony to the students. The Gender Equality Policy emphasises equal rights, access, and opportunity for men and women. The institutions policy for the differently abled guarantees that every employee is aware of the care that should be given to those with disabilities. The institution makes constant efforts to ensure that people with disabilities feel included in all aspects of college life by offering a barrier-free environment, necessary facilities, and human and technology help. Topics on human rights, tolerance, love, compassion, harmony, promoting social values, environmental preservation awareness, and ethics have been included to the curriculum by the institution.

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

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

The institution educates students and staff about their constitutional obligations on values, rights, duties, and responsibilities, and works tirelessly to develop them as better citizens of the country via different curricular and extra-curricular activities.

As a first step in instilling constitutional duties in students, the college curriculum includes courses such as Professional Ethics.

The institution takes many initiatives like conducting awareness campaigns, organizing orientation programmes, training programmes, seminars to sensitize the future leaders to inherit human values coping with the constitutional obligations. Ethical Values, rights, duties and responsibilities of citizens are some of the topics that are enlisted in Elocution/ Debates activities. The institution has strived forward with great effort to increase the level of awareness and appropriate practices amongst the students in the following areas: Fundamental Duties and Rights of Indian Citizens: The students have enthusiastically participated in various activities like seminar, conferences, expert talks, poster making competition, competition on various contemporary legal issues etc. Constitutional Obligations: Various departments of the institution and NSS unit are actively involved in conducting several activities for inculcating values for being responsible citizens.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://www.kingsedu.ac.in/naac/criterion7/7_1_9.php
Any other relevant information	http://www.kingsedu.ac.in/naac/criterion7/7_1_9_RI.php

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

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 programs 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

National and international commemorative days, events, and festivals are celebrated/organized by the institution every year. National festivals play a vital part in building a sense of nationalism and patriotism among Indians. Our institution enthusiastically commemorates these dates to honour the philosophy of nationalism and to pay respect to our great National Leaders. The institution's Faculty, Staff, and Students all get together to commemorate these occasions and disseminate the message of Unity, Peace, Love, and Happiness throughout.

Every year on January 26th, the institution commemorates the adoption of the Indian constitution and spreads the notion that India is the world's largest democratic democracy. This is a day to remind youngsters of the country's constitution and the need of adhering to it at all times. The principal will deliver a speech in which he will host the national flag and transmit a warm message of nationalism.

Every year on the 15th of August Flaghoisting's is arranged to

commemorate India's independence from British dominion. Students are encouraged by the institution to commemorate our national leaders and their sacrifices.

Voters Day is celebrated on 25th January wherein the students are given awareness on their duties and rights as a loyal citizen.

Students, and Faculty actively get involved in organizing many more events like the above mentioned and participating in it.

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

7.2 - Best Practices

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

Best Practice 1

1. Title of the Practice: Mentoring

2. Objectives of the Practice

The main objective of mentoring is it provides a space for observation where the mentee may take care of and confront their growth.

3. The Context

Starting from their first year, students are assigned faculty members. Career development, role modelling, and organizational dedication are all results of mentoring relationships.

4. The Practice

Regular counselling results in Mentors who can help the Mentee identify problems and prepare solutions.

5. Evidence of Success

Students' behaviour, academic performance, past involvement in extracurricular activities, the total number students who graduated from Anna University in the previous five years are considered as evidence of success.

6. Problems Encountered and Resources Required

For many mentors, the challenges arose from early uncertainties about the students attendance.

BEST PRACTICE 2

1. Title of the Practice: Training & Placement

2. Objectives of the Practice:

The training and placement department helps students develop the most desirable career opportunities by providing them with the necessary training and putting them in deserving jobs.

3. The Context:

Training for development in an encouraging learning environment that guarantees to attain employability qualification with high-quality job placement.

4. The Practices:

From the third year to the final year, a planned curriculum for placement training is intended to be taught.

5. Evidence of success:

Students achieve the learning outcome in a fundamental skill such as quantitative aptitude, verbal & nonverbal, soft skills, and technical training for growth.

6. Problems encountered and Resources Required:

A non-progressive category in placement results from inactive or irregular participation in placement activities.

File Description	Documents
Best practices in the Institutional website	http://www.kingsedu.ac.in/naac/criterion7/7_2.php
Any other relevant information	http://www.kingsedu.ac.in/naac/criterion7/7_2_AI.php

7.3 - Institutional Distinctiveness

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

Gender equality is not only a fundamental human right, but a necessary foundation for a peaceful and sustainable world. Despite all the efforts which put by feminists still there is a inequality prevails over the society so as an educational institution kings engineering college tries to bring gender equality in their teenage itself. So KEC found a club namely "Egalitarian's Club" (A person who trust the principle that everyone is equal is called Egalitarian) to promote the ideas of gender equality. This club intention is to make everyone to realize their role in society irrespective of their gender. Students who registered in this club will be active ideal of gender equality, he or she will be responsible for gender equality in college premises. We had student coordinators for this club, they will come with suggestions or ideas regarding gender equality after the discussion with members of the club. The needed ideas will be promoted by the management and principal of the institution. Every month club will conduct program regarding the theme of gender equality. As KEC knows It's a long run to achieve great heights but hope KEC trust that KEC will be an pioneer to begin this ideas by a club. After all these there might be a question that, is it possible to make them to realize regarding gender equality? Yes of course we can - KEC

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

- The Kings Engineering College, affiliated to Anna University, adheres to the curriculum and syllabi prescribed by the University strictly and implicitly.
 - The primary goal of Outcome Based Education (OBE) is met consistently with defined Vision, Mission, Course Outcome (CO), Program Outcome (PO) and Program Specific Outcome (PSO).
 - The plans and annual calendar for academic activities are done in prior in alignment with the University issued Calendar of Events.
 - Faculty updating study material focused on outcome-based education and Bloom's Taxonomy. This material is uploaded in the Students' Portal for their reference.
 - Course delivery by the faculty is periodically monitored with feedback from the students through 'Class Committee Meetings' (CCM).
 - The of NPTEL lectures, case studies, projects, and quizzes are deployed as a part of the academic curriculum.
 - The mentoring 15 students per head, on academic and personal issues.
 - By partnering with relevant organizations Industrial Visits, Training Courses, Refresher Courses and Workshops are a regular happening.
-
- A planned time table is framed for all departments.
 - Planned and Systematic examination processes are implemented.
 - Students are motivated to undertake Research work, present papers in Seminars and Conferences, and to publish in journals.
 - Bridges the Industry - Institution gap, with suitable Add on /Certificate courses which are planned during the semester holidays.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://kingsedu.ac.in/naac/criterion1/1_1_1_HB.php

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

- The academic calendar is prepared in accordance to the university schedule
- The academic calendar provides dates all the events planned for the semester and Government Holidays
- Maintenance of course files by all the faculty contains lesson plans, notes of lessons, question bank and performance details of the students
- The whole syllabus is divided into several sub-topics, and the mode of teaching will be determined by the concerned faculty to prepare a lesson plan
- Lesson plans must be prepared based on the academic calendar, which has to be duly approved by the various Heads of Departments after careful examination
- Question banks are prepared for each topic in the course, based on the course objectives
- Co-curricular activities such as industrial visits, guest lectures, add-on/certificate courses, placement training, workshops and cultural activities are planned
- The mode of internal evaluation is undertaken by conducting three Continuous Assessment Tests.
- The marks scored by the students and the attendance are recorded and is uploaded for the Anna university assessment via web portal entry
- The analysis for each examination is done by the Head of the Departments
- Laboratory manuals are maintained to support the students
- Completed experiments are recorded in the record book
- Anna University Theory and Practical examinations are scheduled based on the calendar

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://kingsedu.ac.in/naac/criterion1/1_1_2.php

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

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

1.2 - Academic Flexibility

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

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

08

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

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

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)**22**

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year**1610**

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

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

- The Institution has taken up many initiatives over the years which have provided a platform to integrate cross-cutting issues relevant to Gender Sensitization, Environment, Sustainability and Professional Ethics into the curriculum.

Gender Equality

- Both boys and girls are provided multiple choices and opportunities to be the members of

various activities

An active 'Women's Empowerment Club' is functioning successfully inside the campus

Environment science and Engineering

- The curriculum includes elective subject like "Environmental Sciences and Engineering - GE8291" for all branches under Anna University regulation 2008, 2013, and 2017. It inculcates environmental knowledge and intensifies the importance of Environmental Science and Engineering to the students.
- Awareness programs are also initiated by our college's NSS unit.
- The campus is a plastic free green campus to ensure the environment free from pollution.

Professional Ethics and human values

- Engineers are trained to perform under a code of Professional Ethics that would adhere the highest principles of ethical standard
- The university curriculum includes an elective subject titled "Professional Ethics in Engineering - GE8076", offered to all branches of Engineering in all regulations.
- All students and faculty members are expected to follow the institute's code of ethics scrupulously
- We consciously and constantly impart the highest human values of honesty and integrity, impartiality by equity; to instill this spirit to be exhibited in their day to day activities.

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

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

220

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

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

127

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

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	http://kingsedu.ac.in/naac/criterion1/1_4_1.php
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
---	---

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://kingsedu.ac.in/naac/criterion1/1_4_2.php

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

540

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

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

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

540

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 the learning levels of the students and organizes special Programmes for advanced learners and slow learners

- Orientation programmes are organized for first year students to assist them with the engineering curriculum.

Students are made aware about the college ethos and brief them with the information about the opportunities, scope and avenues available for their subject.

- To initiate the students for academic learning at a university level, we conduct bridge courses to recall concepts in Physics, Chemistry and Mathematics.
- Computer Programming courses are specially conducted for the students who have studied biology in their higher secondary education. These special training courses are aimed for students to cope with the programming languages in the semesters ahead.
- Special care is given to differently abled students and students with lesser academic proficiency by conducting remedial classes to improve their academic performance.

For Regular Students and High Performers:

- Identified high performers, are motivated by the faculty members and mentors to do better and secure university ranks in the Anna University examinations
- Aptitude and Soft Skill classes are conducted to the students for better placement opportunities
- Software Training classes are conducted to improve the coding skills of students
- For the development of technical skills we encourage the students to learn through NPTEL videos and e-books and also undergo NPTEL courses

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion2/2_2_1.php
Upload any additional information	View File

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

Number of Students	Number of Teachers
1428	133

File Description	Documents
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

Experiential Learning

- Students are taught practically through imparting practical learning sessions in the laboratory.
- The faculty members assist the students to carry out experiments that extend beyond the syllabus.
- Value added courses and workshops are conducted to gain hands on experience in latest technologies.
- Industrial visits are arranged every semester for the students to view how industries function and keep at par with the industrial trends and needs.
- Students are encouraged to undergo internships and in-plant training programmes at organizations to apply the learnt concepts to solve real world problems.

Participative Learning

- Students are encouraged to participate in Symposia and Conferences outside the campus to bring out their potential beyond academic learning.
- Every department conducts Technical Symposium. The Symposium is a complete undertaking of the students with guidance from faculty. This creates values such as team spirit and self-learning among the student.

Problem Solving Methodologies

- Tutorial classes are arranged for analytical subjects apart from course delivery subjects, so as to inculcate problem solving skills among the students as an assistance for the regular teaching-learning process.
- Students are motivated to participate in Hackathon and conquests to develop problem solving through coding, innovation and software development for real world issues.

File Description	Documents
Upload any additional information	View File
Link for additional information	http://kingsedu.ac.in/naac/criterion2/2_3_1.php

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

Information and Communication Technology or ICTs allow users to participate in a rapidly changing world in which works and other activities are increasingly transformed by access to varied and developing technologies. It is only through education and the integration of ICT in education that one can teach students to be participants in the growth process in this era of rapid change. ICT make education system more productive, interesting, give more powerful instruction. 1. The teachers are encouraged to use modern teaching pedagogy, 2. The Teaching-Learning Process is supported with Regular Practical Sessions, access to Digital Library, Online Courses (MOOCS, NPTEL etc.), online journals, 3. The college has a central library well equipped with books & e-books, technical magazines, journals & e-journals 4. All our classrooms and laboratories are equipped with LCD Projectors. 5. Kings Portal - The primary objective behind the construction of this portal is to provide a single place to students from where they can do all the study related activities without login to different websites. 6. Teachers use software such as PCB WIZARD, MATLAB, ANSYS, CATIA etc for practical based Learning / Simulation / Modelling. 7. Wi-Fi enabled campus

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

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

2.3.3.1 - Number of mentors

133

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

2.4 - Teacher Profile and Quality

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

133

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

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

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

59

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

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

2.4.3.1 - Total experience of full-time teachers

549

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

Theory:

- The institution has an exclusive Exam Cell, comprising members from all the departments to conduct Internal Assessment Tests and prepare and conduct Anna University Examinations.
- The quality of the question paper will be verified by the group co-ordinator and will be submitted to the Examination cell.
- Of the two question papers, one will be selected by the exam cell.
- The Examination Cell takes all precautions while preparing the Examination Time table, Invigilation Duty Chart, Seating Plans for the students.
-

Practical:

- Lab manuals are prepared for all the laboratories and maintained in the respective labs for reference.
- Observation records are maintained by all the students for all the laboratory sessions .
- Internal evaluation of laboratory is done based on effective completion of experiment, observation, record and viva-voce

Project:

- Circulars with project schedules will be sent to the students and they will be asked to submit the area of interest to the Project Co-ordinator. Further, guides will be allocated according to the specialization with respect

to the student's area of interest.

- A Project Review Committee assess the project work.
- Regular reviews are conducted, in different phases, based on the schedule and the performance of the students is analysed.

File Description	Documents
Any additional information	View File
Link for additional information	http://kingsedu.ac.in/naac/criterion2/2_5_1.php

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

The Institution strictly follows the guidelines and rules issued by the affiliated university while conducting internals and end semester examinations.

- As per Anna University (AU) requirements, a profile must be created for every student to maintain their database in the AU-Web portal for further processing.
- The grievances related to profile correction/change will be made as and when required.
- During the Internal Assessment Test, if any student is found to be involved in malpractice a transparent enquiry will be conducted by the disciplinary action committee. And based on the recommendation of the committee appropriate action will be taken.
- 20 % of marks are awarded based on internal exams and 80% of marks are based on end of semester university exams as per university norms.
- Three Internal Assessments Tests' marks, from all the departments, are entered in the AU-Web portal as per deadlines given by AU.
- Attendance is entered periodically in the Anna University web portal. During Parent-teacher meetings, parents are made aware of accessing students' marks through the Anna university web portal.
- The University provides the students with an option of obtaining a photocopy of their answer sheets, after the declaration of the exam results.

File Description	Documents
Any additional information	View File
Link for additional information	http://kingsedu.ac.in/naac/criterion2/2_5_2.php

2.6 - Student Performance and Learning Outcomes

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

Response:

- The Program Outcomes are displayed on the website and consistent efforts are made to attain all the POs to the best of our ability with University syllabus and additional activities
- The PSOs are defined and is made available on the website.
- The faculty creates course outcomes (CO) and lesson plans for the concerned course.
- The course outcomes of the entire programme, offered by the institution, are displayed on the institutes website. Through this, the course outcomes are communicated to students and teachers with ease
- Course outcomes are also displayed on the class notice boards.
- Based on the course outcomes defined, the faculty maps the CO with the program outcomes (PO) and defines their levels.
- Finally, the faculty creates a course file and delivers lectures
- The CO-PO and PSO target level is calculated at the end of every semester and corrective measures are discussed to increase target achievement further.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://kingsedu.ac.in/naac/criterion2/2_6_1.php
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Assessment tools for measuring the attainment of Programs Outcomes and Program Specific Outcomes are categorized into two types - Direct Assessment and Indirect Assessment. The Programme Coordination Committee (PCC) will evaluate the attainment of POs and PSOs by direct and indirect assessment methods.

Students' progress and learning outcomes are monitored through continuous evaluations, tutorials, laboratory exercises and live projects/assignments. The College conducts three Internal Assessment Tests in all courses and reviews the performance of students in the faculty meeting at a departmental level. At the end of each semester, student feedback is taken; course wise performance of students is discussed, analysed and recorded in terms of grades. Based on the discussion, feedback of students and faculty, course contents are improvised.

Direct assessment displays students' knowledge and skills based on their performance in the internal assessment tests, end-semester examinations, academic events, presentations, and assignments. This method provides strong evidence for the students' knowledge and creativity.

Indirect assessment reflects the opinions or thoughts about the graduates knowledge or skills in the point of view of different stakeholders. Indirect assessment is done by conducting various surveys among Students, Parents and Alumni.

CO Attainment = University Assessment + Internal Assessment

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://kingsedu.ac.in/naac/criterion2/2_6_2.php

2.6.3 - Pass percentage of Students during the year

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

131

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	http://kingsedu.ac.in/naac/criterion2/2_6_3.php

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)

http://kingsedu.ac.in/naac/criterion2/2_7_1.php

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

26

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

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

3.1.2.1 - Number of teachers recognized as research guides

5

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

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

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

4

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	http://kingsedu.ac.in/naac/criterion3/3_1_1.php

3.2 - Innovation Ecosystem

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

Ecosystem for Innovations

Research and Development Cell

Kings Engineering College has established Research and Development Cell, with eminent active research members from each department. This R&D cell act as eye opener to the students and faculty members and it creates a focus on how to do research and how to select the research area.

Innovation and Entrepreneur Cell

Kings Engineering College has an ecosystem for innovations like Entrepreneur Development Cell (EDC) for helping successful engineering graduates to float startup ventures. This cell has to plan several activities for giving awareness to the students and

to showcase their talents in the engineering field.

The activities are Scrutinizing the projects for Smart India Hackathon, Conducting Project Expo for all departments - individual department or combined with other departments

Incubation Cell

Incubation centre of Kings Engineering College is aimed to provide technological facilities and advices, initial growth funds, network and linkages, co-working spaces, lab facilities, mentoring and advisory support to the eminent students.

Innovation Lab:

This lab is to facilitate and support research projects, products or techniques/technologies aimed at specific end use.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://kingsedu.ac.in/naac/criterion3/3_2_1.php

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

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

57

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

15	
File Description	Documents
URL to the research page on HEI website	http://kingsedu.ac.in/naac/criterion3/3_1_2.php
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File
3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year	
3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year	
88	
File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File
3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year	
3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year	
125	
File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File
3.4 - Extension Activities	
3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year	

Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year 21-22

Through extension and outreach programs, we sensitize the students to develop social values, widespread their responsibilities and knowledge in societal issues and problems by making them involved with the community people thereby providing students with the opportunity to become active members of their community and by imparting extension activities in the neighbourhood for holistic development of the society. Community service or volunteerism enables students to acquire life skills and knowledge, as well as provide a service to those who need it most. At Kings Engineering College, community service is a part of the curriculum and co curricular activity roster every year. With the NSS and other affiliate bodies, we associate with students, and faculties are given a chance to participate in something bigger than themselves. Participating in community service not only makes a difference to the organization and people being served but also makes a difference to every student's career prospects and enriches their responsibilities, builds good references for employers in regards to community involvement, and provides a forum to network with future potential employers. It also helps students develop civic and social responsibility skills and become more aware of exact needs.

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion3/3_4_1.php
Upload any additional information	View File

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

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

9

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

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

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

13

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

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

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

817

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

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

547

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

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

20

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

Response :

Kings Engineering College started in 2001. The Vision of Kings

Engineering College is to provide industry-relevant technical education and motivate our students to carry out skillful research and also encourage our students to uplift our society through technology. The college presently offers 8 undergraduate and 1 postgraduate course.

The campus is spread over an area of 34 acres with a plinth area of 136986 sq.m. Comprising buildings of high-standard classrooms with proper ventilation, numerous laboratories, an auditorium, smart classrooms, a library, and indoor and outdoor stadiums. Restrooms are provided at regular intervals in all the wings separately for boys and girls. All laboratory courses have fully equipped with good infrastructure and required equipment. Each lab is monitored by the technical supervisor to ensure lab utilization and maintenance. The college has 1428 students on its rolls, 152 teaching staff, and 16 non-teaching staff.

Details of infrastructure facilities

1. No.of.Classroom - 38
2. No.of.Laboratory - 34
3. Seminar Hall - 2
4. Conference Hall - 2
5. Canteen - 1
6. Hostel - 2
7. Drawing Hall - 2

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://kingsedu.ac.in/naac/criterion4/4_1_1.php

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

KEC has well-equipped sports facilities to cater to the sports and games requirements of the students. Sports facilities have been established for various games inclusive of Cricket, Football, Basketball, and Volleyball to ensure the focus of the institute in providing extra-curricular activities to the students. Every year around 500 students participate in all the sports and games events. KEC conducts ANNA University zonal tournaments, Interzonal tournaments, and Intra and Inter

department tournaments.

Outdoor Games:

We have a Foot Ball ground of 12000sq.m established in the year 2009. Every student is interested to play football on that ground. Students get practice whenever they get free time and evening time. Sports students participated in the Anna University zonal level and won prizes. A Cricket pitch with a practice net is available in an area of 12132sq.m. Our students won many prizes in zonal-level cricket matches. A volleyball court is available in the area of 365 sq.m with the proper marking and nets. We are planning to construct a gallery for the students.

Indoor Games:

We have provided a nice ambiance for the students to play indoor games like Chess, Shuttle, Badminton, Table Tennis, and Carrom. We have a separate court for all the indoor games.

Gymnasium:

We have a Multi Gym facility for the students to relax and work out in their free time to maintain a healthy body and we encourage the students to participate in extracurricular activities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://kingsedu.ac.in/naac/criterion4/4_1_2.php

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

46

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://kingsedu.ac.in/naac/criterion4/4_1_3.php
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

79,76,314

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

Name of the ILMS software: AutoLib Software Systems

(Library systems and services are fully automated by using AutoLib Software; a web-based Library Automation Software. This facilitates automated library systems and services including e-Gate register, circulation, biometric integration with circulation services, OPAC).

Nature of automation (fully or partially): Fully Automated

(The main objective of the library is to provide information services and access to print and e-resources to support the scholarly and informational needs of the institute community.

The library is established in 2001 and has a total area of 1500 sq.m. The fully automated library is well equipped with a total number of titles is 7006 and that of the volumes is 27749. The number of national/international print and online journals is 239. The library is managed by 1 experienced librarian and 2 assistant librarians. The total number of available book banks is 5000. The Total number of available Nonbook Materials like CDs is 881. The Total number of available Project Reports for students' reference is 985. The Total available Journals Print is 60 and the online journal is 179. The Total available packages of Magazines are 12 and available Newspapers are 07. The Open Access system is being followed in the library. Wi-Fi facility is also extended in the library besides internet facility in the digital library cum e-learning center).

Version: AEEDL 5.1 (Web - Advanced Enhanced Edition Plus Automation of Department Libraries)

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://kingsedu.ac.in/naac/criterion4/4_2_1.php

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

B. Any 3 of the above

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

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

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

8,44,398.00	
File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	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 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)	
4.2.4.1 - Number of teachers and students using library per day over last one year	
170	
File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File
4.3 - IT Infrastructure	
4.3.1 - Institution frequently updates its IT facilities including Wi-Fi	
<p>The college has 18 Wi-Fi hotspots with extenders provided to cover the wireless range throughout the college. All computers on the campus are connected to the internet as it is essential for them to work, also Wi-Fi connections are provided for laptops or other devices in need of internet connectivity.</p> <p>Facilities enhanced by IT infrastructure</p> <ol style="list-style-type: none"> 1. Faculty take up assessments and enter assignment marks through their laptops. 2. Students can access the subjects through the Kings Students portal through their mobiles and laptop. 3. Students can interact with staff at any time through the Kings forum. 4. The entire campus including Hostels has Wi-Fi connectivity with a speed of 100 Mbps. <p>Computing and communication resources are continuously upgraded with the latest state-of-the-art technologies to facilitate the</p>	

students and staff to learn and update their technical skills.

Wi-Fi speeds are continuously upgraded to 100 MBPS.

Following a strong network backbone is behind the success and streamlining of our campus' IT Infrastructure.

1. Microsoft Windows - campus license agreement
2. Microsoft Office - campus license agreement
3. Visual Studio
4. SQL server and client
5. Fortigate Firewall.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://kingsedu.ac.in/naac/criterion4/4_3_1.php

4.3.2 - Number of Computers

617

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

7,81,32,606.00

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

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

The college has appointed a technical person for maintaining the infrastructure by way of building maintenance, transport, furniture, and generator operator in case the power shuts down. Separate Complaint registers were maintained for various services like electrical, plumbing, housekeeping, etc. The people, who work here on the maintenance of the college, will report regularly about the breakage of instruments and devices to the higher authority.

In our college, we have five service departments for electrical work we have 10 staff members who are working in a shift basics every shift at least two members will be there for an emergency. Civil Works also we have 15 more staff to maintain the infrastructure of the institution. In the transport department, we have 20 staff members including of drivers transport in charge and service members. The computer service department has 5 staff members to make the service in the systems. We have 25 housekeeping sweepers to maintain the cleanliness of the campus.

Maintenance of sensitive equipment, Power, and Water supply:

Category

Capacity

Total Number

Maintenance (AMC)

Generator for constant Power

125 KVA

1 No.

Network Diesel

RO Water

2000 liters

1 No.

Aqua Filter

UPS

145 KVA

11 Nos.

Mothis power solution

Lift

600 KG

1 No.

Kona

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://kingsedu.ac.in/naac/criterion4/4_4_2.php

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year**1566**

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

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year**5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year****1026**

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

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

A. All of the above

File Description	Documents
Link to Institutional website	http://kingsedu.ac.in/naac/criterion5/5_1_3.php
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

1294

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

1294

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

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

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

143

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

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

5.2.2.1 - Number of outgoing student progression to higher education

7

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

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

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

0

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	No File Uploaded

5.3 - Student Participation and Activities

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

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

0

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	No File Uploaded

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

College is the place that makes ready individuals future ready, as responsible citizens and visionary leaders. Such qualities only come with the right exposure and experiences during the

tenure that one studies in an institution. With apt academic exposure supported by practical and experiential learning combined with opportunities and activity that build innovative thinking, creative ability, camaraderie and team spirit, students transform into future ready individuals. Our college students are an integral part of all the Academic Committees and Administrative Bodies. In the academic front they act as Student Coordinators, Symposium Coordinators, Conference Coordinators, Workshop Coordinators and Student Chapter Representatives. In the Administrative front, they voluntarily organize cultural events, festive and sports celebrations. Committees formed to undertake events and programmes in the college, the students take roles such as Chairperson, Vice Chairperson, Treasurer and coordinators. They periodically ensure the execution of various events must be conducted in our premises. Beside this, our student's innovative, multifold talents are exhibited in project exhibitions and stand as a place to demonstrate it. This creates an ambiance for the students to discover or innovate new technologies to solve the social problems. Our students participated in intra and inter college hackathon, symposium, workshops and conferences.

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion5/5_3_2.php
Upload any additional information	View File

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

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

14

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

5.4 - Alumni Engagement

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

Yes, The greatest reputation of an institution comes from the places that a student goes when the graduate take the name of the college along with them. And nothing warms our hearts more than to see our students from the past doing extremely well as professionals and becoming great human beings in the real world as KEC-ians. In the aim of building a bridge between the glorious college life and career, the alumni association was established to keep professionals and academicians in touch with their roots, that was formed here. Interaction with the alumni will make young graduates proactive to face the current challenges of competitive world. Providing an opportunity for a decent career, the alumni network services help from former students to find job opportunities and improve their chances of landing a job offer amongst peers and young graduates from the institution. A strong alumni network benefits the current student in the form of peer support and mentorship. The Alumni also donate their valuable time to offer career support to current students. The alumni and current students put their hand together to achieve the goal of echoing the name of KEC on a global stage.

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion5/5_4_1.php
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	D. 1 Lakhs - 3Lakhs
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 and in tune with the vision and mission of the institution	
<p>Kings Engineering College was established in the year 2001, recognized and approved by All India Council for Technical Education (AICTE), affiliated to Anna University, Chennai.</p> <p>The College is managed by the CHARTIAN EDUCATIONAL AND HEALTH TRUST, a Registered Trust of public nature for Education and Charitable purposes.</p> <p>Vision:</p> <p>The Vision of Kings Engineering College is to provide industry relevant technical education, motivate our technocrats to carry out skillful research and encourage innovation and thereby uplift our society through technology.</p> <p>Mission:</p> <p>Provide high quality technical education in the major engineering disciplines through a creative balance of academic, professional and extracurricular programs.</p> <p>Prioritize quality teaching and adopt a variety of approaches and methods to draw upon current research and multiple theories of teaching and learning.</p> <p>Guide the students to earn secure careers and to become global trend setters.</p> <p>To sponsor and educate less privileged with quality technical education.</p> <p>NATURE OF GOVERNANCE:</p>	

A well-defined Administrative and Academic framework and Governing Council is available in the Institution to ensure efficient administration, effective decision making and quality academic activities. The perspective plans were drawn on periodic basis to ensure the attainment of mission and vision of the Institution.

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion6/6_1_1.php
Upload any additional information	View File

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

Response:

Case Study:

The Academic Council is the primary scholastic body of our Institution, subject to the standards encircled by the department. The Academic Council have the control and exercise general supervision over the studious work of the Institution and to provide guidance in regards to the support of guidelines for teaching, training, coordination of research exercises and checking of assessments inside our Institution. The Academic Council will exercise such powers and performs different obligations as presented or forced upon it fair and square. The goal of the Academic Committee is to consider the present status and deliberate on strategies, prerequisites and decide on the guidelines to accomplish the vision of the Institution.

Participative management:

The institute always promotes the culture of participative management by involving faculties and students in various activities. All decisions of the institution are governed by management. The students and faculties are allowed expressing themselves for any suggestions to improve the excellence in any aspect of the Institute.

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion6/6_1_2.php
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

STRATEGY PLAN 2021 -22

1.
 1. Planning for Autonomous status
 2. NBA accreditation For all departments
 3. Planning to get new UG Program(AIML)
 4. Institute-Institute collaboration
 5. Institute-Industry Interaction
 6. Research collaboration with foreign university
 7. Planning for Research Ecosystem
 8. Planning to improve admission from other state
 9. Planning to recruit faculty from other state
 10. New pedagogy in teaching learning process
 11. Infrastructure-computer centre, building
 12. Planning for recycling the non degradable waste
 13. EDC-Launching Business Incubator
 14. Planned to launch Oorvasi Selvaraj PURA(Provision of Urban Amenities to Rural Areas)
 15. Establishing Centre for Energy and Environment
 16. Establishing Centre Of Excellence For Next Generation Networks

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://kingsedu.ac.in/naac/criterion6/6_2_1.php
Upload any additional information	View File

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

Committees:

All the committees like, Governing Council, Academic Council, Board of Study, Planning and Monitoring Board, IQAC, IQEC were constituted as per AICTE Norms.

Governing Council responsible for framing policies, rules and procedures for Academic and Administrative activities.

Planning and monitoring board monitors the regular activities inline with the vision and mission of the Institution.

IQAC reviews the quality of the activities and takes quality initiatives for the holistic development of students and faculty.

Administrative setup:

The day-to-day activities and functions are monitored by the Principal and Administrative Officers, HODs. The Institution has well-defined and transparent policies, recruitment procedures, rules and promotion norms. Also the Institution has various Grievance and Redressal Committees like,

- 1) Complaints cum Redressal Committee,
- 2) Discipline and Welfare Committee,
- 3) Anti-Ragging Cell
- 4) Anti-Sexual Harassment Committee, etc.

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion6/6_2_2_CLUB_ACTIVITIES.php
Link to Organogram of the institution webpage	http://kingsedu.ac.in/naac/criterion6/6_2_2_Organogram.php
Upload any additional information	View File

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

The Institution has conducted several FDPs for teaching and nonteaching Staff.

They include programmes on Faculty Development, Personality Development, Skill upgradation and Hands on Workshops etc.

Financial support is provided by the Management to be part of the professional society. This enables Faculty in the field of technical development.

The Institution also guides and helps the teaching and nonteaching Staff to pursue their higher studies. They also undergo training in reputed Institutions to improve their skills.

Review meetings are regularly conducted by the Principal and HODs for ensuring continuous improvement.

Welfare Schemes for Teaching Faculty:

- Financial support by the Management to be part of the professional society.
- Motivation and support to participate in industry immersion programmes which also contribute to the professional development.
- On duty leave is given to the Faculty members to attend FDP, Workshop, conferences in each semester etc., Free transport facilities are given to all Faculty members.
- Waiver of fees up to for teachers' children in the Institution.
- Medical leave will be provided for the Staff.
- Incentive for publication of papers / research articles, FDP and Workshop.
- Reward for producing University Ranks Cash awards and prizes for academic excellence / 100% pass percentage in Anna University exams.

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion6/6_3_1.php
Upload any additional information	View File

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

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

181

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

5

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

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

297

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

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

Response:

A well-defined system for Faculty appraisal is followed in the Institute. This may be a valuable process for both the Institute and the Faculty.

The Faculty members are expected to:

1. Provide periodical reports that correspond to their teaching and learning activities and cater to the needs of all instructional and mentoring responsibilities as specified in the policies and procedures.
2. Participate in scholarly and research activities which enhance their professional development.
3. Assist the Department, Institute and University Committees.

Implementation and Effectiveness of Faculty Appraisal System:

The performance appraisal is conducted at the end of every academic year. An effectively designed Performance Appraisal Form is provided to every Faculty member for self-evaluation.

Individual Faculty's contribution to Institutional performance and their administrative responsibilities will be filled by the Faculty in their self-appraisal form.

Suggestions and feedback will be given to improve their

contribution in the subsequent year.

This Performance Appraisal System has revealed an opportunity for every Faculty member to know their strengths and weaknesses.

The Non-Teaching Technical and Administrative Staff's performance appraisal system is based on various Self developmental activities.

In addition, if necessary, HoD can provide performance feedback about their faculty at any time to the Principal for necessary action.

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion6/6_3_5.php
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

Internal Audit:

A complete budget is prepared every year, before the academic year begins. The annual budget for the respective departments are prepared by their respective in-charges and is submitted to the Accounts Department through Principal by HODs. Another budget including infrastructure augmentation and maintenance is prepared by the Administrative Officer in consultation with the respective teams.

The Institution has a separate Internal Auditing Committee (IAC) headed by a Administrative Officer and one Faculty Member from each department. The Internal Audit occurs within the Institution.

In case of discrepancies pointed out by the audit team, the concerned person or department has to justify it, within a given duration. If found satisfactory, the issue will be closed. If not found satisfactory, suitable corrective action, recommended by the Auditing team, will be delivered.

External Audit:

The external audit is conducted annually. During the process, the information will be sent to all the departments one month in prior. The auditors will execute the audit plan as per the schedule. The report of the compliance submitted to the Principal and IQAC. Non-compliance with activities will be highlighted to the concern authority, for fu

File Description	Documents
Paste link for additional information	https://kingsedu.ac.in/naac/criterion6/6_4_1.php
Upload any additional information	View File

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

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

0

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

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

The sources of funds for the Institution are the grants from Management, Government of India and State Government, Philanthropes, Funding Agencies such as DST, AICTE, Consultancy for various purposes. General Fund received in terms of Student Fees, Hostel Fee etc.

Student fees are the primary source of income for the institution. As a socially concerned not-for-profit institution, the College has a conscious policy of keeping the student fee

affordable. The management usually provides funds for infrastructure development regularly and on the request given by the academic and administrative departments.

Many of our Alumni, working all over the world, contribute to the college. They create endowments through our Alumni Association and provide scholarships for under privileged students studying at our Institution. They also support many alumni activities organized inside the campus throughout the year.

Principal take a minute look at these criteria and then add the potential considerations and preparation, forward them to the finance committee for a stronger opinion.

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion6/6_4_3_Fund_Mobilization.php
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

Response:

Internal Quality Assurance Cell (IQAC) has the prime responsibility to initiate, plan and supervise various activities that are necessary to increase the quality of the education imparted in the Institution. The IQAC functions with the focus of continuously improving and ensuring long-term quality enhancement.

The team members of IQEC are isolated into different groups and each group is allotted with a particular criterion. The members are required to study and examine (Audit) the current practices followed in the institution and give their justification and measures that would improve requirements of that specific criterion.

The two best institutional practices contributed toward quality assurance strategies are:

1. Outcome based Education

i. Student Mentoring System

Students Mentoring system is being introduced at Kings Engineering College, from the year 2014 and upgraded by 2017. Faculty mentors play a crucial role in mentoring graduates. Students and their mentors share responsibility for ensuring productive and rewarding mentoring relationships. They give constructive feedback on writing, teaching and other elements of career design.

ii. Research Eco system

KEC is on a mission to achieve excellence in technical education, research and consulting through an outcome-based curriculum focusing on continues improvement and innovation by benchmarking with global practices. Today, KEC focuses on creating transformative opportunities, strengthening collaborative partnerships and maximizing the societal impact through cutting-edge research and innovation.

2. Teaching Learning Process Group Coordination

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion6/6_5_1_IOAC_Feedback_report.php
Upload any additional information	View File

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

The institution reviews its teaching learning process, structures and methodologies of operation and learning outcomes, at periodic intervals through the IQAC, as per norms. The Internal Quality Enhancement Cell comprises of Heads of Departments, as members to meet regularly and review the outcomes of the teaching-learning process.

Within the teaching and learning process are: Feedback system, Club Activities are stated here.

1. Feedback system

The Institute understands that students will become more accountable, honest and develop a sense of belonging to the organization, if they have the opportunity to engage directly with the administration.

It also senses that the response of the students to understand their requirements, keeps the courses and contents of the course up to the mark and also meets their learning-teaching requirements.

2.Club activity

To give students an opportunity to showcase and sharpen their talents, while also preparing them for various intra institution competitions, various Club Activities are conducted throughout the year. Club Activities not only help students shape their personal interests and hobbies but also improve their independent thinking, leadership and social skills.

Through club activities, students have the opportunity to pursue individual interests, career networking opportunities, leadership skill development and social networking.

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion6/6_5_2_STEAM_CLUB_Report.php
Upload any additional information	View File

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

A. All of the above

international agencies (ISO Certification, NBA)

File Description	Documents
Paste web link of Annual reports of Institution	http://kingsedu.ac.in/naac/criterion6/6_5_3_ANNUAL_REPORT.php
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES**7.1 - Institutional Values and Social Responsibilities****7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year**

In accordance with the principle of gender equality, our institution has treated female students equally in terms of their right to express their individuality and personality. Our college is dedicated to teaching and promoting the idea that gender sensitization among the students is their primary duty and a requirement under the Constitution. In order to promote gender sensitization in the sphere of higher education, successive administrations have implemented a number of welfare programmes that offer completely free education to female students. Governments offer a variety of scholarships every year to help girls for their education.

To encourage students to express their rights and teach them about women's empowerment, our college has both a women's empowerment and an anti-ragging cell. These cells periodically organize a variety of programmes and activities for the students to promote the concept of female empowerment and awareness. In order to warn people about the severe consequences against ragging and harassment of women, we post posters and other government circulars. The anti-sexual harassment cell has been paying particular attention to the female students and attempting to encourage them by fostering confidence in them as they deal with any issues on or off campus.

To maintain students psychologically strong and self-assured enough to face any kind of depression they may encounter in life, the student are given counselling by the senior women professors. The college's discipline committee oversees all disciplinary issues, with a focus on safeguarding the privacy and preventing harassment of the female students.

File Description	Documents
Annual gender sensitization action plan	http://www.kingsedu.ac.in/naac/criterion7/7_1_1.php
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://www.kingsedu.ac.in/naac/criterion7/7_1_1_Facilities_For_Women.php

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	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 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

• **Solid waste management**

Degradable and non-biodegradable wastes generated on campus include wrappers, glass, metals, paper, plastics, old newspapers, used papers are collected separately and disposed of/recycled according to their nature.

• **Liquid waste management**

Sewage, laundry, hostel, and canteen effluent waste are among the

liquid wastes generated on campus is treated in the institute's Sewage Treatment Plant (STP), which has a capacity of 240 KLD (Kilo Litres per Day). The entire treated water supply is used to water the campus's gardens and lawns. The sludge that has settled in the STP is removed and dried on drying beds before being used as garden manure.

• Biomedical waste management

Wastes such as blood-contaminated items, dressings, plaster casts, cotton swabs, and bags containing residual or discarded blood, Needles, syringes with fixed needles, needles from a needle tip cutter or burner, scalpels, blades etc in the biomedical laboratory are sterilized in an autoclave and then discarded.

E-waste management

Electronic goods are used to their full potential; minor repairs are handled by laboratory assistants and teaching staff; and major repairs are handled by the Technical Assistant and reused. KEC has a Memorandum of Understanding with Kottalam Traders, which buys our broken computers and other non-repairable e-waste

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	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
Geo tagged 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
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File
7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution	
7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	A. Any 4 or all of the above
File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	View File
Any other relevant information	View File
7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms	A. Any 4 or all of the above

Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment

5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

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

The institute is making deliberate efforts to create an inclusive environment. The primary objective of these initiatives are to encourage better education, the economic uplift of the poor, and societal harmony. In order to raise the villagers' understanding of environmental and ethical issues, the institute has conducted awareness Programmes. The goal of the extended activities is to provide an atmosphere where students can develop holistically. Sensitising students to the cultural, geographical, linguistic, communal, and socioeconomic diversity of the state and the country has always been a top priority for our institution. To instill tolerance and harmony among students, the institution participates in local and cultural celebrations including Youth Day to teach tolerance and harmony to the students. The Gender Equality Policy emphasises equal rights, access, and opportunity for men and women. The institution's policy for the differently abled guarantees that every employee is aware of the care that should be given to those with disabilities. The institution makes constant efforts to ensure that people with disabilities feel included in all aspects of college life by offering a barrier-free environment, necessary facilities, and human and technology help. Topics on human rights, tolerance,

love, compassion, harmony, promoting social values, environmental preservation awareness, and ethics have been included to the curriculum by the institution.

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

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

The institution educates students and staff about their constitutional obligations on values, rights, duties, and responsibilities, and works tirelessly to develop them as better citizens of the country via different curricular and extra-curricular activities.

As a first step in instilling constitutional duties in students, the college curriculum includes courses such as Professional Ethics.

The institution takes many initiatives like conducting awareness campaigns, organizing orientation programmes, training programmes, seminars to sensitize the future leaders to inherit human values coping with the constitutional obligations. Ethical Values, rights, duties and responsibilities of citizens are some of the topics that are enlisted in Elocution/ Debates activities. The institution has strived forward with great effort to increase the level of awareness and appropriate practices amongst the students in the following areas: Fundamental Duties and Rights of Indian Citizens: The students have enthusiastically participated in various activities like seminar, conferences, expert talks, poster making competition, competition on various contemporary legal issues etc. Constitutional Obligations: Various departments of the institution and NSS unit are actively involved in conducting several activities for inculcating values for being responsible citizens.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://www.kingsedu.ac.in/naac/criterion7/7_1_9.php
Any other relevant information	http://www.kingsedu.ac.in/naac/criterion7/7_1_9 RI.php

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

A. All of the above

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

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

National and international commemorative days, events, and festivals are celebrated/organized by the institution every year. National festivals play a vital part in building a sense of nationalism and patriotism among Indians. Our institution enthusiastically commemorates these dates to honour the philosophy of nationalism and to pay respect to our great National Leaders. The institution's Faculty, Staff, and Students all get together to commemorate these occasions and disseminate

the message of Unity, Peace, Love, and Happiness throughout.

Every year on January 26th, the institution commemorates the adoption of the Indian constitution and spreads the notion that India is the world's largest democratic democracy. This is a day to remind youngsters of the country's constitution and the need of adhering to it at all times. The principal will deliver a speech in which he will host the national flag and transmit a warm message of nationalism.

Every year on the 15th of August Flaghoisting's is arranged to commemorate India's independence from British dominion. Students are encouraged by the institution to commemorate our national leaders and their sacrifices.

Voters Day is celebrated on 25th January wherein the students are given awareness on their duties and rights as a loyal citizen.

Students, and Faculty actively get involved in organizing many more events like the above mentioned and participating in it.

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

7.2 - Best Practices

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

Best Practice 1

1. Title of the Practice: Mentoring

2. Objectives of the Practice

The main objective of mentoring is it provides a space for observation where the mentee may take care of and confront their growth.

3. The Context

Starting from their first year, students are assigned faculty members. Career development, role modelling, and organizational dedication are all results of mentoring relationships.

4. The Practice

Regular counselling results in Mentors who can help the Mentee identify problems and prepare solutions.

5. Evidence of Success

Students' behaviour, academic performance, past involvement in extracurricular activities, the total number students who graduated from Anna University in the previous five years are considered as evidence of success.

6. Problems Encountered and Resources Required

For many mentors, the challenges arose from early uncertainties about the students attendance.

BEST PRACTICE 2

1. Title of the Practice: Training & Placement

2. Objectives of the Practice:

The training and placement department helps students develop the most desirable career opportunities by providing them with the necessary training and putting them in deserving jobs.

3. The Context:

Training for development in an encouraging learning environment that guarantees to attain employability qualification with high-quality job placement.

4. The Practices:

From the third year to the final year, a planned curriculum for placement training is intended to be taught.

5. Evidence of success:

Students achieve the learning outcome in a fundamental skill such as quantitative aptitude, verbal & nonverbal, soft skills, and technical training for growth.

6. Problems encountered and Resources Required:

A non-progressive category in placement results from inactive or irregular participation in placement activities.

File Description	Documents
Best practices in the Institutional website	http://www.kingsedu.ac.in/naac/criterion7/7_2.php
Any other relevant information	http://www.kingsedu.ac.in/naac/criterion7/7_2 AI.php

7.3 - Institutional Distinctiveness

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

Gender equality is not only a fundamental human right, but a necessary foundation for a peaceful and sustainable world. Despite all the efforts which put by feminists still there is a inequality prevails over the society so as an educational institution kings engineering college tries to bring gender equality in their teenage itself. So KEC found a club namely "Egalitarian's Club" (A person who trust the principle that everyone is equal is called Egalitarian) to promote the ideas of gender equality. This club intention is to make everyone to realize their role in society irrespective of their gender. Students who registered in this club will be active ideal of gender equality, he or she will be responsible for gender equality in college premises. We had student coordinators for this club, they will come with suggestions or ideas regarding gender equality after the discussion with members of the club. The needed ideas will be promoted by the management and principal of the institution. Every month club will conduct program regarding the theme of gender equality. As KEC knows It's a long run to achieve great heights but hope KEC trust that KEC will be an pioneer to begin this ideas by a club. After all these there might be a question that, is it possible to make them to realize regarding gender equality? Yes of course we can - KEC

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. The present epidemic is reshaping our environment and transforming the skills required. Diverse abilities, such as those connected to IT, entrepreneurship, adaptability, and research, have become increasingly important in today's world. IQAC tries to organise more programmes to assist students and staff in developing their abilities.

2. It is critical that people help one another during and after the crisis, especially the most vulnerable people in society. The IQAC planning to expand its outreach initiatives.

3. Establishing more formal links with other colleges, universities and Industries through Memorandums of Understanding (MOUs) will increase knowledge transfer, and the IQAC will devote its efforts in this area.