



YEARLY STATUS REPORT - 2020-2021

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://kingsedu.ac.in/academics20-21_odd.php				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.95	2021	22/02/2017	22/02/2022
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	
ECE.Dr .lekha shree	TNSCST	state government	20-21	7000	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• 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)	
Enriching all programmes towards core competency, NBA for all department	
Improving Infrastructure facilities	
Innovation in teaching and learning process (online)	
Encouraging Remote access of library resources	
Establishing Centers for Recent Emerging Technology	
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
NBA accreditation for CSE	achieved
Placement in reputed MNC	achieved
Coaching for competative exams	achieved
Patent and publication in annexure	achieved
Value added course	achieved
Recruiting faculty from other state	achieved
13.Whether the AQAR was placed before	Yes

statutory body?	
<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
Governing Council	08/03/2022
14. Whether institutional data submitted to AISHE	
Year	Date of Submission
2021	25/03/2022
Extended Profile	
1. Programme	
1.1 Number of courses offered by the institution across all programs during the year	7
File Description	Documents
Data Template	View File
2. Student	
2.1 Number of students during the year	1108
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	353
File Description	Documents
Data Template	View File
2.3	214

Number of outgoing/ final year students during the year		
File Description	Documents	
Data Template	View File	
3.Academic		
3.1		98
Number of full time teachers during the year		
File Description	Documents	
Data Template	No File Uploaded	
3.2		98
Number of sanctioned posts during the year		
File Description	Documents	
Data Template	View File	
4.Institution		
4.1		35
Total number of Classrooms and Seminar halls		
4.2		300000000
Total expenditure excluding salary during the year (INR in lakhs)		
4.3		560
Total number of computers on campus for academic purposes		

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

- Imparting knowledge while serving society as an example is a virtuous way to exist. The Kings Engineering College, affiliated to Anna University, adheres to the curriculum and syllabi prescribed by the University strictly and implicitly.

To add to the dissemination of knowledge from the prescribed curriculum, the Institution has strategically deployed methodologies and processes to strengthen the teaching-learning process after thorough planning, trial and testing.

- 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) at each and every level within the institutional structure.
- The plans and annual calendar for academic activities are done in prior and with alignment with the University issued Calendar of Events.
- The allotment of subjects to the faculty is done by with their discretion after understanding and analyzing their subject expertise and performance during the previous years.
- Faculty therein maintain course material is done by regularly documenting and updating study material such as lecture notes, question bank, lab manuals. They are prepared with the focus on outcome-based education and Bloom's Taxonomy. This material is uploaded in the Students' Portal for their reference. Hard copies of question banks and lab manuals, updated library facilities along with e-journals are also provided to the students.
- Course delivery and dissemination by the faculty is periodically monitored with feedback from the students through 'Class Committee Meetings' (CCM) and high quality is ensured with action and change implemented based on the analysis of student feedback.
- Active participation and involvement is encouraged with academic learning. In the teaching and learning processes learner centric techniques such as web related assignments, group discussion, use of NPTEL lectures, case studies, projects, and quizzes are deployed as a part of the academic curriculum.
- To meet the challenges in a rapidly growing technical environment, the Institution organizes relevant video lecture sessions made with industry expertise for each Engineering discipline. The videos will possess content that display the latest technologies at work for the students consumption. The students are allowed to discuss, debate and innovate using the ideas among themselves with the guidance of the faculty.
- Teachers are given the task of mentoring 15 students per head, on academic and personal issues. This system helps strengthen the bond between teachers and students, that will create a healthy learning atmosphere and helps improve their performance.
- The Institution constantly supplements the curriculum by

bridging them through organizing suitable invited Guest Lectures, Seminars by industry experts, at regular intervals. By partnering with relevant organizations Industrial Visits, Training Courses, Refresher Courses and Workshops are a regular happening, so as to improve the effective implementation of the curriculum designed and specified by Anna University.

- A planned time table is framed with the provision for seminar and library hours for all departments.
- Planned and Systematic examination processes are implemented to prepare high standard question papers with proper and prompt evaluation. Exam reports are dispatched to parents regularly.
- Students are motivated and given the opportunity 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 year starts as prescribed by Anna University. The University publishes in advance, the academic calendar containing plans for curricular and co-curricular activities based on the available working/teaching days as per University norms. The student council of the college prepares the college academic calendar in concurrence with the University calendar.

- The academic calendar is prepared in accordance to the university schedule and distributed to the faculty and the students
- The academic calendar provides dates for the commencement of

academic sessions, duration of semester, period of internal assessment tests, co-curricular and extracurricular events planned for the semester and Government Holidays

- Students are informed earlier on about the commencement of internal assessment examinations and the schedule for the portal entry
- 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 with importance given to the university question papers before the start of the semester
- Co-curricular activities such as industrial visits, guest lectures, add-on/certificate courses, placement training, workshops and cultural activities are planned by the departments based on the academic calendar and their schedules will be displayed on the notice board
- The mode of internal evaluation is undertaken by conducting three Continuous Assessment Tests. The first two tests are conducted for two units each from the syllabus and the third one is conducted for all the units and treated as a model exam before the Anna University theory examination
- 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 to identify the weak students and implement performance improvement plans
- Laboratory manuals are maintained to support the students and the experiments are conducted as per the time table for laboratories
- Completed experiments are recorded in the record book, to show the proof of completion
- Anna University Theory and Practical examinations are scheduled based on the calendar and the results of these examinations prove the efficiency of faculty and the students.

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 C. Any 2 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

07

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)

03

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

1074

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

CROSS CUTTING ISSUES /GENDER EQUITY

Women still experience patriarchy and hegemonic masculinity that manifests itself in various forms of discrimination. Moreover, when rigid cultural gender roles are strong and gender equality mainstreaming is slow or absent, higher numbers of women do not translate into a decrease in gender-based bias, stereotyping and violence. The gender gap in KEC has tilted in favor of women as a result of increased access and inclusion of women in higher education. This does not mean, however, that gender equality - equal status between men and women and personal empowerment - has been

achieved in KEC. With all, these as an added value Women's empowerment cell are functioning in Kings Engineering College to enlighten the social values of women in the society. Empowerment can be defined in many ways like accepting and allowing people (women) who are on the outside of the decision-making process into it. Empowerment is the process that creates power in individuals over their own lives, society, and in their communities. People are empowered when they are able to access the opportunities available to them without limitations and restrictions such as in education, profession and lifestyle. Feeling entitled to make your own decisions creates a sense of empowerment. Empowerment includes the action of raising the status of women through education, raising awareness, literacy, and training. Women's empowerment is all about equipping and allowing women to make life-determining decisions through the different problems in society. We at KEC Empowering women for protecting, maintaining and strengthening their dignity by developing human capabilities through quality education based on social values and make them responsible citizens who can work for the advancement of the society. The program organized every year holds the theme of women empowerment to enlighten the feelings and awareness to the excite of Women. The cultural activities conducted mainly focused on the necessity of women to the society as a mother, wife and daughter. Just to salute human values and ethics Kings Engineering College allows the anticipating women to avail Maternity leave with pay. To give gender equity values Male faculty and students are also encouraged to celebrate boy's hostel day and some Skill Development Programme called "Success in your hand" in our college campus. Sports events and the sports day give equal values to both genders.

- At KEC, women students and staff are primarily viewed as women and there is no discrimination in security and safety at the college for both of them. Women's Convener's, Counselors and Redressed forums are set and regularly met with and issues are addressed with action being rolled out immediately. For women students, a Common Room has been built in the premises that act as a haven for them for various reasons, personal and professional. No discrimination is mete out when providing students with opportunities and equal participation, at 50 percent, is ensured at all levels of activity in the college. Any such discrimination noticed is met with sever action and reprimanding. Similarly, women staff is treated with the same amount of diligence as students. No discrimination is encouraged or mete out in terms of opportunities and growth for lady staff. Promotions and leadership opportunities are based only on the capability and performance of the member in

review barring gender. Appropriate hiring practices are also put in place, so that male-female ratio is maintained among staff, and no partiality or bias is made based on gender. The security and safety of women staff is a matter of utmost importance and POSH (Principles of Occupational Safety and Health) standards are met at KEC. Apart from this, women avail Maternity Benefits, as prescribed by the government, without any affect to their position or growth here. The maternity leave is awarded with full pay on completion of at least 45 days prior to the expected date of delivery. At KEC women are foremost pillars, and we ensure that they are taken care of.

Moreover, when rigid cultural gender roles are strong and gender equality mainstreaming is slow or absent, high participation in numbers of womendoes not translato a decrease in gender-based bias, stereotyping and violence. The gender gap in KEC has tilted in favor of women as a result of increased access and inclusion of women in higher education. This does not mean, however, that gender equality - equal status between men and women and personal empowerment-has been achieved in KEC. To ensure that the gap is bridged, various steps have been taken and mechanisms put in place so that women are given the right to be equal in a world of men.

Girl's Common Room

There are two common rooms in the college premises one for girls and one for boy's students. These serve as an open space for relaxation, socializing and entertainment. Both Girls' and Boys' common rooms are spacious and airy. The College maintains separate rooms for the rest and recreation among girl students. The common room is provided with indoor games, chair and tables and reading materials to suit various needs. The common room has attached washroom facilities, incinerators for sanitary pad disposal, water purifier to provide drinking water, both cold and normal. The Girls Common room has a lady peon deployed for its maintenance and surveillance.

Boy's Common Room

One of the major attractions among the students of this college is the common room for boys. In between the class hour they are using this as their relaxing and refreshment time. Boy's common room is well maintained and equipped with some indoor games facilities. Usually a student is selected for the post of Boys common room Secretary by the students union.

(Photos has to be added)

Environmental Safety

KEC nature club established in 2013 believes that an understanding of nature will give each individual a better perspective of the world. The awareness about the present status of the environment has become very important in view of the precarious situation due to pollution, deforestation, Global Warming, Ozone layer depletion, consequent major changes in climatic conditions, erratic monsoon. The Nature club believes that nature teaches life's lessons in its own subtle ways and enables our youth to share their responsibilities in maintaining a healthy environment and to take steps to avoid environmental degradation in their individual capacity as well as in a group. In Kings Engineering College we seek to live, work, and play in such a way that we enhance the environmental, economic, and social well-being of our communities, minimize use of natural resources and reduce its impact on our environment. Educate ourselves and others about the duties and responsibilities of citizens to ensure sustainable development for the future generation. To achieve this, we believe one needs to collectively and individually think, act, and interact to encourage change in the students' outlook and to take initiatives and organize campaigns to achieve its objectives. as well as in a group. In Kings Engineering College we seek to live, work, and play in such a way that we enhance the environmental, economic, and social well-being of our communities, minimize use of natural resources and reduce its impact on our environment. Educate ourselves and others about the duties and responsibilities of citizens to ensure sustainable development for the future generation. To achieve this, we believe one needs to collectively and individually think, act, and interact to encourage change in the students' outlook and to take initiatives and organize campaigns to achieve its objectives. To give enhancement to this aspect trees inside the campus are highly protected to create a green environment. A horticulture team helped the gardeners to maintain a green campus.

The curriculum includes elective subject like "Environmental Sciences and Engineering - GE8291" for all branches under Anna University regulation 2008, 2013, and 2017 inculcates knowledge and intensifies the importance of Environmental Science and Engineering to the students. We as Kings Engineering College introduce Add-on/Certificate courses like 205003 "Fire and Safety" to stress the importance of Environmental Safety.

Professional Ethics

Engineers must perform under a standard of professional behavior that requires adherence to the highest principles of ethical conduct. Engineers, in the fulfillment of their professional duties, should ensure safety, health, and welfare of the public. Perform services only in areas of their competence. Engineering ethics is the field of system of moral principles that apply to the practice of engineering. The field examines and sets the obligations by engineers to society, to their clients, and to the profession.

The university curriculum includes an elective subject titled "Professional Ethics in Engineering - GE8076" are offered to all branches of Engineering in all regulations. This course focuses on human values and discusses engineering ethics, explains safety and risk factors ensures responsibilities and rights of engineers to address global issues related to environmental ethics. The course will develop a framework on which professional and ethical issues can be analyzed. This builds an awareness of various views of ethical issues as well as professionals, ethical rights and responsibilities. The study of engineering ethics within an engineering program helps students prepare for their professional lives. A specific advantage for engineering students who learn about ethics is that they develop clarity in their understanding and thought about ethical issues and the practice in which they arise. The study of ethics helps students to develop widely applicable skills in communication, reasoning and reflection. These skills enhance students' abilities and help them engage with other aspects of the engineering program such as group work and work placements. Respect for others is based on self-respect. It really is following the Golden Rule: "Do unto others as you would have others do unto you". To respect the human values KEC frequently organize blood donation camps in collaboration with the non-political service organizations like Lions club. The young engineers donate blood that serves many of the people who are in need. The visits for the orphanages also enhance the human and helped the children who are separated from their biological families.

NSS National Service Scheme

The vision is to build the youth with the mind and spirit to serve the society and work for the social uplift of the down-trodden masses of our nation as a movement. The National Service Scheme has been functioning with the motto "NOT ME BUT YOU" in view of making

the youth inspired in service of the people and hence NSS Aims Education through Community Service and Community Service through Education.

Broad Objectives of the service scheme are

- Understand the community in which they work
- Understand themselves in relation to their community
- Identify the needs and problems of the community and involve them in problem solving process
- Develop among themselves a sense of social and civic responsibility
- Utilize their knowledge in finding practical solution to individual and community problems
- Develop competence required for group living and sharing of responsibilities
- Gain skills in mobilizing community participation
- Acquire leadership qualities and democratic attitude
- Develop capacity to meet emergencies and natural disasters and Practice national integration and social harmony

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

209

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

365

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

353

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

The Secretary, Tamilnadu Engineering Admissions (TNEA), admits first year B.E./B.Tech.Students through a single window system based on

their Higher Secondary Examination (HSC) marks.

The Secretary, Tamilnadu Common Admissions (TANCA), admits first year M.E./M.Tech. students through a single window counselling based on a common entrance tests' results (TANCET).

- 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.
- To overcome the lack of communication skills, that some students may have, Communication Skill Courses are conducted through the course tenure.
- Special care is given to differently abled students and students with lesser academic proficiency by conducting remedial classes to improve their academic performance.
- Individual faculty have a target for students in their respective subject and special attention is given to them.
- Every semester, before the model exam, events are conducted for the course where they apply the learnt theoretical concepts practically, to help enrich their knowledge. Academic activities (like Designing, Programming, Simulations, Technical seminars, Technical Quizes) conducted for all the subjects to enhance better understanding of the subjects.

For Differently Abled and Less Proficient Students:

- Special care is given to differently abled students and students with lesser academic proficiency by conducting remedial classes to improve their academic performance
- Previous year university question papers are discussed during the remedial classes
- Mentors are to monitor the student's progress and advise the students about learning methodology and the importance of attendance
- Learning material, prepared by the Faculty members are verified

by the HOD, is uploaded in the Kings Portal for the students reference

- Progress reports are sent in periodic intervals, regarding student's performance to their parents.

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 AnnaUniversity 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
- Mock interviews are conducted to train them to face the interviews with confidence
- Company specific training programmes are conducted from the sixth semester onwards
- Awareness programmes are conducted to the students to prepare competitive exams like GATE, GRE, TOEFL, CAT and UPSC
- As a token of appreciation merit scholarships and cash awards are given to high performers
- Guest lectures and Seminars are conducted in concerned fields to keep track of technological development
- For the development of technical skills we encourage the students to learn through NPTEL videos and e-books and also undergo NPTEL courses
- Constant encouragement is given to the students to participate project symposiums, expos and Hackathons
- Academic Events motivate the students and provides deeper understanding of concepts.

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
1108	98

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. Every semester, before the model exam, events are conducted for the course where they apply the learnt theoretical concepts practically, to help enrich their knowledge. Academic activities (like Designing, Programming, Simulations, Technical seminars, Technical Quiz) conducted for all the subjects to enhance better understanding of the subjects.
- Various academic events conducted under each subject, help traverse vast areas of knowledge about the core and essential parts of engineering concepts and also enriches student experience about emerging techniques.
- The core aim of an internship is to equip the student with the experience of the live functioning of enterprises and problems faced and solved by them that explore feasible solutions and suggestions.
- Students are motivated to do an internship program during their vacation to gain better industry exposure and to be up to date with the knowledge about the tools, methods and processes used in the industry.

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.
- Guest lectures by experts from the industry and academia are organized by the concerned departments to give them better knowledge about the industry working conditions.
- The students and faculty are made to register for online NPTEL course to gain knowledge in addition to the prescribed curriculum. A digital library of NPTEL videos and e-books are available for various subjects, to promote the self-learning capability of the students.
- Healthy competitiveness and team building value is developed via group discussions, Techno quiz and Club activities..
- Students are encouraged to become members of various professional bodies such as SAE, ISTE, IETE, and CSI. By doing so, the students become direct beneficiaries of the programmes arranged by the societies.
- Apart from the technical societies, students interested to pursue business as their career are enrolled into the Entrepreneurship Development Cell (EDC). The EDC arranges regular guest lecture and are addressed by accomplished entrepreneurs who serve as an inspiration to the students.

Problem Solving Methodologies

- Tutorial classes are arranged for analytical subjects.
- 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

Kings Engineering College encourages all faculty members and students to undergo teaching and learning process using ICT enabled tools. For example actively participating in workshops, FDPs, Seminars and guest lectures. Kings Engineering College motivates all students to enroll and complete Online courses like NPTEL, Spoken tutorial for the benefit at large. During the pandemic as all regular classes were held online, many of our students took a major role in participating and registering for NPTEL based Online exams.

In the academic year 2020-2021, 944 enrollments were done and 109 of our student and faculty registered for the certification courses. NPTEL allots mentors for different courses where the total enrollment is greater than 5. Mentors are faculty members who guide those enrolled students help them in completing weekly assignments and motivate them to register for exams.

Spoken tutorial is also an ICT tool used exclusively for student community of our college for their improvement in open source software expertise. During the Academic year 2020-2021, 855 students from various branches of our college got benefitted through this IIT Bombay based online learning platform. Our college will continue to encourage and applaud those meritorious students who complete these courses successfully.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

72

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

98

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

04

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

509

File Description	Documents
Any additional information	View File
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 in the Examination halls and the overall smooth conduction of Examinations.
- Examination Cell mobilizes the proper staff during examination time and assigns them duty as per the duty roster.
- The marks secured in the Internal Assessment Tests will be displayed in the notice board.
- Each internal assessment tests' marks will be entered in the university web portal via the exam cell

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 .
- At the end of every semester, model examination will be conducted for all the laboratory subjects.
- 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 of the faculty members 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.
- The aggregate of marks obtained in all the reviews are considered to allot final internal marks.
- The Institution maintains transparency and robustness in evaluation of students.
- The evaluation system, inclusive of attendance monitoring, and other examination processes are communicated to the parents and students on the day of orientation.
- The Internal Assessment Schedule is conveyed to the students and faculty at the start of every semester through the academic calendar which is prepared based on the Anna University Academic Schedule.
- The IAT time table will be displayed on the notice board, webpage and Google classroom platforms before a week of the examination.
- The schedule of the Anna University Semester Examinations will be conveyed to the students as and when it is announced by the Directorate of Technical Education, Anna University.
- Internal Assessment marks are uploaded in the Anna University Web Portal for calculation of final scores.
- Attendance reports are entered periodically in the Anna University Web Portal.
- The marks secured by the students in IAT, attendance percentage and end semester examinations results are communicated parents through progress reports sent by post.
- Question papers are prepared based on the Course outcomes (COs) which in turn, address the attainment of Program Outcomes (POs) and Program Specific outcomes (PSOs) that are approved by Heads of the Department.
- At the end of Industrial/Practical training/internship/summer project, the candidate must submit a certificate and a brief report

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 internal 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.
- After evaluating the internal examination answer scripts, the faculty distributes them to the students, with corrections, as well as suggestions for better presentation and performance in the end of semester examinations. Students can immediately convey his/her grievance to the concerned faculty.
- 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. Mentors monitor the regularity of attendance and performance of the students in the internal assessment and end of semester examinations.
- The University provides the students with an option of obtaining a photocopy of their answer sheets, after the declaration of the exam results. The student can review his / her answer sheets and apply for re-evaluation on the recommendation of the subject handling faculty.

- If a student is not satisfied with revaluation results, he/she can go for a review, with the recommendation of the head of the department and Principal. Challenge evaluation fee is reimbursed by the University to the students, in case there is an improvement in the grades in comparison to the first evaluation.
- The review of University question papers are prepared by the faculty, to assess the level of difficulty in the question paper, and are given to the Heads of Departments and the Principal.
- Any grievances related to the university question paper such as out of syllabus, repeated questions, improper split of marks, missed marks, wrong question number are addressed to the Principal and it is intimated to the University through the portal with question paper comments.

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.

- 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. Less proficient and differently are encouraged for special meetings and interaction with the faculty to identify their problems and means to solve them.

Direct Assessment

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

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.

The attainment of Course outcome is evaluated under two categories - University Assessment and Internal Assessment.

University Assessment:

For University assessment the target is fixed based on the following criteria.

Attainment Level 1: 60% of students scoring above 50% in the University Examination.

Attainment Level 2: 70% of students scoring above 50% in the University Examination.

Attainment Level 3: 80% of students scoring above 50% in the University Examination.

Internal Assessment:

For the purpose of Internal Assessment the target is fixed based on a summative manner, by considering course performance through Internal Assessment Tests, Assignments and academic events. For Internal Assessment the target is fixed based on the following criteria.

Attainment Level 1: 60% of students scoring above 50% in Internal Assessments

Attainment Level 2: 70% of students scoring above 50% in Internal Assessments

Attainment Level 3: 80% of students scoring above 50% in Internal Assessments

The final CO target achievement is calculated by allocating 80% weightage to University Assessment and 20% weightage to Internal Assessment.

$CO \text{ Attainment} = \text{University Assessment} + \text{Internal Assessment}$

The achievement of POs indicates that the job is perfect. Curriculum, Assessment and Evaluation are the major tools by which Program Outcomes are attained. The only manner in which a PO is achieved on target is by considering all the above tools and their implementation and what outcome they have brought together. Not only

are they supposed to be considered as a whole, they are to be analysed and improvised, keeping the target in mind, while also staying true to the value of the PO and the aftermath of the outcome. With that being said, a PO seems to be a variable. Wherein after analysing the curriculum, conducting assessments and evaluating performance one can identify the faultiness of the PO's and where things have fallen behind. And to achieve them additional effort in terms of designing extra modules, bridge courses, better assessment options and implementation of iterative methodology can help achieve the PO to a perfect level.

- We should look at all of these together.
- Analyze the University Curriculum
- Determine the Gaps in Attainment of POs
- Design Extra modules / Assessments to Bridge these gaps
- Could need a few iterations

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

412

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	Nil

2.7 - Student Satisfaction Survey

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

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)

20

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

17

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_3_Grants_20_21.php

3.2 - Innovation Ecosystem

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

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

RESPONSE:

Kings Engineering College has established Research and Development Cell, with eminent active research members from each Department. The management encourages the students and faculty members to focus on research area and carry out innovative research projects which gives solutions to several Industrial and societal problems. Faculties are encouraged to conduct research activities and make publications in the journals of repute for knowledge sharing. The institution has the practice of conducting various workshops and conferences periodically for creation and sharing of knowledge. They are also encouraged to contribute to national and international conferences conducted outside the institution as part of this initiative. Similarly, some of the faculty members have published technical books as a part of initiative for knowledge creation and transfer. The faculty has been encouraged to take up Intellectual Property rights as an initiative towards innovation and knowledge sharing. The faculty delivers guest lectures and expert lectures to other institutions as part of knowledge sharing.

MENTORING

The mentoring student can help newcomers choose their schedule,

balance their time, help with studying, provide campus tours, and offer assistance in whatever a new student may need. A mentor may share with a mentee information about his or her own career path, as well as provide guidance, motivation, emotional support, and role modelling. A mentor may help with exploring careers, setting goals, developing contacts, and identifying resources.

ENTREPRENEUR DEVELOPMENT CELL

Kings Engineering College has an ecosystem for innovations like Entrepreneur Development Cell (EDC) for helping successful engineering graduates to float start-up ventures. The institution and the Incubator is well connected with various core industries and has signed Memorandum of Understanding (MoU) with ICTACADEMY, Embeddvar Solutions, Imarticus Learning Pvt Ltd, Knowledge Xchange Community, Wise source tech private limited, Pantech Prolabs India Pvt. Ltd, Sansbound Solutions Pvt Ltd and Netalla Innovations Pvt Ltd. Full attempts are being made to provide technological facilities and advices, network and linkages, co-working spaces, lab facilities, mentoring and advisory support to the eminent students towards Industrial Revolution.

INDUSTRIAL INSTITUTE COLLABRATION CELL

As part of choice-based education system, the students are encouraged to take up co-curricular activities involving theme-based projects which conclude the creation of innovative knowledge helpful for the society. Students are encouraged to take up industrial projects at various reputed research organizations such as ICTACADEMY, Embeddvar Technology Solutions, Imarticus Learning Pvt Ltd, Knowledge Xchange Community, Wise source tech private limited, Pantech Prolabs India Pvt. Ltd, Sansbound Solutions Pvt Ltd and Netalla Innovations Pvt Ltd etc, as part of their project work. Students are encouraged to take up and participate in code development activities, which train the students towards innovation. The institution has conducted the hands-on training session in "Raspberry pi" in collaboration with Embeddvar Technology Solutions. The "Raspberry pi" is a true single-board computer that contains just about everything you were used to seeing in larger computers.

RESEARCH AND DEVELOPMENT CELL

The Institution has well-equipped laboratories to cater to the needs

of students and to nurture them towards research and developmental activities. The Research and Development Cell organizes fortnightly review meeting to ensure that faculty members submit research proposals to various government organizations and corporate sponsored projects.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://kingsedu.ac.in/naac/criterion3/3_2_1_IIC.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

62

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

17

File Description	Documents
URL to the research page on HEI website	http://kingsedu.ac.in/naac/criterion3/3_3_1.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

73

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

203

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

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 20-21

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.

EXTENSION ACTIVITIES - 2020- 2021

S.NO

DATE

EXTENSION ACTIVITIES

NAME OF THE SCHOOL

NAME OF THE

ORGANISER

1

14.12.20

"Career Guidance"

Government Boys Higher Secondary School - Avadi

Mrs. J.M.Sheela lavanya

Mr. Prince

2

29.01.21

"Awareness on COVID - 19"

Government Higher Secondary School- Alandur

Dr.A.Venmathi, Mrs.D.Sterlin Rani

3

04.02.21

"Trending technologies"

Jai Gopal Garodia Girls Higher Secondary School

Dr. M. Parameswari, Mrs.S.Lekashri

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion3/3_4_1_EA_20_21.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

8

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

14

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

829

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

210

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

8

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. College presently offers 6 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, auditorium, smart classrooms, library, 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 1012 students on its rolls, 146 teaching staff, and 16 non-teaching staff.

Classrooms

Our Institution is having 31 classrooms furnished with Furniture, Projector, lights, and Fan. Classroom size is equal to or more than that specified by university bodies. Separate tutorial classrooms are arranged for both UG and PG students. The lecture Capturing System is equipped with one classroom that helps the faculty to record their lecture and upload their videos for the student's benefit in the portal. All departments are enabled with a 100 Mbps wi-fi facility to implement Active Learning.

Drawing Hall

We have two Drawing Hall with a seating capacity of 250 people/each. Drawing halls are furnished with Drawing tables, Chairs, Fans, Light, and good ventilation. Drawing halls are provided for the students to get practice in engineering graphics with the best ambiance.

Seminar Halls

Seminar Halls are equipped with Smartboard, LCD Projector with Wi-Fi facilities. Totally we have four seminar halls and all the halls are used by the different departments of students for their seminars, workshop, and guest lecture.

Laboratories

Curriculum wise equipment, technologies, and software are maintained up to date. Laboratories are fitted out with adequate facilities, safety measures, and proper power supply.

Library

The library has a total area of 1500 sq.m. The total number of titles is 7006 Nos. and that of the volume 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. Students and Faculty members are benefited to get knowledge by accessing library resources by providing library hours, especially in their timetable. We periodically update the books, journals, and e-books for enhancing the student's knowledge. Every department has an individual department library with a department librarian for easy access to the student.

Counseling Room

We have a counseling room for the students to freely interact with their mentors at the time of counseling. By this time students can easily and peacefully interact and discuss their disputes.

Rest Room

Restrooms are provided in every wing of the block. Separate restrooms for the boys and girls on every floor. Regularly cleaning process is done by sweepers to provide a hygienic environment.

e yantra lab

King's engineering college is collaborated with IIT Mumbai to create this lab in a 112 sq.m area. eYantra lab provides good knowledge to the students about Robotics and Embedded programming. The eYantra lab is having Arduino kit and FirebirdV5 setup. Faculty members are getting trained by the TBT challenge and workshop given by the IIT Mumbai.

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, 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, 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 are 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, 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.

Extra-Curricular Activities

The college organizes events related to NSS. Various social activities and blood donation camps are organized by NSS Volunteers. Our institution is having different clubs like Robotics, Entrepreneur club, etc.

Cultural Activities

KEC cultural association has department-level coordinators and student-level coordinators. The institution is having two auditoriums, the Fully Air Conditioned Kalvi Thanthai Auditorium with a seating capacity of 200 and an open Auditorium with a seating capacity of 800. An Open-air auditorium with a seating capacity of 800 to conduct college cultural activities. Various cultural programs are conducted in the annual day function and Christmas day celebration. Our institution is having Arts and Fine arts Clubs. The Arts team of the Association does regular shows for the students on Women Empowerment, environmental facts, and other social causes.

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.

35

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)

62.2

File Description	Documents
Upload any additional information	View File
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)

Response:

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 system 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 has a total area of 1500 sq.m. The fully automated library is well equipped with 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 librarians and 2 assistant Librarian. The total number of available of book banks is 5000. The Total number of available Non book Materials like CD is 881. The Total available Project Reports for student's reference is 985. The Total available Journals Print is 60 and online journal is 179. The Total available packages of Magazines are 12 and available Newspapers are 07. 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 centre).

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

Year of automation: 2013

S.no

Name of the ILMS

Nature of Automation

Version and year of Automation

1

Autolib

Fully

5.1 version, 2013

2

kingslib

Fully

2.0 version (Inhouse), 2015.

3

Autolib

Fully

8.1 version, 2019

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 **A. Any 4 or more 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)

9.52

File Description	Documents
Any additional information	View File
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

153

File Description	Documents
Any additional information	View File
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 8 Wi-Fi hotspots with extenders provided to cover the wireless range throughout the college. All computers in 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 on 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 the 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 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

407

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)

32

File Description	Documents
Upload any additional information	View File
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.

Response:

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 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 are for electrical work we have 10 staff members they are working on a shift basis every shift at least two members will be there for emergencies. Civil works also we have 15 more staff to maintain the infrastructure of the institution. In a 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 maintaining 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

For Sports

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. Separate and spacious hostels are provided for both boys and girls from various regions of the nation. The physical director involved in the maintenance of sports equipment and periodically inspects the conditions and every year sends the consumables list and sports requirements list to the principal.

For Computer Laboratories (Utilization and Maintenance)

Students and faculty members are provided with separate login credentials to access the intranet and internet. Access to the internet is provided in the lab even after college working hours. Apart from the regular lab classes, students are offered practice in programming languages through various value-added courses that are undertaken in the lab.

Preventive maintenance and breakdown maintenance procedure is followed so as to ensure maximum availability of the systems in the lab. Installation of antivirus and firewall ensures that the software and system are secured. The status of the hardware and software of the machine can be checked and noted on the status register on a daily basis. This ensures that the problem is identified and rectified at an early stage itself.

Breakdown maintenance wherein the system fails due to an SMPS problem or boot failure is recorded in a register. If the problem is minor, the technical support staff of the lab will rectify it. For major failures, support from vendors is taken and rectified. Anticipating vendor support, UPS and major equipment have annual maintenance contracts (AMC).

Periodic maintenance is done by regular cleaning of the lab spaces, software updates, and antivirus updates.

The stock in the lab is verified for the available equipment and discarded equipment, by a meticulous

Library

The library is managed by 1 experienced librarian and 2 assistant Librarians. They periodically inspect the conditions of the books and journals. Every year they conduct audits by the internal faculty. For the purchase of new books every year they get the required books from every department head and make the purchase under the direction of the principal.

Maintenance of Equipment:-

Regular check-up of equipment is carried out at the end of every semester.

- The breakdown register is maintained in the laboratories. As the required minor repairs are carried out by the lab assistant and faculty member. Maintenance of computers is taken care of by IT and COMPUTER department. Major repairs are outsourced by following the procedure of the institute. The faulty trainer kits are serviced by service engineers of specified companies. The measuring instruments are calibrated regularly by standards companies. Stock verification is done at the end of every year by the staff members from other departments and the report is submitted to the Principal.

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

1027

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

1063

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

1149

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

1149

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

210

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

8

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)	View File

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)	View File

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. In all 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 where they exhibit their various skills and talents that have been acclaimed and won many medals and awards. Our students have actively participated in stress management and yoga sessions conducted in the campus. This ensures that they are of sound mind and body to carry out all activities with clear focus and vision. NSS and YRC camps are organized to make our students excel in field and social work to serve society. As a part of intra college interaction and activation, our students organize sports and cultural events while also putting together and publishing college and department magazines and newsletters. As a part of the "Swachh Bharat" mission for a clean and hygienic India, our NSS Team organizes several events across the year and is celebrated with great reverie. The NSS YRC committee has organized body organ donation camps and blood donation camps to create social awareness and bring about a sense of social responsibility among students. Sports and physical activity plays a vital role in our institution. Many of our student's inner skills and extra-curricular talents are revealed through sports. Our college conducts regular inter department tournaments for games such as cricket, football, volley ball and indoor games like chess, carrom and badminton. The college sports teams has represented the name of the institution in inter collegiate and zonal level tournaments, while winning many accolades and championship trophies at the events. Our college plays host to professional societies such as ISTE, IETE, SAE, and CSI student chapters. Here, our students are members and they participate in the various event conducted by these societies. They represent the college chapter of these societies and ensure that the reputation of the college is maintained at all

events by being active participants and forerunners in the events.

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

2

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. Apart from this, the Alumni Association aims to keep blooming in the hearts of alumni the memories of college, friendship, learning and growth. In order to maintain a solid link between alumnae and college, the association offers being part of a body that enables advantages such as establishing a huge network among the alumni, improving career services, maintaining a lifelong contact, offering travel benefits and even financial support when needed. Keeping such great goals and prospects in the vision, in 2006, the Alumni Association of Kings Engineering College was established. Graduates can become a member of the association on payment of life membership fee of Rs. 300/- (India) or Rs. 1000/- for NRI's. Four registration tables for four branches like Computer Science Engineering, Information Technology, Electronics and communication Engineering and Mechanical Engineering, Bio Medical Engineering and Robotics and Automation Engineering are organized during graduation and annual day ceremonies. The Alumnae Association is maintained by an Executive Committee of members. The General Body meeting of the alumni association is organised once in a year, at the end of January. To motivate both social and fund raising events, the Alumni meets twice in a year. To keep the alumni active and reminiscent, the college takes special effort to organizes cultural programmed for their entertainment and participation and is always filled with lots of emotion and laughter. Students are always enthusiastic to see the alumni and question them about their secrets of success and their mantra for a bright and sustainable future. Many alumni share their stories and anecdotes from their life and what are the key reasons for their success. During such events the administration provides stay, food and transport when the visit from across the globe. Furthermore, the alumni after sharing their experiences.

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) **E. <1Lakhs**

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/about.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/Committees.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 2020-21

1. Planning for NAAC Accreditation and Autonomous status.
2. NBA for Mechanical and IT departments.
3. NBA Renewal for CSE and ECE Departments.
4. Planned for new course AI & DS.
5. CISCO and Data Science Labs.
6. To implement Experiential Learning
7. Government project proposal must be applied.
8. Research collaboration with foreign university.
9. Coaching for Competitive exams must be enhanced.
10. To increase the quality of journal publications.
11. Annexure I Journal Publications
12. Planned to admit students from other states to increase cross-cultural competency.
13. Introducing new technical courses/trainings.
14. On campus placement with tier 1 companies.

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_ext_of_20_21.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/Committees.php
Link to Organogram of the institution webpage	http://kingsedu.ac.in/naac/criterion6/6_2_2.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 non-teaching 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 non-teaching 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_ai.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

98

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**

24

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**

98

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 further action.

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion6/6_4_1_as.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, Philanthropers, 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_fm.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 Internal Quality Enhancement Cell (IQEC) has been formed to facilitate better planning, implementation and monitoring of quality related to academics Like

- Curricular Aspects
- Teaching, Learning and Evaluation
- Research, Innovation and Extension
- Infrastructure and Learning Resources
- Student Support and Progression
- Governance, Leadership and Management
- Institutional Values and Best Practices

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 (related to their criterion) and give their justification and measures that would improve requirements of that specific criterion.

The two best institutional practices that have significantly contributed toward quality assurance strategies and processes are:

1. Outcome based Education

2. Teaching Learning Process Group Coordination

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion6/6_5_1_iqac_report_20_21.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 and 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_club.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_ar_20_21.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

Our college has been committed to the idea of gender equality by offering female students' equal treatment in terms of their identity and personality expression. Our college is dedicated to gender sensitization education and practise. Students see it as their primary responsibility and a fundamental need. Successive

Governments have taken a number of steps to guarantee gender equality through creating social welfare programmes awareness programs in the higher education sector by giving girls with a completely free education. Every year, governments provide a variety of scholarships to help girls improve their lives.

To raise awareness among women, our college has established a women's cell and an anti-ragging cell.

Our institution has established a women's cell and an anti-ragging cell to raise student knowledge of their rights and to teach them about women's empowerment. These cells hold numerous events and activities for students to disseminate the notion of gender sensitization and empowerment on various occasions.

The anti-sexual harassment unit has been paying special attention to female students and attempting to provide support in terms of developing confidence in them when they confront challenges on or off campus.

Our principal and dedicated head of the Cells even communicate to their parents while dealing with any concerns that the girls may have. This prompted a big number of girls to apply to our college. The institution's goal is to raise their awareness of gender equality and empowerment in general. Another important goal of such events is to introduce pupils to interpersonal relationships, egalitarianism, and brotherhood.

In addition, our N.S.S. unit has been involving students in a variety of activities in order to instil skills such as leadership, social service, responsible and awakened citizenship, and a commitment to the ideals of equality, social justice, and tolerance. The student counselling facility has been functioning under the direction of senior female professors to provide informal counselling to students in order to maintain them mentally strong and confident in their ability to overcome any sort of depression they may encounter in their lives.

The College can use these resources to take the required steps to keep the campus clean, including the washrooms. The College's discipline committee oversees all disciplinary proceedings, with a specific focus on safeguarding female students from all forms of harassment and ensuring their privacy.

File Description	Documents
Annual gender sensitization action plan	http://kingsedu.ac.in/naac/criterion7/7_1_1_Action_Plan.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://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 wastes generated on campus include wrappers, glass, metals, paper, plastics, old newspapers, used papers, and so on. On campus, glass, metals, plastic, and other non-biodegradable waste are also generated. Degradable and non-degradable wastes are collected separately and disposed of/recycled according to their nature. Leaf litter is allowed to decompose gradually over time before being used as manure in the institute's gardens. Excess leaf litter is collected and composted before being used in the garden.

• Liquid waste management

Sewage, laundry, hostel, and canteen effluent waste are among the liquid wastes generated on campus. The aforementioned waste 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. As a result, all waste water generated on campus is treated and reused.

- Biomedical waste management

Wastes such as blood-contaminated items, body fluids such as dressings, plaster casts, cotton swabs, and bags containing residual or discarded blood and blood components. Needles, syringes with fixed needles, needles from a needle tip cutter or burner, scalpels, blades, or any other contaminated sharp object that may cause puncture and cuts in the biomedical laboratory are sterilized in an autoclave and then discarded.

- E-waste management

Electronic waste, also known as e-waste, is the scrap produced by discarded electronics devices. To be more specific, we can define e-waste as any electronic item that is no longer useful or is irreparably damaged.

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.

- Waste recycling system

- Hazardous chemicals and radioactive waste management

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

A. Any 4 or all of the above

campus

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	View File
Certificates of the awards received	No File Uploaded
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 : Human assistance, reader, scribe, soft copies of reading material, screen

A. Any 4 or all of the above

5.

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).

Diversity is a spice of life, but we have wide variety of people working in our institution. For the people to feel comfortable being themselves, leadership should feel comfortable connecting on an appropriate personal level. "Ultimately, every person at work wants to be recognized in order to do their highest and best work in a

different way or the same. "This presents a challenge for our management and principal who has to navigate how best to create an environment where people get to know each other for both difference and sameness". Diversity includes people representing a variety of genders, cultures, religions, ethnicities, and ableness that can deliver a rich history and skill set to an institution, and all of these people are valued, leveraged, and welcomed into the team as well. Institution takes effort in creating such an inclusive environment, by making them work as a team of different group of people. Institution supports their people working in the institution, that they can actively practice inclusivity, take action to address specific needs. They also support working parents by offering Casual Leave. Creating inclusive environment makes people working in the environment become adaptable, promote creative and innovative thinking and attract additional talent interested in working in such an environment.

Students and faculties of different religion, different languages work together and equal opportunities are given to all regardless of religion, background, cast, languages and creed for the upliftment of an individual. Equal rights and opportunities of men and women are assured. Students and faculties are given equal rights to share their ideas for the development of the institution. Decisions on academic made by the higher officials are very transparent to both student's community and faculties to ensure the inclusive environment.

Institution always put effort in practicing ethical dealing with people regardless of their background, race, gender and cast, so the relationship is fair and healthy among the people in the institution. Value based education, employment opportunity are given to all people regardless of race, cast, gender and creed. No diversities are shown to any individual in the institution and they have their rights to follow their culture, religion. Every year Christmas will be celebrated, the students and faculties of different culture participate in a healthy way and harmony is followed by all individual.

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 and workshops 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 Faculty of Geography and History has organized various academic and co-curricular activities for the propagation of the Fundamental Duties and Rights of the Indian citizens. The students have enthusiastically participated in various activities like seminar, conferences, expert talks, poster making competition, competition on various contemporary legal issues. legal awareness camps to impart awareness of such issues etc.

Constitutional Obligations: The students of Economics have participated in parliament house visits to promote the awareness about various constitutional and legal obligations. The Faculty of History celebrates the Constitution Day on an annual basis and thus contributes to the spreading of Constitutional values and ideals amongst students. 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://kingsedu.ac.in/naac/criterion7/7_1_9.php
Any other relevant information	http://kingsedu.ac.in/naac/criterion7/7_1_9_SD.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: Academic Events

2. Objectives of the Practice

The main objective of the practice is to motivate and evaluate student's interest in the individual subject. This makes a student to implement the concept practically which helps to enrich their knowledge in the subjects. The seminars will keep the students up-to-date with the technologies. They start thinking about new things which could be implemented practically. A role-playing scenario aims at introducing students to various perspectives or ways of thinking about a situation, enhancing their ability to overcome problems, and providing experience within a given context.

3. The Context

Academic event is an excellent opportunity to involve students and to encourage them to connect their peers as they attempt to complete the task assigned to them in their particular position. Mould students for time management and teamwork, too. Employer's favor

recruiting applicants who are equipped with their industry experience and skills and know-how to connect and interact with clients. Also, if students choose to pursue higher studies abroad, co-curricular activities such as problem-solving, seminar, role play, etc., will make them stand out from other students. Involvement in these academic activities along with learning in the classroom teaches students how to efficiently manage time, prioritize assignments, obey a timetable and meet deadlines. Team exercises help students connect well with one other in the classroom.

4. The Practice

In addition to the standard academic program, the institution is taking an extra step in having the student's experts in the individual subject matter. So, apart from the assessment, we gave a realistic approach to all the topics.

Technical Quiz

Students need to form teams while participating in quizzes, allowing them to hone their teamwork skills.

Technical seminars

Making students take seminars on the subject topics would always help them more to understand the subject. This would give them a chance to collect more information about the seminar topic they are provided with. The result is that they would learn the subject well. Because they have to acquire knowledge about the subject of their own. By taking seminars in front of their teachers and friends, the students will be able to talk before a crowd later in their life without any difficulty. Also, they can improve their presentation skills. It is a great chance for the students to improve their skills within their curriculum. They can improve their language. By taking seminars they will become very able to interact with the people which will turn out to be useful in their later life.

Brainstorming

It Allows Creative Thinking, It Encourages Everyone's Viewpoints, It Involves Everybody, Its Swift and Easy, It Sets a Learning Baseline.

Role play

Role play is an excellent tool for engaging students and allowing

them to interact with their peers as they try to complete the task assigned to them in their specific role. This work can be done in cooperative groups and/or students can maintain the persona of their role throughout the class period. Students are more engaged as they try to respond to the material from the perspective of their character. Role play will give children the skills to handle problematic social interactions, such as bullying, which may happen as they progress through life.

Design and Simulation/ Hardware Implementation

Modeling and simulation are emerging as an increasingly important tool for education and training. Students can apply previously learned concepts and theories to practical situations solving real designing problems. It helps students see complex relationships that would otherwise involve expensive equipment or dangerous experiments.

It provides students with new methods of problem-solving. Allows for math, science, and technical skills to be taught in an applied, integrated manner. Provides realistic training and skills for a multitude of career areas. It is used extensively in industries.

Problem-solving

The problems link concepts, incorporate specifics in a scaffolded way and implement additional knowledge until the students have a clear understanding and meaning. The focus of this approach is on the students solving problems with the faculty present in collaboration.

5. Evidence of Success

Based on their success in the competitions, prizes and marks are won. In their creative projects, students demonstrated their problem-solving skills. Students took part in various competitions at different levels and won national awards such as Eco Kart, Ebikes and robotic competitions based on their invention

6. Problems Encountered and Resources Required

Successful implementation at levels of students is a challenge. Time constraint plays a vital role in conducting events within a stipulated period. One of the biggest challenges of the role-playing technique is to get all students to participate and be truly engaged.

BEST PRACTICE 2

1. Title of the Practice: Group Coordination

2. Objectives of the Practice:

Group Coordination helps in the achievement of departmental goals, learning outcomes and the meeting of targets and benchmarks. It also helps in the development of a positive work environment - one that is innovative and responsive to student needs. Working as a team encourages all to achieve the college vision and mission.

3. The Context:

The Group Coordinators are key educational leaders within the departments. They are accountable to the Principal through the Hod of the department. They work as leaders of a team of staff and they themselves are integral members of the curriculum team. As key leaders within the college, they are expected to show initiative, be a visible presence, and be exemplary communicators within their own key learning areas and in the college community.

4. The Practices:

Groups are classified based on the subject areas and the senior most faculties who are strong in all those grouped subjects are assigned Group Coordinator. Group Coordinators of each department coordinate and train teachers in classroom management and creative use of resources. Group coordinators organize regular meetings, circulating information. Identifying and monitoring students at risk Encouraging and fostering positive relationships with staff, students and parents Being proactive in conflict resolution. Providing leadership and support in the area of student/teacher interaction. Action plan will be taken during the meeting held in the beginning of the semester and during all the meeting coordinator ensure the implementation of the action plan discussed in the beginning of the semester. Group coordinators also interact with the students through class committee meeting, from the student's feedback coordinator meet their group faculty members and tell them what is the expectation from the students and motivates them to have interaction with their students after their classes. At the end of the semester results are discussed, Group level performance is evaluated and checked whether the goal is achieved. Meeting regularly with staff providing the principal with minutes of curriculum area meetings.

5. Evidence of success:

Developing positive working relationships with and amongst colleagues. Being proactive in the support of colleagues in both academic and behavior- related matters (when the behavior is particular to the specific subject area). Student's needs in both curricular and co-curricular activities are monitored and fulfilled. Results are also improved.

6. Problems encountered and Resources Required:

Ensuring that teaching resources are made available to colleagues.

File Description	Documents
Best practices in the Institutional website	http://kingsedu.ac.in/naac/criterion7/7_2.php
Any other relevant information	http://kingsedu.ac.in/naac/criterion7/7_2_BP_20_21.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

The primary objective of the institution is the pursuit of academic excellence and placements. The institute also aims at vitalizing learning skills with a focus on futuristic demands, vitalizing the teaching- learning process, ICT, human values, and a functional relationship with all the stakeholders for the holistic development of the individual and society. The institution stands apart from other colleges by placing greater emphasis on producing professional students by providing value-based education and enabling the students to face challenges in modern life. Skill-based learning focuses on increasing employability through a series of inputs, to equip students with appropriate skills that help them to be job-ready. A core focus on role-based skills leads to comprehensive specialization, thereby increasing the efficacy of the student. Skill-based learning helps in building the skills the learner already has and encourages them to be confident and strong to set foot onto the real world. Skill-based learning allows students to access, process and then express the information they have absorbed rather than merely mugging it up and writing it down. It not only helps the individual to learn what they need to succeed in the

course of a certain specialty, but also helps to develop skills that can help an individual student's carrier growth.

Learning this way will boost teamwork and communication skills, as the students work together to solve problems and help each other to reach their goals. Skill-based learning makes them think logically, analyze concepts and apply their insights. In skill-based learning, teachers focus on imparting education through planning and practice. It ultimately help students retain concepts, discuss ideas and provide constructive feedback, so that students can reflect on the skills gained in the classroom. This fulfills the high demand for skilled people who can think creatively, work collaboratively, take responsibility, and handle uncertainty and challenge To meet the demands of the industry from the students we practice skill-based learning including: soft skills, problem solving, aptitude and programming for business problems, for third and final year students. Soft skills and programming are focused in the second year, while problem solving is focused in the first year. For each higher semester, learning is practiced through a classroom combined practical approach. For the first year, learning is practiced through regular workshops. This enables students to get an opportunity in working as a team, introspect and work within parameters. Six modules have been framed and initially the module starts with basic python programing which has become the mandatory and basic programming language for the students to shine in the programming sector. Then followed by basic programming using python students will learn to develop application using python, then Artificial Intelligence, Machine Learning using Python. This will enable our students to be stronger in their programming. Students who are proficient with skill-based learning find it very helpful when they attend their interviews and competitive exams. Soft Skills enable students for their effective communication. Students with lack of English language skills easily cope with the industry standards after these training sessions.

Even during Pandemic situation students were given training in the online mode and also students were given placement in very good companies.

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

- Imparting knowledge while serving society as an example is a virtuous way to exist. The Kings Engineering College, affiliated to Anna University, adheres to the curriculum and syllabi prescribed by the University strictly and implicitly. To add to the dissemination of knowledge from the prescribed curriculum, the Institution has strategically deployed methodologies and processes to strengthen the teaching-learning process after thorough planning, trial and testing.
- 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) at each and every level within the institutional structure.
- The plans and annual calendar for academic activities are done in prior and with alignment with the University issued Calendar of Events.
- The allotment of subjects to the faculty is done by with their discretion after understanding and analyzing their subject expertise and performance during the previous years.
- Faculty therein maintain course material is done by regularly documenting and updating study material such as lecture notes, question bank, lab manuals. They are prepared with the focus on outcome-based education and Bloom's Taxonomy. This material is uploaded in the Students' Portal for their reference. Hard copies of question banks and lab manuals, updated library facilities along with e-journals are also provided to the students.
- Course delivery and dissemination by the faculty is periodically monitored with feedback from the students through 'Class Committee Meetings' (CCM) and high quality is ensured with action and change implemented based on the analysis of student feedback.
- Active participation and involvement is encouraged with academic learning. In the teaching and learning processes learner centric techniques such as web related assignments, group discussion, use of NPTEL lectures, case studies,

projects, and quizzes are deployed as a part of the academic curriculum.

- To meet the challenges in a rapidly growing technical environment, the Institution organizes relevant video lecture sessions made with industry expertise for each Engineering discipline. The videos will possess content that display the latest technologies at work for the students consumption. The students are allowed to discuss, debate and innovate using the ideas among themselves with the guidance of the faculty.
- Teachers are given the task of mentoring 15 students per head, on academic and personal issues. This system helps strengthen the bond between teachers and students, that will create a healthy learning atmosphere and helps improve their performance.
- The Institution constantly supplements the curriculum by bridging them through organizing suitable invited Guest Lectures, Seminars by industry experts, at regular intervals. By partnering with relevant organizations Industrial Visits, Training Courses, Refresher Courses and Workshops are a regular happening, so as to improve the effective implementation of the curriculum designed and specified by Anna University.

- A planned time table is framed with the provision for seminar and library hours for all departments.
- Planned and Systematic examination processes are implemented to prepare high standard question papers with proper and prompt evaluation. Exam reports are dispatched to parents regularly.
- Students are motivated and given the opportunity 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 year starts as prescribed by Anna University. The University publishes in advance, the academic calendar containing plans for curricular and co-curricular activities based on the available working/teaching days as per University norms. The student council of the college prepares the college academic calendar in concurrence with the University calendar.

- The academic calendar is prepared in accordance to the university schedule and distributed to the faculty and the students
- The academic calendar provides dates for the commencement of academic sessions, duration of semester, period of internal assessment tests, co-curricular and extracurricular events planned for the semester and Government Holidays
- Students are informed earlier on about the commencement of internal assessment examinations and the schedule for the portal entry
- 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 with importance given to the university question papers before the start of the semester
- Co-curricular activities such as industrial visits, guest lectures, add-on/certificate courses, placement training, workshops and cultural activities are planned by the departments based on the academic calendar and their schedules will be displayed on the notice board

- The mode of internal evaluation is undertaken by conducting three Continuous Assessment Tests. The first two tests are conducted for two units each from the syllabus and the third one is conducted for all the units and treated as a model exam before the Anna University theory examination
- 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 to identify the weak students and implement performance improvement plans
- Laboratory manuals are maintained to support the students and the experiments are conducted as per the time table for laboratories
- Completed experiments are recorded in the record book, to show the proof of completion
- Anna University Theory and Practical examinations are scheduled based on the calendar and the results of these examinations prove the efficiency of faculty and the students.

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

C. Any 2 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

07

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)

03

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

1074

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

CROSS CUTTING ISSUES /GENDER EQUITY

Women still experience patriarchy and hegemonic masculinity that manifests itself in various forms of discrimination. Moreover, when rigid cultural gender roles are strong and gender equality mainstreaming is slow or absent, higher numbers of women do not translate into a decrease in gender-based bias, stereotyping and violence. The gender gap in KEC has tilted in favor of women as a result of increased access and inclusion of women in higher education. This does not mean, however, that gender equality - equal status between men and women and personal empowerment - has been achieved in KEC. With all, these as an added value Women's empowerment cell are functioning in Kings Engineering College to enlighten the social values of women in the society. Empowerment can be defined in many ways like accepting and allowing people (women) who are on the outside of the decision-making process into it. Empowerment is the process that creates power in individuals over their own lives, society, and in their communities. People are empowered when they are able to access the opportunities available to them without limitations and restrictions such as in education, profession and lifestyle. Feeling entitled to make your own decisions creates a sense of empowerment. Empowerment includes the action of raising the status of women through education, raising awareness, literacy, and training. Women's empowerment is all about equipping and allowing women to make life-determining decisions through the different problems in society. We at KEC Empowering women for protecting, maintaining and strengthening their dignity by developing human capabilities through quality education based on

social values and make them responsible citizens who can work for the advancement of the society. The program organized every year holds the theme of women empowerment to enlighten the feelings and awareness to the excite of Women. The cultural activities conducted mainly focused on the necessity of women to the society as a mother, wife and daughter. Just to salute human values and ethics Kings Engineering College allows the anticipating women to avail Maternity leave with pay. To give gender equity values Male faculty and students are also encouraged to celebrate boy's hostel day and some Skill Development Programme called "Success in your hand" in our college campus. Sports events and the sports day give equal values to both genders.

- At KEC, women students and staff are primarily viewed as women and there is no discrimination in security and safety at the college for both of them. Women's Convener's, Counselors and Redressed forums are set and regularly met with and issues are addressed with action being rolled out immediately. For women students, a Common Room has been built in the premises that act as a haven for them for various reasons, personal and professional. No discrimination is mete out when providing students with opportunities and equal participation, at 50 percent, is ensured at all levels of activity in the college. Any such discrimination noticed is met with sever action and reprimanding. Similarly, women staff is treated with the same amount of diligence as students. No discrimination is encouraged or mete out in terms of opportunities and growth for lady staff. Promotions and leadership opportunities are based only on the capability and performance of the member in review barring gender. Appropriate hiring practices are also put in place, so that male-female ratio is maintained among staff, and no partiality or bias is made based on gender. The security and safety of women staff is a matter of utmost importance and POSH (Principles of Occupational Safety and Health) standards are met at KEC. Apart from this, women avail Maternity Benefits, as prescribed by the government, without any affect to their position or growth here. The maternity leave is awarded with full pay on completion of at least 45 days prior to the expected date of delivery. At KEC women are foremost pillars, and we ensure that they are taken care of.

Moreover, when rigid cultural gender roles are strong and gender equality mainstreaming is slow or absent, high participation in numbers of womendoes not translato a decrease in gender-based

bias, stereotyping and violence. The gender gap in KEC has tilted in favor of women as a result of increased access and inclusion of women in higher education. This does not mean, however, that gender equality - equal status between men and women and personal empowerment-has been achieved in KEC. To ensure that the gap is bridged, various steps have been taken and mechanisms put in place so that women are given the right to be equal in a world of men.

Girl's Common Room

There are two common rooms in the college premises one for girls and one for boy's students. These serve as an open space for relaxation, socializing and entertainment. Both Girls' and Boys' common rooms are spacious and airy. The College maintains separate rooms for the rest and recreation among girl students. The common room is provided with indoor games, chair and tables and reading materials to suit various needs. The common room has attached washroom facilities, incinerators for sanitary pad disposal, water purifier to provide drinking water, both cold and normal. The Girls Common room has a lady peon deployed for its maintenance and surveillance.

Boy's Common Room

One of the major attractions among the students of this college is the common room for boys. In between the class hour they are using this as their relaxing and refreshment time. Boy's common room is well maintained and equipped with some indoor games facilities. Usually a student is selected for the post of Boys common room Secretary by the students union.

(Photos has to be added)

Environmental Safety

KEC nature club established in 2013 believes that an understanding of nature will give each individual a better perspective of the world. The awareness about the present status of the environment has become very important in view of the precarious situation due to pollution, deforestation, Global Warming, Ozone layer depletion, consequent major changes in climatic conditions, erratic monsoon. The Nature club believes that nature teaches life's lessons in its own subtle ways and enables our youth to share their responsibilities in maintaining

a healthy environment and to take steps to avoid environmental degradation in their individual capacity as well as in a group. In Kings Engineering College we seek to live, work, and play in such a way that we enhance the environmental, economic, and social well-being of our communities, minimize use of natural resources and reduce its impact on our environment. Educate ourselves and others about the duties and responsibilities of citizens to ensure sustainable development for the future generation. To achieve this, we believe one needs to collectively and individually think, act, and interact to encourage change in the students' outlook and to take initiatives and organize campaigns to achieve its objectives. as well as in a group. In Kings Engineering College we seek to live, work, and play in such a way that we enhance the environmental, economic, and social well-being of our communities, minimize use of natural resources and reduce its impact on our environment. Educate ourselves and others about the duties and responsibilities of citizens to ensure sustainable development for the future generation. To achieve this, we believe one needs to collectively and individually think, act, and interact to encourage change in the students' outlook and to take initiatives and organize campaigns to achieve its objectives. To give enhancement to this aspect trees inside the campus are highly protected to create a green environment. A horticulture team helped the gardeners to maintain a green campus.

The curriculum includes elective subject like "Environmental Sciences and Engineering - GE8291" for all branches under Anna University regulation 2008, 2013, and 2017 inculcates knowledge and intensifies the importance of Environmental Science and Engineering to the students. We as Kings Engineering College introduce Add-on/Certificate courses like 205003 "Fire and Safety" to stress the importance of Environmental Safety.

Professional Ethics

Engineers must perform under a standard of professional behavior that requires adherence to the highest principles of ethical conduct. Engineers, in the fulfillment of their professional duties, should ensure safety, health, and welfare of the public. Perform services only in areas of their competence. Engineering ethics is the field of system of moral principles that apply to the practice of engineering. The field examines and sets the obligations by engineers to society, to their clients, and to the profession.

The university curriculum includes an elective subject titled "Professional Ethics in Engineering - GE8076" are offered to all branches of Engineering in all regulations. This course focuses on human values and discusses engineering ethics, explains safety and risk factors ensures responsibilities and rights of engineers to address global issues related to environmental ethics. The course will develop a framework on which professional and ethical issues can be analyzed. This builds an awareness of various views of ethical issues as well as professionals, ethical rights and responsibilities. The study of engineering ethics within an engineering program helps students prepare for their professional lives. A specific advantage for engineering students who learn about ethics is that they develop clarity in their understanding and thought about ethical issues and the practice in which they arise. The study of ethics helps students to develop widely applicable skills in communication, reasoning and reflection. These skills enhance students' abilities and help them engage with other aspects of the engineering program such as group work and work placements. Respect for others is based on self-respect. It really is following the Golden Rule: "Do unto others as you would have others do unto you". To respect the human values KEC frequently organize blood donation camps in collaboration with the non-political service organizations like Lions club. The young engineers donate blood that serves many of the people who are in need. The visits for the orphanages also enhance the human and helped the children who are separated from their biological families.

NSS National Service Scheme

The vision is to build the youth with the mind and spirit to serve the society and work for the social uplift of the down-trodden masses of our nation as a movement. The National Service Scheme has been functioning with the motto "NOT ME BUT YOU" in view of making the youth inspired in service of the people and hence NSS Aims Education through Community Service and Community Service through Education.

Broad Objectives of the service scheme are

- Understand the community in which they work
- Understand themselves in relation to their community
- Identify the needs and problems of the community and

involve them in problem solving process

- Develop among themselves a sense of social and civic responsibility
- Utilize their knowledge in finding practical solution to individual and community problems
- Develop competence required for group living and sharing of responsibilities
- Gain skills in mobilizing community participation
- Acquire leadership qualities and democratic attitude
- Develop capacity to meet emergencies and natural disasters and Practice national integration and social harmony

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

209	
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

365

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**

353

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

The Secretary, Tamilnadu Engineering Admissions (TNEA), admits first year B.E./B.Tech. Students through a single window system based on their Higher Secondary Examination (HSC) marks.

The Secretary, Tamilnadu Common Admissions (TANCA), admits first year M.E./M.Tech. students through a single window counselling based on a common entrance tests' results (TANCET).

- 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.

- To overcome the lack of communication skills, that some students may have, Communication Skill Courses are conducted through the course tenure.
- Special care is given to differently abled students and students with lesser academic proficiency by conducting remedial classes to improve their academic performance.
- Individual faculty have a target for students in their respective subject and special attention is given to them.
- Every semester, before the model exam, events are conducted for the course where they apply the learnt theoretical concepts practically, to help enrich their knowledge. Academic activities (like Designing, Programming, Simulations, Technical seminars, Technical Quizes) conducted for all the subjects to enhance better understanding of the subjects.

For Differently Abled and Less Proficient Students:

- Special care is given to differently abled students and students with lesser academic proficiency by conducting remedial classes to improve their academic performance
- Previous year university question papers are discussed during the remedial classes
- Mentors are to monitor the student's progress and advise the students about learning methodology and the importance of attendance
- Learning material, prepared by the Faculty members are verified by the HOD, is uploaded in the Kings Portal for the students reference
- Progress reports are sent in periodic intervals, regarding student's performance to their parents.

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

- Mock interviews are conducted to train them to face the interviews with confidence
- Company specific training programmes are conducted from the sixth semester onwards
- Awareness programmes are conducted to the students to prepare competitive exams like GATE, GRE, TOEFL, CAT and UPSC
- As a token of appreciation merit scholarships and cash awards are given to high performers
- Guest lectures and Seminars are conducted in concerned fields to keep track of technological development
- For the development of technical skills we encourage the students to learn through NPTEL videos and e-books and also undergo NPTEL courses
- Constant encouragement is given to the students to participate project symposiums, expos and Hackathons
- Academic Events motivate the students and provides deeper understanding of concepts.

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
1108	98

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. Every semester, before the model exam, events are conducted for the course where they apply the learnt theoretical concepts practically, to help enrich their knowledge. Academic activities (like Designing, Programming, Simulations, Technical seminars, Technical Quiz) conducted for all the subjects to enhance better understanding of the subjects.
- Various academic events conducted under each subject, help traverse vast areas of knowledge about the core and essential parts of engineering concepts and also enriches student experience about emerging techniques.
- The core aim of an internship is to equip the student with the experience of the live functioning of enterprises and problems faced and solved by them that explore feasible solutions and suggestions.
- Students are motivated to do an internship program during their vacation to gain better industry exposure and to be up to date with the knowledge about the tools, methods and processes used in the industry.

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.
- Guest lectures by experts from the industry and academia are organized by the concerned departments to give them better knowledge about the industry working conditions.
- The students and faculty are made to register for online NPTEL course to gain knowledge in addition to the prescribed curriculum. A digital library of NPTEL videos and e-books are available for various subjects, to promote the self-learning capability of the students.

- Healthy competitiveness and team building value is developed via group discussions, Techno quiz and Club activities..
- Students are encouraged to become members of various professional bodies such as SAE, ISTE, IETE, and CSI. By doing so, the students become direct beneficiaries of the programmes arranged by the societies.
- Apart from the technical societies, students interested to pursue business as their career are enrolled into the Entrepreneurship Development Cell (EDC). The EDC arranges regular guest lecture and are addressed by accomplished entrepreneurs who serve as an inspiration to the students.

Problem Solving Methodologies

- Tutorial classes are arranged for analytical subjects.
- 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

Kings Engineering College encourages all faculty members and students to undergo teaching and learning process using ICT enabled tools. For example actively participating in workshops, FDPs, Seminars and guest lectures. Kings Engineering College motivates all students to enroll and complete Online courses like NPTEL, Spoken tutorial for the benefit at large. During the pandemic as all regular classes were held online, many of our students took a major role in participating and registering for NPTEL based Online exams.

In the academic year 2020-2021, 944 enrollments were done and 109 of our student and faculty registered for the certification courses. NPTEL allots mentors for different courses where the total enrollment is greater than 5. Mentors are faculty members who guide those enrolled students help them in completing weekly

assignments and motivate them to register for exams.

Spoken tutorial is also an ICT tool used exclusively for student community of our college for their improvement in open source software expertise. During the Academic year 2020-2021, 855 students from various branches of our college got benefitted through this IIT Bombay based online learning platform. Our college will continue to encourage and applaud those meritorious students who complete these courses successfully.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

72

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

98

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

04

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

509

File Description	Documents
Any additional information	View File
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 in the Examination halls and the overall smooth conduction of Examinations.
- Examination Cell mobilizes the proper staff during examination time and assigns them duty as per the duty roster.
- The marks secured in the Internal Assessment Tests will be displayed in the notice board.
- Each internal assessment tests' marks will be entered in the university web portal via the exam cell

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 .
- At the end of every semester, model examination will be conducted for all the laboratory subjects.
- 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 of the faculty members 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.

- The aggregate of marks obtained in all the reviews are considered to allot final internal marks.
- The Institution maintains transparency and robustness in evaluation of students.
- The evaluation system, inclusive of attendance monitoring, and other examination processes are communicated to the parents and students on the day of orientation.
- The Internal Assessment Schedule is conveyed to the students and faculty at the start of every semester through the academic calendar which is prepared based on the Anna University Academic Schedule.
- The IAT time table will be displayed on the notice board, webpage and Google classroom platforms before a week of the examination.
- The schedule of the Anna University Semester Examinations will be conveyed to the students as and when it is announced by the Directorate of Technical Education, Anna University.
- Internal Assessment marks are uploaded in the Anna University Web Portal for calculation of final scores.
- Attendance reports are entered periodically in the Anna University Web Portal.
- The marks secured by the students in IAT, attendance percentage and end semester examinations results are communicated parents through progress reports sent by post.
- Question papers are prepared based on the Course outcomes (COs) which in turn, address the attainment of Program Outcomes (POs) and Program Specific outcomes (PSOs) that are approved by Heads of the Department.
- At the end of Industrial/Practical training/internship/summer project, the candidate must submit a certificate and a brief report

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.
- After evaluating the internal examination answer scripts, the faculty distributes them to the students, with corrections, as well as suggestions for better presentation and performance in the end of semester examinations. Students can immediately convey his/her grievance to the concerned faculty.
- 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. Mentors monitor the regularity of attendance and performance of the students in the internal assessment and end of semester examinations.
- The University provides the students with an option of obtaining a photocopy of their answer sheets, after the declaration of the exam results. The student can review his / her answer sheets and apply for re-evaluation on the recommendation of the subject handling faculty.
- If a student is not satisfied with revaluation results, he/she can go for a review, with the recommendation of the head of the department and Principal. Challenge evaluation fee is reimbursed by the University to the students, in case there is an improvement in the grades in comparison to the first evaluation.
- The review of University question papers are prepared by the faculty, to assess the level of difficulty in the

question paper, and are given to the Heads of Departments and the Principal.

- Any grievances related to the university question paper such as out of syllabus, repeated questions, improper split of marks, missed marks, wrong question number are addressed to the Principal and it is intimated to the University through the portal with question paper comments.

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.

- 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. Less proficient and differently are encouraged for special meetings and interaction with the faculty to identify their problems and means to solve them.

Direct Assessment

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

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.

The attainment of Course outcome is evaluated under two categories - University Assessment and Internal Assessment.

University Assessment:

For University assessment the target is fixed based on the following criteria.

Attainment Level 1: 60% of students scoring above 50% in the University Examination.

Attainment Level 2: 70% of students scoring above 50% in the University Examination.

Attainment Level 3: 80% of students scoring above 50% in the University Examination.

Internal Assessment:

For the purpose of Internal Assessment the target is fixed based on a summative manner, by considering course performance through Internal Assessment Tests, Assignments and academic events. For Internal Assessment the target is fixed based on the following criteria.

Attainment Level 1: 60% of students scoring above 50% in Internal Assessments

Attainment Level 2: 70% of students scoring above 50% in Internal Assessments

Attainment Level 3: 80% of students scoring above 50% in Internal Assessments

The final CO target achievement is calculated by allocating 80% weightage to University Assessment and 20% weightage to Internal Assessment.

CO Attainment = University Assessment + Internal Assessment

The achievement of POs indicates that the job is perfect. Curriculum, Assessment and Evaluation are the major tools by which Program Outcomes are attained. The only manner in which a PO is achieved on target is by considering all the above tools and their implementation and what outcome they have brought

together. Not only are they supposed to be considered as a whole, they are to be analysed and improvised, keeping the target in mind, while also staying true to the value of the PO and the aftermath of the outcome. With that being said, a PO seems to be a variable. Wherein after analysing the curriculum, conducting assessments and evaluating performance one can identify the faultiness of the PO's and where things have fallen behind. And to achieve them additional effort in terms of designing extra modules, bridge courses, better assessment options and implementation of iterative methodology can help achieve the PO to a perfect level.

- We should look at all of these together.
- Analyze the University Curriculum
- Determine the Gaps in Attainment of POs
- Design Extra modules / Assessments to Bridge these gaps
- Could need a few iterations

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

412

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	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution

may design its own questionnaire) (results and details need to be provided as a weblink)

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)

20

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

17

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_3_Grants_20_21.php

3.2 - Innovation Ecosystem

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

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

RESPONSE:

Kings Engineering College has established Research and Development Cell, with eminent active research members from each Department. The management encourages the students and faculty members to focus on research area and carry out innovative research projects which gives solutions to several Industrial and societal problems. Faculties are encouraged to conduct research activities and make publications in the journals of repute for knowledge sharing. The institution has the practice of conducting various workshops and conferences periodically for creation and sharing of knowledge. They are also encouraged to contribute to national and international conferences conducted outside the institution as part of this initiative. Similarly, some of the faculty members have published technical books as a part of initiative for knowledge creation and transfer. The faculty has been encouraged to take up Intellectual Property rights as an initiative towards innovation and knowledge sharing. The faculty delivers guest lectures and expert lectures to other institutions as part of knowledge sharing.

MENTORING

The mentoring student can help newcomers choose their schedule, balance their time, help with studying, provide campus tours, and offer assistance in whatever a new student may need. A mentor may share with a mentee information about his or her own career path, as well as provide guidance, motivation, emotional support, and role modelling. A mentor may help with exploring careers, setting goals, developing contacts, and identifying resources.

ENTREPRENEUR DEVELOPMENT CELL

Kings Engineering College has an ecosystem for innovations like Entrepreneur Development Cell (EDC) for helping successful engineering graduates to float start-up ventures. The institution and the Incubator is well connected with various core industries and has signed Memorandum of Understanding (MoU) with ICTACADEMY, Embeddvar Solutions, Imarticus Learning Pvt Ltd, Knowledge Xchange Community, Wise source tech private limited, Pantech Prolabs India Pvt. Ltd, Sansbound Solutions Pvt Ltd and Netalla Innovations Pvt Ltd. Full attempts are being made to provide technological facilities and advices, network and linkages, co-working spaces, lab facilities, mentoring and advisory support to the eminent students towards Industrial Revolution.

INDUSTRIAL INSTITUTE COLLABRATION CELL

As part of choice-based education system, the students are encouraged to take up co-curricular activities involving theme-based projects which conclude the creation of innovative knowledge helpful for the society. Students are encouraged to take up industrial projects at various reputed research organizations such as ICTACADEMY, Embeddvar Technology Solutions, Imarticus Learning Pvt Ltd, Knowledge Xchange Community, Wise source tech private limited, Pantech Prolabs India Pvt. Ltd, Sansbound Solutions Pvt Ltd and Netalla Innovations Pvt Ltd etc, as part of their project work. Students are encouraged to take up and participate in code development activities, which train the students towards innovation. The institution has conducted the hands-on training session in "Raspberry pi" in collaboration with Embeddvar Technology Solutions. The "Raspberry pi" is a true single-board computer that contains just about everything you were used to seeing in larger computers.

RESEARCH AND DEVELOPMENT CELL

The Institution has well-equipped laboratories to cater to the needs of students and to nurture them towards research and developmental activities. The Research and Development Cell organizes fortnightly review meeting to ensure that faculty members submit research proposals to various government organizations and corporate sponsored projects.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://kingsedu.ac.in/naac/criterion3/3_2_1_IIC.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

62

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

17

File Description	Documents
URL to the research page on HEI website	http://kingsedu.ac.in/naac/criterion3/3_3_1.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

73

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

203

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

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 20-21

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.

EXTENSION ACTIVITIES - 2020- 2021

S.NO

DATE

EXTENSION ACTIVITIES

NAME OF THE SCHOOL

NAME OF THE

ORGANISER

1

14.12.20

"Career Guidance"

Government Boys Higher Secondary School - Avadi

Mrs. J.M.Sheela lavanya

Mr. Prince

2

29.01.21

"Awareness on COVID - 19"

Government Higher Secondary School- Alandur

Dr.A.Venmathi, Mrs.D.Sterlin Rani

3

04.02.21

"Trending technologies"

Jai Gopal Garodia Girls Higher Secondary School

Dr. M. Parameswari, Mrs.S.Lekashri

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion3/3_4_1_EA_20_21.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

8

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**

14

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**

829

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

210

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

8

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. College presently offers 6 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, auditorium, smart classrooms, library, 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 1012 students on its rolls, 146 teaching staff, and 16 non-teaching staff.

Classrooms

Our Institution is having 31 classrooms furnished with Furniture, Projector, lights, and Fan. Classroom size is equal to or more than that specified by university bodies. Separate tutorial classrooms are arranged for both UG and PG students. The lecture Capturing System is equipped with one classroom that helps the faculty to record their lecture and upload their videos for the student's benefit in the portal. All departments are enabled with a 100 Mbps wi-fi facility to implement Active Learning.

Drawing Hall

We have two Drawing Hall with a seating capacity of 250 people/each. Drawing halls are furnished with Drawing tables, Chairs, Fans, Light, and good ventilation. Drawing halls are provided for the students to get practice in engineering graphics with the best ambiance.

Seminar Halls

Seminar Halls are equipped with Smartboard, LCD Projector with Wi-Fi facilities. Totally we have four seminar halls and all the halls are used by the different departments of students for their seminars, workshop, and guest lecture.

Laboratories

Curriculum wise equipment, technologies, and software are maintained up to date. Laboratories are fitted out with adequate facilities, safety measures, and proper power supply.

Library

The library has a total area of 1500 sq.m. The total number of titles is 7006 Nos. and that of the volume 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. Students and Faculty members are benefited to get knowledge by accessing library resources by providing library hours, especially in their timetable. We periodically update the books, journals, and e-books for enhancing the student's knowledge. Every department has an individual department library with a department librarian for easy access to the student.

Counseling Room

We have a counseling room for the students to freely interact with their mentors at the time of counseling. By this time students can easily and peacefully interact and discuss their disputes.

Rest Room

Restrooms are provided in every wing of the block. Separate restrooms for the boys and girls on every floor. Regularly cleaning process is done by sweepers to provide a hygienic environment.

e yantra lab

King's engineering college is collaborated with IIT Mumbai to create this lab in a 112 sq.m area. eYantra lab provides good knowledge to the students about Robotics and Embedded programming. The eYantra lab is having Arduino kit and FirebirdV5 setup. Faculty members are getting trained by the TBT challenge and workshop given by the IIT Mumbai.

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, 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, 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 are 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, 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.

Extra-Curricular Activities

The college organizes events related to NSS. Various social activities and blood donation camps are organized by NSS Volunteers. Our institution is having different clubs like Robotics, Entrepreneur club, etc.

Cultural Activities

KEC cultural association has department-level coordinators and student-level coordinators. The institution is having two auditoriums, the Fully Air Conditioned Kalvi Thanthai Auditorium with a seating capacity of 200 and an open Auditorium with a seating capacity of 800. An Open-air auditorium with a seating capacity of 800 to conduct college cultural activities. Various cultural programs are conducted in the annual day function and Christmas day celebration. Our institution is having Arts and Fine arts Clubs. The Arts team of the Association does regular shows for the students on Women Empowerment, environmental facts, and other social causes.

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.

35

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)

62.2

File Description	Documents
Upload any additional information	View File
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)

Response:

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 system 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 has a total area of 1500 sq.m. The fully automated library is well equipped with 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 librarians and 2 assistant Librarian. The total number of available of book banks is 5000. The Total number of available Non book Materials like CD is 881. The Total available Project Reports for student's reference is 985. The Total available Journals Print is 60 and online journal is 179. The Total available packages of Magazines are 12 and available Newspapers are 07. 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 centre).

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

Year of automation: 2013

S.no

Name of the ILMS

Nature of Automation

Version and year of Automation

1

Autolib

Fully

5.1 version, 2013

2

kingslib

Fully

2.0 version (Inhouse), 2015.

3

Autolib

Fully

8.1 version, 2019

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

A. Any 4 or more 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)

9.52

File Description	Documents
Any additional information	View File
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

153

File Description	Documents
Any additional information	View File
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 8 Wi-Fi hotspots with extenders provided to cover the wireless range throughout the college. All computers in 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 on 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 the 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 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

407

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)**

32

File Description	Documents
Upload any additional information	View File
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.

Response:

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 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 are for electrical work we have 10 staff members they are working on a shift basis every shift at least two members will be there for emergencies. Civil works also we have 15 more staff to maintain the infrastructure of the institution. In a 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 maintaining 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

For Sports

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. Separate and spacious hostels are provided for both boys and girls from various regions of the nation. The physical director involved in the maintenance of sports equipment and periodically inspects the conditions and every year sends the consumables list and sports requirements list to the principal.

For Computer Laboratories (Utilization and Maintenance)

Students and faculty members are provided with separate login credentials to access the intranet and internet. Access to the internet is provided in the lab even after college working hours. Apart from the regular lab classes, students are offered practice in programming languages through various value-added courses that are undertaken in the lab.

Preventive maintenance and breakdown maintenance procedure is followed so as to ensure maximum availability of the systems in the lab. Installation of antivirus and firewall ensures that the software and system are secured. The status of the hardware and software of the machine can be checked and noted on the status register on a daily basis. This ensures that the problem is identified and rectified at an early stage itself.

Breakdown maintenance wherein the system fails due to an SMPS problem or boot failure is recorded in a register. If the problem is minor, the technical support staff of the lab will rectify it. For major failures, support from vendors is taken and rectified. Anticipating vendor support, UPS and major equipment have annual maintenance contracts (AMC).

Periodic maintenance is done by regular cleaning of the lab spaces, software updates, and antivirus updates.

The stock in the lab is verified for the available equipment and discarded equipment, by a meticulous

Library

The library is managed by 1 experienced librarian and 2 assistant Librarians. They periodically inspect the conditions of the books and journals. Every year they conduct audits by the internal faculty. For the purchase of new books every year they get the required books from every department head and make the purchase under the direction of the principal.

Maintenance of Equipment:-

Regular check-up of equipment is carried out at the end of every semester.

- The breakdown register is maintained in the laboratories. As the required minor repairs are carried out by the lab assistant and faculty member. Maintenance of computers is taken care of by IT and COMPUTER department. Major repairs

are outsourced by following the procedure of the institute. The faulty trainer kits are serviced by service engineers of specified companies. The measuring instruments are calibrated regularly by standards companies. Stock verification is done at the end of every year by the staff members from other departments and the report is submitted to the Principal.

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

1027

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

1063

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	
1149	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
1149	
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

210

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

8

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)	View File

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)	View File

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. In all 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 where they exhibit their various skills and talents that have been acclaimed and won many medals and awards. Our students have actively participated in stress management and yoga sessions conducted in the campus. This ensures that they are of sound mind and body to carry out all activities with clear focus and vision. NSS and YRC camps are organized to make our students excel in field and social work to

serve society. As a part of intra college interaction and activation, our students organize sports and cultural events while also putting together and publishing college and department magazines and newsletters. As a part of the "Swachh Bharat" mission for a clean and hygienic India, our NSS Team organizes several events across the year and is celebrated with great reverie. The NSS YRC committee has organized body organ donation camps and blood donation camps to create social awareness and bring about a sense of social responsibility among students. Sports and physical activity plays a vital role in our institution. Many of our student's inner skills and extra-curricular talents are revealed through sports. Our college conducts regular inter department tournaments for games such as cricket, football, volley ball and indoor games like chess, carrom and badminton. The college sports teams has represented the name of the institution in inter collegiate and zonal level tournaments, while winning many accolades and championship trophies at the events. Our college plays host to professional societies such as ISTE, IETE, SAE, and CSI student chapters. Here, our students are members and they participate in the various event conducted by these societies. They represent the college chapter of these societies and ensure that the reputation of the college is maintained at all events by being active participants and forerunners in the events.

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

2

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. Apart from this, the Alumni Association aims to keep blooming in the hearts of alumni the memories of college, friendship, learning and growth. In order to maintain a solid link between alumnae and college, the association offers being part of a body that enables advantages such as establishing a huge network among the alumni, improving career services, maintaining a lifelong contact, offering travel benefits and even financial support when needed. Keeping such great goals and prospects in the vision, in 2006, the Alumni Association of Kings Engineering College was established.

Graduates can become a member of the association on payment of life membership fee of Rs. 300/- (India) or Rs. 1000/- for NRI's. Four registration tables for four branches like Computer Science Engineering, Information Technology, Electronics and communication Engineering and Mechanical Engineering, Bio Medical Engineering and Robotics and Automation Engineering are organized during graduation and annual day ceremonies. The Alumnae Association is maintained by an Executive Committee of members. The General Body meeting of the alumni association is organised once in a year, at the end of January. To motivate both social and fund raising events, the Alumni meets twice in a year. To keep the alumni active and reminiscent, the college takes special effort to organizes cultural programmed for their entertainment and participation and is always filled with lots of emotion and laughter. Students are always enthusiastic to see the alumni and question them about their secrets of success and their mantra for a bright and sustainable future. Many alumni share their stories and anecdotes from their life and what are the key reasons for their success. During such events the administration provides stay, food and transport when the visit from across the globe. Furthermore, the alumni after sharing their experiences.

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)	E. <1Lakhs
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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/about.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/Committees.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 2020-21

1. Planning for NAAC Accreditation and Autonomous status.
2. NBA for Mechanical and IT departments.
3. NBA Renewal for CSE and ECE Departments.
4. Planned for new course AI & DS.
5. CISCO and Data Science Labs.
6. To implement Experiential Learning
7. Government project proposal must be applied.
8. Research collaboration with foreign university.
9. Coaching for Competitive exams must be enhanced.
10. To increase the quality of journal publications.
11. Annexure I Journal Publications

12. Planned to admit students from other states to increase cross-cultural competency.
13. Introducing new technical courses/trainings.
14. On campus placement with tier 1 companies.

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_ext_of_20_21.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/Committees.php
Link to Organogram of the institution webpage	http://kingsedu.ac.in/naac/criterion6/6_2_2.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 non-teaching 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 non-teaching 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_ai.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

98

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**

24

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**

98

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 further action.

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion6/6_4_1_as.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, Philanthropers, 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_fm.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 Internal Quality Enhancement Cell (IQEC) has been formed to facilitate better planning, implementation and monitoring of quality related to academics Like

- Curricular Aspects
- Teaching, Learning and Evaluation
- Research, Innovation and Extension
- Infrastructure and Learning Resources
- Student Support and Progression
- Governance, Leadership and Management
- Institutional Values and Best Practices

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 (related to their criterion) and give their justification and measures that would improve requirements of that specific criterion.

The two best institutional practices that have significantly contributed toward quality assurance strategies and processes are:

1. Outcome based Education
2. Teaching Learning Process Group Coordination

File Description	Documents
Paste link for additional information	http://kingsedu.ac.in/naac/criterion6/6_5_1_iqac_report_20_21.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 and 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_club.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_ar_20_21.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

Our college has been committed to the idea of gender equality by offering female students' equal treatment in terms of their identity and personality expression. Our college is dedicated to gender sensitization education and practise. Students see it as their primary responsibility and a fundamental need. Successive Governments have taken a number of steps to guarantee gender equality through creating social welfare programmes awareness programs in the higher education sector by giving girls with a completely free education. Every year, governments provide a variety of scholarships to help girls improve their lives.

To raise awareness among women, our college has established a women's cell and an anti-ragging cell.

Our institution has established a women's cell and an anti-ragging cell to raise student knowledge of their rights and to teach them about women's empowerment. These cells hold numerous events and activities for students to disseminate the notion of gender sensitization and empowerment on various occasions.

The anti-sexual harassment unit has been paying special attention to female students and attempting to provide support in terms of developing confidence in them when they confront challenges on or off campus.

Our principal and dedicated head of the Cells even communicate to their parents while dealing with any concerns that the girls may have. This prompted a big number of girls to apply to our college. The institution's goal is to raise their awareness of gender equality and empowerment in general. Another important goal of such events is to introduce pupils to interpersonal relationships, egalitarianism, and brotherhood.

In addition, our N.S.S. unit has been involving students in a variety of activities in order to instil skills such as leadership, social service, responsible and awakened citizenship, and a commitment to the ideals of equality, social justice, and tolerance. The student counselling facility has been functioning under the direction of senior female professors to provide informal counselling to students in order to maintain them mentally strong and confident in their ability to overcome any sort of depression they may encounter in their lives.

The College can use these resources to take the required steps to keep the campus clean, including the washrooms. The College's

discipline committee oversees all disciplinary proceedings, with a specific focus on safeguarding female students from all forms of harassment and ensuring their privacy.

File Description	Documents
Annual gender sensitization action plan	http://kingsedu.ac.in/naac/criterion7/7_1_1_Action_Plan.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://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 wastes generated on campus include wrappers, glass, metals, paper, plastics, old newspapers, used papers, and so on. On campus, glass, metals, plastic, and other non-biodegradable waste are also generated. Degradable and non-degradable wastes are collected separately and disposed of/recycled according to their nature. Leaf litter is allowed to decompose gradually over time before being used as manure in the institute's gardens. Excess leaf litter is collected and composted before being used in the garden.

• Liquid waste management

Sewage, laundry, hostel, and canteen effluent waste are among the liquid wastes generated on campus. The aforementioned waste 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. As a result, all waste water generated on campus is treated and reused.

- Biomedical waste management

Wastes such as blood-contaminated items, body fluids such as dressings, plaster casts, cotton swabs, and bags containing residual or discarded blood and blood components. Needles, syringes with fixed needles, needles from a needle tip cutter or burner, scalpels, blades, or any other contaminated sharp object that may cause puncture and cuts in the biomedical laboratory are sterilized in an autoclave and then discarded.

- E-waste management

Electronic waste, also known as e-waste, is the scrap produced by discarded electronics devices. To be more specific, we can define e-waste as any electronic item that is no longer useful or is irreparably damaged.

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.

- Waste recycling system

- Hazardous chemicals and radioactive waste management

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: <ol style="list-style-type: none"> 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	View File
Certificates of the awards received	No File Uploaded
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

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

A. Any 4 or all of the above

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).

Diversity is a spice of life, but we have wide variety of people working in our institution. For the people to feel comfortable being themselves, leadership should feel comfortable connecting on an appropriate personal level. "Ultimately, every person at work wants to be recognized in order to do their highest and best

work in a different way or the same. "This presents a challenge for our management and principal who has to navigate how best to create an environment where people get to know each other for both difference and sameness". Diversity includes people representing a variety of genders, cultures, religions, ethnicities, and ableness that can deliver a rich history and skill set to an institution, and all of these people are valued, leveraged, and welcomed into the team as well. Institution takes effort in creating such an inclusive environment, by making them work as a team of different group of people. Institution supports their people working in the institution, that they can actively practice inclusivity, take action to address specific needs. They also support working parents by offering Casual Leave. Creating inclusive environment makes people working in the environment become adaptable, promote creative and innovative thinking and attract additional talent interested in working in such an environment.

Students and faculties of different religion, different languages work together and equal opportunities are given to all regardless of religion, background, cast, languages and creed for the upliftment of an individual. Equal rights and opportunities of men and women are assured. Students and faculties are given equal rights to share their ideas for the development of the institution. Decisions on academic made by the higher officials are very transparent to both student's community and faculties to ensure the inclusive environment.

Institution always put effort in practicing ethical dealing with people regardless of their background, race, gender and cast, so the relationship is fair and healthy among the people in the institution. Value based education, employment opportunity are given to all people regardless of race, cast, gender and creed. No diversities are shown to any individual in the institution and they have their rights to follow their culture, religion. Every year Christmas will be celebrated, the students and faculties of different culture participate in a healthy way and harmony is followed by all individual.

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 and workshops 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 Faculty of Geography and History has organized various academic and co-curricular activities for the propagation of the Fundamental Duties and Rights of the Indian citizens. The students have enthusiastically participated in various activities like seminar, conferences, expert talks, poster making competition, competition on various contemporary legal issues. legal awareness camps to impart awareness of such issues etc. Constitutional Obligations: The students of Economics have participated in parliament house visits to promote the awareness about various constitutional and legal obligations. The Faculty of History celebrates the Constitution Day on an annual basis and thus contributes to the spreading of Constitutional values and ideals amongst students. 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://kingsedu.ac.in/naac/criterion7/7_1_9.php
Any other relevant information	http://kingsedu.ac.in/naac/criterion7/7_1_9_SD.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

B. Any 3 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: Academic Events

2. Objectives of the Practice

The main objective of the practice is to motivate and evaluate student's interest in the individual subject. This makes a

student to implement the concept practically which helps to enrich their knowledge in the subjects. The seminars will keep the students up-to-date with the technologies. They start thinking about new things which could be implemented practically. A role-playing scenario aims at introducing students to various perspectives or ways of thinking about a situation, enhancing their ability to overcome problems, and providing experience within a given context.

3. The Context

Academic event is an excellent opportunity to involve students and to encourage them to connect their peers as they attempt to complete the task assigned to them in their particular position. Mould students for time management and teamwork, too. Employer's favor recruiting applicants who are equipped with their industry experience and skills and know-how to connect and interact with clients. Also, if students choose to pursue higher studies abroad, co-curricular activities such as problem-solving, seminar, role play, etc., will make them stand out from other students. Involvement in these academic activities along with learning in the classroom teaches students how to efficiently manage time, prioritize assignments, obey a timetable and meet deadlines. Team exercises help students connect well with one other in the classroom.

4. The Practice

In addition to the standard academic program, the institution is taking an extra step in having the student's experts in the individual subject matter. So, apart from the assessment, we gave a realistic approach to all the topics.

Technical Quiz

Students need to form teams while participating in quizzes, allowing them to hone their teamwork skills.

Technical seminars

Making students take seminars on the subject topics would always help them more to understand the subject. This would give them a chance to collect more information about the seminar topic they are provided with. The result is that they would learn the subject well. Because they have to acquire knowledge about the subject of their own. By taking seminars in front of their

teachers and friends, the students will be able to talk before a crowd later in their life without any difficulty. Also, they can improve their presentation skills. It is a great chance for the students to improve their skills within their curriculum. They can improve their language. By taking seminars they will become very able to interact with the people which will turn out to be useful in their later life.

Brainstorming

It Allows Creative Thinking, It Encourages Everyone's Viewpoints, It Involves Everybody, Its Swift and Easy, It Sets a Learning Baseline.

Role play

Role play is an excellent tool for engaging students and allowing them to interact with their peers as they try to complete the task assigned to them in their specific role. This work can be done in cooperative groups and/or students can maintain the persona of their role throughout the class period. Students are more engaged as they try to respond to the material from the perspective of their character. Role play will give children the skills to handle problematic social interactions, such as bullying, which may happen as they progress through life.

Design and Simulation/ Hardware Implementation

Modeling and simulation are emerging as an increasingly important tool for education and training. Students can apply previously learned concepts and theories to practical situations solving real designing problems. It helps students see complex relationships that would otherwise involve expensive equipment or dangerous experiments.

It provides students with new methods of problem-solving. Allows for math, science, and technical skills to be taught in an applied, integrated manner. Provides realistic training and skills for a multitude of career areas. It is used extensively in industries.

Problem-solving

The problems link concepts, incorporate specifics in a scaffolded way and implement additional knowledge until the students have a clear understanding and meaning. The focus of

this approach is on the students solving problems with the faculty present in collaboration.

5. Evidence of Success

Based on their success in the competitions, prizes and marks are won. In their creative projects, students demonstrated their problem-solving skills. Students took part in various competitions at different levels and won national awards such as Eco Kart, Ebikes and robotic competitions based on their invention

6. Problems Encountered and Resources Required

Successful implementation at levels of students is a challenge. Time constraint plays a vital role in conducting events within a stipulated period. One of the biggest challenges of the role-playing technique is to get all students to participate and be truly engaged.

BEST PRACTICE 2

1. Title of the Practice: Group Coordination

2. Objectives of the Practice:

Group Coordination helps in the achievement of departmental goals, learning outcomes and the meeting of targets and benchmarks. It also helps in the development of a positive work environment - one that is innovative and responsive to student needs. Working as a team encourages all to achieve the college vision and mission.

3. The Context:

The Group Coordinators are key educational leaders within the departments. They are accountable to the Principal through the Hod of the department. They work as leaders of a team of staff and they themselves are integral members of the curriculum team. As key leaders within the college, they are expected to show initiative, be a visible presence, and be exemplary communicators within their own key learning areas and in the college community.

4. The Practices:

Groups are classified based on the subject areas and the senior most faculties who are strong in all those grouped subjects are assigned Group Coordinator. Group Coordinators of each department coordinate and train teachers in classroom management and creative use of resources. Group coordinators organize regular meetings, circulating information. Identifying and monitoring students at risk Encouraging and fostering positive relationships with staff, students and parents Being proactive in conflict resolution. Providing leadership and support in the area of student/teacher interaction. Action plan will be taken during the meeting held in the beginning of the semester and during all the meeting coordinator ensure the implementation of the action plan discussed in the beginning of the semester. Group coordinators also interact with the students through class committee meeting, from the student's feedback coordinator meet their group faculty members and tell them what is the expectation from the students and motivates them to have interaction with their students after their classes. At the end of the semester results are discussed, Group level performance is evaluated and checked whether the goal is achieved. Meeting regularly with staff providing the principal with minutes of curriculum area meetings.

5. Evidence of success:

Developing positive working relationships with and amongst colleagues. Being proactive in the support of colleagues in both academic and behavior- related matters (when the behavior is particular to the specific subject area). Student's needs in both curricular and co-curricular activities are monitored and fulfilled. Results are also improved.

6. Problems encountered and Resources Required:

Ensuring that teaching resources are made available to colleagues.

File Description	Documents
Best practices in the Institutional website	http://kingsedu.ac.in/naac/criterion7/7_2.php
Any other relevant information	http://kingsedu.ac.in/naac/criterion7/7_2_BP_20_21.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

The primary objective of the institution is the pursuit of academic excellence and placements. The institute also aims at vitalizing learning skills with a focus on futuristic demands, vitalizing the teaching- learning process, ICT, human values, and a functional relationship with all the stakeholders for the holistic development of the individual and society. The institution stands apart from other colleges by placing greater emphasis on producing professional students by providing value-based education and enabling the students to face challenges in modern life. Skill-based learning focuses on increasing employability through a series of inputs, to equip students with appropriate skills that help them to be job-ready. A core focus on role-based skills leads to comprehensive specialization, thereby increasing the efficacy of the student. Skill-based learning helps in building the skills the learner already has and encourages them to be confident and strong to set foot onto the real world. Skill-based learning allows students to access, process and then express the information they have absorbed rather than merely mugging it up and writing it down. It not only helps the individual to learn what they need to succeed in the course of a certain specialty, but also helps to develop skills that can help an individual student's carrier growth.

Learning this way will boost teamwork and communication skills, as the students work together to solve problems and help each other to reach their goals. Skill-based learning makes them think logically, analyze concepts and apply their insights. In skill-based learning, teachers focus on imparting education through planning and practice. It ultimately help students retain concepts, discuss ideas and provide constructive feedback, so that students can reflect on the skills gained in the classroom. This fulfills the high demand for skilled people who can think creatively, work collaboratively, take responsibility, and handle uncertainty and challenge To meet the demands of the industry from the students we practice skill-based learning including: soft skills, problem solving, aptitude and programming for business problems, for third and final year students. Soft skills and programming are focused in the second year, while problem solving is focused in the first year. For each higher semester, learning is practiced through a classroom combined practical

approach. For the first year, learning is practiced through regular workshops. This enables students to get an opportunity in working as a team, introspect and work within parameters. Six modules have been framed and initially the module starts with basic python programing which has become the mandatory and basic programming language for the students to shine in the programming sector. Then followed by basic programming using python students will learn to develop application using python, then Artificial Intelligence, Machine Learning using Python. This will enable our students to be stronger in their programming. Students who are proficient with skill-based learning find it very helpful when they attend their interviews and competitive exams. Soft Skills enable students for their effective communication. Students with lack of English language skills easily cope with the industry standards after these training sessions.

Even during Pandemic situation students were given training in the online mode and also students were given placement in very good companies.

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. The NEP has revolutionised education in ways that have never been done before. IQAC hopes that the college will be better equipped for the NEP.

4. Everyone is wondering when and how to safely reopen the institution without jeopardising public health. The IQAC wishes to plan for a safe reopening of the institution while also

ensuring that resources are used appropriately in areas where they are most needed. Infrastructure development will be crucial, and IQAC will work to achieve this aim as well.

5. 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.

NAAC