



Yearly Status Report - 2016-2017

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	KINGS ENGINEERING COLLEGE
Name of the head of the Institution	Dr .A.V.MAYAKKANNAN
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04471224400
Mobile no.	9444047238
Registered Email	principal@kingsedu.ac.in
Alternate Email	info@kingsedu.ac.in
Address	Opposite to Hyundai Motors, Irungattukottai.
City/Town	Chennai
State/UT	Tamil Nadu
Pincode	602117

2. Institutional Status					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Rural			
Financial Status		private			
Name of the IQAC co-ordinator/Director		Mrs. B. ANITHA VIJAYALAKSHMI			
Phone no/Alternate Phone no.		04471224400			
Mobile no.		9840168607			
Registered Email		iqac@kingsedu.ac.in			
Alternate Email		principal@kingsedu.ac.in			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		http://www.kingsedu.ac.in			
4. Whether Academic Calendar prepared during the year		Yes			
if yes, whether it is uploaded in the institutional website: Weblink :		http://kingsedu.ac.in/academics.php			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B+	2.56	2017	22-Feb-2017	22-Feb-2022
6. Date of Establishment of IQAC			02-Aug-2016		
7. Internal Quality Assurance System					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by IQAC	Date & Duration		Number of participants/ beneficiaries		
Workshop on	21-Jul-2017 2		100		

A Guest Lecture on	27-Jul-2017 1	60
Guest Lecture on	13-Aug-2016 1	403
Guest Lecture on	27-Aug-2016 1	403
Awareness Programme on	14-Sep-2016 1	146
Workshop on	03-Dec-2016 1	50
FDP on	03-May-2017 2	50
International Conference	08-Apr-2017 1	200
One day Guest Lecture on	13-Sep-2016 1	60
Two days Robo Zest	01-Feb-2017 1	60
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
nil	0	nil	2017 0	0
No Files Uploaded !!!				

9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

To introduce learning management system for students to download course materials, assignments, videos etc.,

To introduce peer teaching to help the slow learners.

To enhance the learning resources by providing additional infrastructure

To increase the NSS activities for the holistic development of students

To enhance the ecological practices so as to conserve water, power etc and make the campus eco-friendly

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
To conduct national conferences, seminars, workshops and guest lectures.	conferences workshops, seminars were conducted
To enhance students support systems through counselling and career guidance programmes	186 students got benefited from counseling and career guidance programmes
To conduct gender sensitization programmes	Women Empowerment Committee of the college conducted various Programmes
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Governing council	19-Aug-2016

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2017

Date of Submission

06-Mar-2017

17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>The Kings Engineering college uses a Management information system (MIS) that consist of hardware and software that serves as the backbone. Learning material prepared by subject handling Faculty members is verified by the HOD and is uploaded in the Kings Portal regularly for students' reference. Each student has a unique login and students can avail the softcopy of the study material through internet. Enterprise Resource Planning software was developed and students can login through the webpage. The students can gather information about their result, fees dues, etc. Students can pay the fees through Online.</p>

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The Kings Engineering College (KEC) is affiliated to Anna University and the curriculum and syllabi prescribed by the University are strictly followed by our institution. Apart from the prescribed curriculum, Our Institution has manoeuvred ways to strengthen the teaching-learning process through a well planned documented process. Outcome Based Education (OBE) is followed by defined Vision, Mission, Course Outcome (CO), Program Outcome (PO) and Program Specific Outcome (PSO). The Institutional Academic Calendar for each semester is prepared in accordance with the academic schedule issued by Anna University. In each semester subject allocation to the Faculty members is done by getting their preference of subject expertise and performance in previous years. In each programme senior faculty is nominated as Group Coordinator based on subject expertise and they will ensure the effective curriculum delivery. Timetable will be prepared including hours for library, tutorial, value added course, training etc. Course study materials such as lecture notes, question bank, lab manuals are prepared by the respective faculty members focusing on OBE and Bloom's Taxonomy. The materials are uploaded in the "Kings portal" for student's reference. Assignments are given beyond Syllabus topics. Hard copies of question bank and lab manuals are also provided to the students. Maintaining course files by all the faculty members includes lesson plan, notes of lesson, question bank and performance details of the students. Our faculty members periodically monitor the quality of course delivery by getting feedback from the students through Class Committee Meeting (CCM) and online feedback system. Necessary Actions are taken based on the analysis of the feedback. A separate forum is created by IQAC to collect suggestions from student representative and will be reported to Academic council for further improvement in curriculum delivery Our faculty members adopt Innovative teaching techniques such as web related assignments, peer learning, group discussion, NPTEL lectures, case studies, mini projects, quiz etc., Internal Assessment Test (IAT) is conducted

by the internal exam cell of each department and the papers are evaluated by the respective faculty members. The performance of students is reported to parents by Progress Report through post. To supplement the curricular gaps we organize guest lectures by eminent industry personnel and also conduct industrial visits, workshops, refresher course, seminars to improve the effectiveness of implementation of the curriculum specified by Anna University. Based on the performance in the university exams and IAT, slow learners and advanced learners are identified and remedial coaching classes are organized for slow learners. Advanced learners are motivated for research work etc.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
Machine Learning program	-	11/07/2016	10	Employability	Technical
BEC Certified Basic English Language Course	-	23/01/2017	1	Employability	Communication
Python programming	-	11/01/2017	7	Employability	Technical
PHP MySQL	-	11/07/2016	10	Employability	Technical
Cryptology	-	13/02/2017	5	Employability	Technical
LINUX	-	12/09/2016	3	Employability	Technical
C,C Spoken Tutorial	-	04/07/2016	30	Employability	Technical
Java Spoken Tutorial	-	04/07/2017	30	Employability	Technical
NET	-	19/07/2017	30	Employability	Technical
Design and fabrication of PCB	-	12/06/2017	30	Employability	Technical
Integrated development program with ARDUINO Platform	-	11/12/2017	7	Employability	Technical
NPTEL	-	08/01/2017	12	Employability	Technical
ANSYS	-	11/07/2017	10	Employability	Technical
CATIA	-	11/07/2016	10	Employability	Technical

Solid works	-	12/06/2017	1	Employability	Technical
AutoCAD	-	13/02/2017	5	Employability	Technical

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
No file uploaded.		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
No Data Entered/Not Applicable !!!		

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	827	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
BEC	23/01/2017	240
Aptitude training Programme	04/07/2016	172
Softskill Training	04/07/2016	172
web development	16/12/2016	170
Placement Training	16/12/2016	230
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	internships	80
BE	Field projects	61
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained

The Institution collects feedback physically as well as through online on Design and Curriculum aspects from different stakeholders such as the Students, Alumni, Faculty, Parent Employers. Periodical analysis is made by Program Coordination Committee. The college conducts annual Alumni Meet, in which suggestions and feedback is received from Alumni students. The provided feedback data is presented to the Academic Council Meeting for necessary implementation for enhancement. Alumni surveys are taken during alumni interaction at the alumni association meeting and on Convocation day. The Feedbacks are collected and analyzed the report is generated by the Program Coordination Committee. The action taken is analyzed by the IQAC and the report is submitted to Academic Council for further action.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Mechanical Engineering	60	70	54
BE	Information Technology	60	52	34
BE	Electronics and Communication Engineering	120	86	71
BE	Computer Science and Engineering	120	92	81

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2016	240	Nil	97	Nil	97

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
97	97	5	24	4	3

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The Institute strives to enhance the culture to serve better to the needs of an ever-changing and dynamic learning community. Active mentoring begins with the faculty. To attain academic success and persistence, a healthy relationship between faculty and students practised. Type of Mentoring: All-round development (Personal, Academic and Career). No. of Faculty Mentors: All teaching faculties No. of Students per Mentor: 15-20 approximately. Frequency of Meeting: Three times in a semester Faculty members in the department will act as the mentor for a group of students assigned to them. Mentors will monitor their progress and report to the Academic Council. A counselling file maintained by the mentor where all the details of their students recorded and continued until the student completes his/her graduation. The counselling file supported by each mentor has features like Personal information, Academic performance, Attendance record, Internship and Industrial training, Co-curricular and Extra-curricular activities, Awards and prizes and Counselling remarks. During the counselling session, students will represent their personal, academic difficulties which they are facing from time to time and the mentor will help the students to overcome their challenges by suggesting suitable remedies. If the problem seems to be tough, then the students will be addressed by the Academic council along with their mentor. Information about the progress and challenges of their students will be intimated to the respective parents periodically through phone call/SMS/post.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
827	97	1:17

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
96	97	Nil	97	8

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2016	Mr.S.Suthagar	Assistant Professor	Best faculty coordinator award” awarded by international Robotics championship ROBOZEST 16 in association with IITKharagpur
2016	Mrs.A.Aruna	Assistant Professor	Best faculty coordinator award” awarded by international Robotics championship ROBOZEST 16 in association with IITKharagpur
2016	Mr.S.Suthagar	Assistant Professor	“Best faculty coordinator award”

2016	Mrs.V.Kavitha	Assistant Professor	"Best faculty coordinator award"
2016	Mrs.A.R.Venmathi	Associate Professor	"Best Teacher Award"
2017	Mr.S.Rajkumar	Associate Professor	"Best Organizer Award" awarded by international Robotics championship ROBOZEST 16 in association with IITKharagpur
2017	Mrs.M.Vinu	Assistant Professor	"Best faculty coordinator award" awarded by international Robotics championship ROBOZEST 16 in association with IITKharagpur
2017	Mr.R.Nagaraj	Assistant Professor	"Outstanding Teachers Award" awarded by international Robotics championship ROBOZEST 16 in association with IITKharagpur
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	205	EVEN/2017	05/06/2017	11/07/2017
BE	205	ODD /2016	08/12/2016	04/02/2017
BE	114	EVEN/2017	05/06/2017	11/07/2017
BE	114	ODD /2016	08/12/2016	04/02/2017
BE	106	EVEN/2017	05/06/2017	11/07/2017
BE	106	ODD /2016	08/12/2016	04/02/2017
BE	104	EVEN/2017	05/06/2017	11/07/2017
BE	104	ODD /2016	08/12/2016	04/02/2017
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The Institution has an exclusive exam cell with members from each Department for the conduct of all the internal and End Semester Examinations. Students are evaluated by their performance in internal assessment examination and End Semester Examination. The subject handling Faculty prepares the question bank

that covers important questions and university based questions from each unit in all the topics. ? Accordingly, the subject handling Faculty prepares two sets of question papers and submits to the exam cell. ? College Exam cell Coordinator along with a team select any one set of the question paper for each subject. ? Question papers are given to the Internal Exam Coordinators of the Department on the day of test, after approval from the Principal. ? Internal Exam Coordinator from each Department ensures smooth conduct of exam and proper valuation of internal booklets. ? The evaluated answer scripts are corrected and distributed to the students within 2 days after the examination. ? The marks secured in the Model Examinations are entered in the Exam Cell to calculate the internal assessment marks for the students. ? In labs, internal evaluation is based on the observation, effective completion of experiment, record and viva voce on each experiment. Project review committee assesses the project work. By regular reviews conducted in different phases for the project, the performance of the students is analyzed. The aggregate of all the marks obtained in reviews is considered to allot the final internal marks of each student.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

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. 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 date of commencement of the academic session, duration of semester, period of internal assessment tests, events planned for the semester and Government holidays. ? Students are well informed about the time table for internal assessment examination and the schedule for portal entry. ? The whole syllabus is divided into several sub-topics, and the mode of teaching will be determined by the concerned Faculty to prepare Lesson Plan. ? Lesson plan based on Blooms Taxonomy and course objectives must be prepared in alignment with academic calendar which is duly approved by the Head of each Department after careful examination. ? Question banks are prepared for each topic in the course based on Blooms Taxonomy and course objectives and considering the university question papers before the start of the semester. ? The co-curricular activities such as industrial visits, guest lectures, value added courses, placement training, workshops, cultural activities are planned by the Department based on the academic calendar and the schedules are used to be displayed on the notice board.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://www.kingsedu.ac.in/department/co_po.php

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
104	BE	CSE	61	53	86.88
106	BE	ECE	89	75	84.33
205	BTech	IT	18	16	88.89

114	BE	MECH	63	50	79.36
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://www.kingsedu.ac.in/feedback/sss-16-17.php>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	16-17	Averzs Technology Research development	50000	50000
Minor Projects	16-17	Chase Research and Development solutions	46300	46300
Industry sponsored Projects	16-17	SM MICRRO System	45000	45000
Students Research Projects (Other than compulsory by the University)	16-17	RAM INTELLIGENCE AND SOLUTIONS	24000	24000
Students Research Projects (Other than compulsory by the University)	16-17	Pantech prolab India Ltd	14000	14000
Students Research Projects (Other than compulsory by the University)	16-17	Entrepreneurs hip Development Cell (EDC)	75500	75500

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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
One day Workshop on Research Methodology	CSE, IT, ECE, MECH	12/03/2016
Workshop on "Grid and	CSE, IT	21/07/2016

Cloud Computing"		
Workshop on "Grid and Cloud Computing"	CSE, IT	22/07/2016
"DOT NET"	CSE, IT	27/07/2016
Application Development, Networking	CSE, IT	29/07/2016
Workshop on Industrial Drives Controls	ECE	05/10/2016
Guest lecture: Advance Industrial process	MECH	03/09/2016
Android Development	ECE	29/09/2016
Application Development, Networking	ECE	29/08/2016
Switching Lab, Transmission Lab	ECE	01/02/2017

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Best Research Paper Award	Dr.D.C.Jullie Josephine	International Journal of Advanced Research Trends in Engineering And Technology(IJARTET)	26/04/2016	Best Research Paper Award
Best Research Paper Award	L.Leena Jenifer	International	26/04/2016	Best Research Paper Award
"Best faculty coordinator award" awarded by international Robotics champion ship ROBOZEST 16 in association with IITKharagpur	Mr.S.Rajkumar	M/s Averzs Technologies, Research and Development	24/01/2017	"Best faculty coordinator award" awarded by international Robotics champion ship ROBOZEST 16 in association with IITKharagpur
"Best faculty coordinator award" awarded by international Robotics champion ship ROBOZEST 16 in association with IITKharagpur	Mr.S.Suthagar	M/s Averzs Technologies, Research and Development	24/01/2017	"Best faculty coordinator award" awarded by international Robotics champion ship ROBOZEST 16 in association with IITKharagpur
Best faculty coordinator award" awarded	Mr.R.Nagaraj	M/s Averzs Technologies, Research and	24/01/2017	Best faculty coordinator award" awarded

by international Robotics champion ship ROBOZEST 16 in association with IITKharagpur	Development	by international Robotics champion ship ROBOZEST 16 in association with IITKharagpur
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
CSE	1
IT	Null
ECE	1
MECH	1
S and H	2

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	CSE, IT, ECE, MECH, SH	67	0.6
National	0	Null	0
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
CSE, IT, ECE, MECH, SH	71
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
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RWTT - Reversible Watermarking Technique Based On Time-Stamping In Relational Database	M. Parameswari, M. Vidhya, V. Sharmila and J. Jainee Sharmila	Journal Middle-East Journal of Scientific Research	2016	3	Kings Engineering College	1
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
RWTT - Reversible Watermarking Technique Based On Time-Stamping In Relational Database	M. Parameswari, M. Vidhya, V. Sharmila and J. Jainee Sharmila	Journal Middle-East Journal of Scientific Research	2016	3	1	Kings Engineering College
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nil	Nil	Nil	5
Presented papers	Nil	Nil	Nil	71
View File				

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
School Cleaning	Panchyat union middle School, Chettipedu Sriperumpudhur	1	50
School students awareness programe	Panchyat union middle School, Chettipedu Sriperumpudhur	1	50

Tree Plantation	Chettipedu	1	50
Village park cleaning	Pennalur	1	50
Eye camp	Sankara Eye Hospital	1	50
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
0	0	0	Nil
No file uploaded.			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
NSS	KEC	TREE PLANTATION	1	50
NSS	KEC	School Cleaning	1	50
NSS	KEC	AIDS awareness	1	150
NSS	Pfizer Health care India Pvt. Ltd.	Road Safety	1	50
NSS	KEC	Public Awareness Programs	1	50
NSS	KEC	School Students Awareness Programme	1	50
NSS	KEC	SCIENCE EXHIBITION	1	200
NSS	KEC	SPORTS DAY	1	50
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
internship	Esakkiammal	Self	90
internship	Jesammal	Self	90
internship	Jennifer Anitha	Self	90
internship	Sonali Stephy	Self	90
internship	Reena	Self	90

internship	Subashini	Self	90
internship	T.Rohithraj	Self	90
internship	Swapna	Self	90
internship	Sushmitha	Self	90
internship	Shalini	Self	90
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Training	Industrial Visit	BSNL RTTC	15/07/2017	30/12/2017	90
Training	Industrial Visit	NSIC	29/07/2016	30/12/2017	100
Training	Industrial Visit	BSNL RTTC	08/12/2016	30/12/2017	90
Training	Industrial Visit	NSIC	02/01/2017	30/12/2017	90
Training	Industrial Visit	BSNL Harbour Exchange (Parrys)	15/07/2017	30/12/2017	60
Training	Industrial Visit	BSNL Harbour Exchange (Parrys)	29/07/2017	30/12/2017	60
Training	Industrial Visit	NSIC	07/12/2016	30/12/2017	100
Training	Industrial Visit	BSNL (MARAI MALAI NAGAR)	14/07/2016	30/12/2017	90
Training	Industrial Visit	SOUTHERN RAILWAY ELECTRICAL WORKSHOP	19/07/2016	30/12/2017	90
Training	Industrial Visit	SOUTHERN RAILWAY ELECTRICAL WORKSHOP	20/07/2016	30/12/2017	80
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
PANTECH	05/04/2017	Internship,	60

PROLABS (INDIA) PVT LTD		project training	
Chase Research and Development solutions	06/07/2016	Internship, project training	60
Balaji FRP Pvt Ltd	03/03/2017	Internship, project training	40
C-DAC	03/03/2017	special course	89
Brain swig Tech	03/03/2017	special course, project	50
AVERZS Technologies	07/07/2016	special course, project	60
DLK TECHNOLOGIES PVT LTD	06/06/2016	Internship, workshop	60
M/s ScienTech Technologies Pvt Ltd.	15/03/2016	Internship, workshop	60
V3tech Serv Delivery Partner of HPE	22/11/2016	Special Courses/ Workshop	75
Vee Eee Technologies Solution Pvt. Ltd	07/09/2016	Internship, project training	50
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
4000000	3935091

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing

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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Kingslib	Fully	1.0	2012

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	24465	9786000	1435	574000	25900	10360000
Reference Books	541	216400	34	13600	575	230000
CD & Video	100	12000	50	7000	150	19000
Others (specify)	523	32575	86	10976	609	43551

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	350	11	0	1	0	12	20	10	0
Added	50	0	0	0	0	0	0	0	0
Total	400	11	0	1	0	12	20	10	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

10 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
kings students portal	http://35.154.242.244:8000/#!/login

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
9755000	9613821	22251000	22604495

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The college has appointed technical person for maintaining the infrastructure by way of building maintenance, transport, furniture and generator operator in case if 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. Service Department

Number of Staff Electrical Works 10 Civil Works 15 Transport 20 Computer Servicing 5 House Keeping 25 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. Physical director involving in the maintenance of sports equipments 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 separate login credentials to access the intranet and internet. Access to internet is provided in the lab even after college working hours. Apart from the regular lab classes, students are offered practice in programming languages by various value added courses which are under taken 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 ensure that the software and system is secured. The status of the hardware and software of the machine can be checked and noted to the status register in 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 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 vendor is taken and rectified. Anticipating vendor support, UPS and major equipment's have annual maintenance contract (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's and discarded equipments, by a meticulous Library The library is managed by 1 experienced librarians and 2 assistant Librarian. They periodically inspect the conditions of the books and journals. Every year they conduct audit by the internal faculty. For the purchase of new books every year they get the required books from the every departments heads and make the purchase under the direction of principal.

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

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

<http://www.kingsedu.ac.in/hr-policy.php>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
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Financial Support from institution	Meritorious Scholarship	55	11852000
Financial Support from Other Sources			
a) National	Post Metric Scholarship, BC/MBC Scholarship, Minority Scholarship	428	10569425
b) International	0	Nil	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Guidance for competitive examinations	08/06/2016	274	King Makers IAS Academy, IMPEL overseas
Career counselling	08/06/2016	1802	Jamboree, Infosys Ltd, SI UK Educational council
Soft skill development	06/09/2016	153	BEC
Remedial coaching,	02/08/2017	80	college
Language lab,	08/06/2016	260	college
Bridge courses,	02/08/2016	192	college
Yoga, Meditation	06/09/2016	134	KEC Physical Education
Personal Counselling and Mentoring	08/06/2016	192	college
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2016	Guidance for competitive examinations and Career counselling	274	1802	Nil	187
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
1	1	10

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
18	2167	186	TCS	22	1
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2017	1	Kings Engineering College	ECE	SRI BALAGI SOCIETY	PGDM
2017	1	KEC	ECE	COLLEGE OF ENGINEERING , ANNA UNIVERSITY	M.TECH.
2016	1	KEC	CSE	FRANCIS XAVIER ENGINEERING COLLEGE	MBA
2016	1	KEC	CSE	SRI SAI RAM ENGINEERING COLLEGE	M.B.A. (H.R.)
2016	1	KEC	CSE	EASWARI ENGINEERING COLLEGE	M.E. (CSE)
2016	1	KEC	CSE	SRM UNIVERSITY	M.TECH.
2016	1	KEC	CSE	DR. SIVANTHI ADITANAR COLLEGE OF ENGG	M.E. (CSE)
2016	1	KEC	CSE	SRM UNIVERSITY	M.TECH.
2016	1	KEC	CSE	SRM UNIVERSITY	M.TECH.
2016	1	KEC	CSE	LOYOLA	M.B.A.

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	Nil
SET	Nil
SLET	Nil
GMAT	Nil
GATE	Nil
CAT	Nil
GRE	Nil
TOFEL	Nil
Civil Services	Nil
No file uploaded.	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
BADMINTON FOR BOYS Nil	Institution Level	24
VOLLEYBALL Nil	Institution Level	32
TENNICOIT Nil	Institution Level	16
KHO-KHO Nil	Institution Level	36
100M RUNNING FOR BOYS Nil	Institution Level	10
200M RUNNING FOR BOYS Nil	Institution Level	12
400 M RUNNING FOR BOYS Nil	Institution Level	8
KABADDI FOR BOYS Nil	Institution Level	24
100M RUNNING FOR GIRLS Nil	Institution Level	8
200M RUNNING FOR GIRLS Nil	Institution Level	10
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2016	gold	National	3	2	NA	NA
2017	silver	National	4	1	NA	NA
2017	bronze	National	7	1	NA	NA

2016	third place	National	1	Nil	NA	NA
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

In our college, our students represent in all Academic Committees as well as Administrative Bodies. In academic, they represent as Student Coordinator, Symposium Coordinator, Conference Coordinator, Workshop Coordinator and Student Chapter Representative In the Administrative Body they volunteer to organize Cultural Events, Christmas Eve celebration and Sports Day Celebration

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

The KEC Alumni Association was formed in the year 2008. The Alumni of our Institution guide the students in their careers, and enable them to shine in the society. A link in our college website has been made available for our alumni, where they can register their profile and get membership through digital link or offline mode. Besides conducting regular meetings during the academic year, the Alumni Association jointly celebrates important festivals once or twice a year in the college premises. We are proud to say that quite a few of our alumni are placed in well known companies in foreign countries. In the get-together meetings, they happily share their views and experiences as they are very much exposed to the latest Technology. They have learnt to inculcate the spirit of Time Management and value the Career Development. This type of interaction provides awareness to the wider opportunities and challenges prevailing in the field of Technology. This interactive session is a source of inspiration and eye opening towards the betterment of Curriculum and Career Development. The alumni frequently visit their Alma mater and deliver guest lectures and provide career guidance in their area of expertise like latest trends in technology, participation in workshop and motivational speech, and also strengthen their juniors. Every year successful alumni entrepreneur helps the final year students to get better placement in various engineering streams. The Alumni Cell of the Kings Engineering College is also committed to establish a link between various prospective employees and our students.

5.4.2 – No. of enrolled Alumni:

24

5.4.3 – Alumni contribution during the year (in Rupees) :

80500

5.4.4 – Meetings/activities organized by Alumni Association :

Meeting 1 : 15.08.2016 / Organized by KEC Alumni Association Meeting 2 :
26.01.2017 / Organized by KEC Alumni Association

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Vision: The Vision of Kings Engineering College is to provide industry relevant technical education, motivate our technocrats to carry out skilful research, 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 extra-curricular 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 become a trendsetter globally. ??Sponsor and educate less privileged with quality technical education. Committees: The Principal creates various committees in consultation with the Governing Council and HODs. To name a few Committees: AC, PCC, IQAC, RD Committee, Disciplinary and Anti-Ragging Committee, Grievance and Redressal Committee, etc. These committees help in the decentralization of work and collective responsibilities. Before the commencement of each semester, the various committees meet under the guidance of the IQAC and Principal. Mentors: Mentoring system is implemented with 15 students to each Faculty member. The mentor gives attention on individual student on various social, mental and societal factors. Each and every Faculty maintains a complete record of student profile. Mentor meet with mentees held thrice in a semester.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	The Governing council and IQAC monitor the progress of Institution to evaluate the quality of academic activities. The Institution plans towards academic excellence, the expansion and up gradation of the infrastructure, modernization of existing facilities, training and placement activities, research and development, institute-industry interaction, excellent teaching learning process and Faculty development are considered for the development of the Institution.
Teaching and Learning	The Teaching- Learning processes is a combined processes where an educator assesses learning needs, establishes specific learning objectives, develops teaching and learning strategies, implements plan of students may be better suited work and evaluates the outcomes of the institution. Individual to learning in a particular way, using distinctive modes for thinking, relating and creating. The notion of students having particular learning styles has implications for teaching strategies.
Examination and Evaluation	Examination and Evaluation ensures the knowledge gained by the students through the programme. Performance Evaluated through Model Examinations Academic Events thrice in a Semester,

Assignment twice in a Semester, Model Practical Examination once in a Semester and University Examination for both Practical and Theory once in a Semester.

Research and Development

- To upgrade the qualities of the Staff, they were motivated to pursue and complete their Ph.D.
- Besides Faculties, the students are also sponsored to attend the conferences, workshop, and internship for up-gradation of knowledge.
- The Research methodology programmes are conducted.

Human Resource Management

KEC is committed to improve Core competence and Ethical balance of mind in the students and to make them the most sought after technocrats who would significantly contribute to the evolution of such knowledge based society in our country. Human Resource Plan: Every discipline have a Professor as Head, Minimum three Associate Professors, and number of Assistant Professors based on 1:15 ratio of teacher student. Pay Scale: The Scales of pay for various teaching positions are as per norms. Yearly Increments: Staff Members are eligible to the increments based on performance appraisal are prescribed at the end of 12 months of service in the Institution. Additional Increments shall be given to staff members based on their contributions and results achieved in the University Examinations, at the discretion of the Management. Incentives And Rewards Staff Members are encouraged with incentives for producing 100 result, 95 and above results, 90 and above results, Conference and Journal paper publications.

Industry Interaction / Collaboration

- Faculties and students are encouraged to take part in the industry projects and to receive funds.
- Institute-industry interaction through MOUs.
- Students are allowed for internship in the vacation period.

Admission of Students

Merit based on marks scored in the higher secondary examination.

Library, ICT and Physical Infrastructure / Instrumentation

- The Institution is now functioning with 5 Floors with 4 Wings named as A, B, C and D.
- Smart class rooms, well-equipped laboratories(Project Innovation Lab, Robotics Lab), seminar halls, auditorium, extensive facilities

for on-campus training and placement. •
Indoor and outdoor game facilities,
practice and rehearsal halls for
cultural activities and homely hostel
accommodation facilities.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	http://kings.co.in//KECERP
Administration	http://kings.co.in//KECERP
Finance and Accounts	http://kings.co.in//KECERP
Student Admission and Support	http://kings.co.in//KECERP
Examination	http://kings.co.in//KECERP and Anna university webportal

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2017	Mrs.A.Aruna	International conference in innovation and challenges in Engineering and Technology	CSI,IETE,SAE, ISME	1000
2017	Mrs. R.Nafeena	International conference of innovation and challenges in Engineering and Technology	CSI,IETE,SAE, ISME	1000
2017	Mrs.R.Rosemin Thanga Joy	International conference of innovation and challenges in Engineering and Technology	CSI,IETE,SAE, ISME	1000
2017	Mrs.A.R.Venma thi	International conference of innovation and challenges in Engineering and Technology	CSI,IETE,SAE, ISME	1000
2017	Mrs.A.R.Venma thi	International conference of innovation and challenges in Engineering and Technology	CSI,IETE,SAE, ISME	1000

2017	Mr.A.Senthilkumar	International conference of innovation and challenges in Engineering and Technology	CSI, IETE, SAE, ISME	1000
2017	Mr.S.Muthupandian	International conference of innovation and challenges in Engineering and Technology	CSI, IETE, SAE, ISME	1000
2017	Mrs. S. Divya	International conference of innovation and challenges in Engineering and Technology	CSI, IETE, SAE, ISME	1000
2017	Mrs.Anitha Vijalakshmi	International conference of innovation and challenges in Engineering and Technology	CSI, IETE, SAE, ISME	1000
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2016	Research Methodology	Nil	03/12/2016	03/12/2016	36	14
2016	Workshop on "Grid and Cloud Computing"	tally software	21/07/2016	22/07/2016	36	14
2016	"DOT NET"	library software	27/07/2016	27/07/2016	40	10
2016	One day workshop on Optimization technique	linux-open source	17/08/2016	17/08/2016	38	10
2016	Awareness Programme on Recent Technologi	Nil	16/05/2016	24/05/2016	32	Nil

	es, Cloud Computing					
2016	Hands-on Training on Java Programming	Nil	16/11/2016	25/11/2016	34	Nil
2016	Robo Zest '16	Robo Zest '16	18/05/2016	24/05/2016	24	4
2016	Autocad Design	Autocad Design	30/05/2016	04/06/2016	14	3
2016	EC6001 - Medical Electronics	Nil	23/11/2016	30/11/2016	21	Nil
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Workshop on "Grid and Cloud Computing"	36	21/07/2017	22/07/2017	2
EC 6001 Medical Electronics	21	23/11/2016	30/11/2016	8
Quality System in Higher Education	2	29/09/2016	30/09/2016	2
EE6403 - Discrete Time Systems Signal Processing	2	21/11/2016	22/11/2016	2
Recent Trends Tools in Modern Wireless Digital Communication Networks	3	27/06/2016	29/06/2016	5
Principles of Digital Signal Processing	2	09/06/2016	10/06/2016	2
EC6001 - Medical Electronics	4	23/11/2016	30/11/2016	7
Digital Image Processing	2	15/06/2016	22/06/2016	7
Embedded system Technologies	1	17/06/2016	18/06/2016	2

EC6403 - Electromagnetic Fields	1	05/12/2016	17/12/2016	7
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
97	97	24	24

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> Financial support for paper publication in both the national and international journals. Various Skill development programmes by Industry Experts for first 6 semesters duration without any fee. 	<ul style="list-style-type: none"> Financial support for paper publication in both the national and international journals. Various Skill development programmes by Industry Experts for first 6 semesters duration without any fee. 	<ul style="list-style-type: none"> 100 Fee Concession 50 Fee Concession for low income group students. Government Scholarships for Skill and Personality Development of SC/ST Students. Students securing 100 attendance in an academic year are felicitated with prizes.

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

YES. The audit is conducted for both academic and Finance .The internal audit for academic will be conducted at the end of the every semester .The process includes the verification of self log book ,course file ,attendace etc ,and conucted by interdepartment auditors. The senior faculty members will be nominated as auditors. The external auditing are conducted by NAAC,NBA. The External audit on finance /accounts will be conducted by the external auditors every year.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Alumni Fund	80500	Student Fees
No file uploaded.		

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	NAAC NBA	Yes	Institution
Administrative	Yes	auditor	Yes	Institution

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

- The goal of parents-teacher meeting is to bring together the interests of parents and the college to support student progression.
- Each department organizes parents-teachers meeting periodically and provides an opportunity for parents to discuss the academic performance of their wards with the faculty concerned. The departmental activities are presented to the parents.
- Students performance is informed periodically to the parents by sending the Progress Report.
- Faculty advisors take the responsibility of individual student's performance and periodically update it to parents

6.5.3 – Development programmes for support staff (at least three)

1. conducted one day training programme for administrative faculty members.
2. conducted one day training programme for Librarian faculty members.
3. Computer Lab faculty attended three days workshop in Python programming.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

- An action plan to be taken has been prepared based on the remarks given by NAAC and NBA peer committee members.
- Mechanical Department accredited by NBA.
- Got permanent affiliation for ECE, CSE and Mechanical Departments

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2017	Workshop on "Internet of Things" was organized in association with CSI, Resource person: Ms. Ramya, Mr .Karthikeyan , and Mr. Dhinesh, DLK Technologies Chennai	04/08/2017	04/08/2017	04/08/2017	70
2016	Workshop on "Grid and Cloud Computing" associated with CSI was organized Resource Person: Mr. Mahendran, C-DAC,	21/07/2016	21/07/2016	22/07/2016	100

	Chennai .				
2017	A Guest Lecture on "DOT NET" associated with CSI was organized Resource person: Mr.G .Kathiresan, Mazenet.com Pvt. Limited was the Chief Guest.	27/07/2016	27/07/2016	27/07/2016	60
2017	Guest Lecture on "Pre Placement Training Programme" associated with CSI was conducted, Resource person:Mr.Benson B.Paul, Zoho Corporation, Mr.Stalin Raj, ICICI Bank. and Mr. Simieon, CEO Boris Turbo Tech. and Mr.Richard, BancaSella Bank were the Chi	13/08/2016	13/08/2016	13/08/2016	403
2016	Guest Lecture on "Road Map towards Career Success" associated with CSI was organized Mr .V.Muthukumar, and Mr.K. Stephenson Daniel, Infosys Ltd, Chennai were the Chief Guest	27/08/2016	27/08/2017	28/08/2017	403

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES**7.1 – Institutional Values and Social Responsibilities**

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Seminar on "Women's Education and Empowerment	09/07/2016	09/07/2016	175	150
Women Entrepreneurship Awareness Camp	27/07/2016	27/07/2016	315	10
Kings food carnival	11/08/2016	11/08/2016	150	140
Group Discussion on "Usefulness of advance technology for Women"	26/08/2016	26/08/2016	189	65
One day awareness program on "Women Safety and Security".	03/09/2016	03/09/2016	220	120
Boys hostel day	23/09/2016	23/09/2016	3	65
Technokings'17	01/10/2016	01/10/2016	35	20
Seminar on "Women's Health"	08/10/2016	08/10/2016	170	10
Women's Day celebration	08/03/2017	08/03/2017	305	25
Sports Day	11/03/2017	11/03/2017	140	200
Girls Hostel Day	22/03/2017	22/03/2017	100	Nil

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

The institute is a Green campus, lush, serene, with landscaping. The students and faculty are encouraged to plant more trees and making the campus garbage and plastic free zone. Tree plantation programs, helps in encouraging eco-friendly environment, which provides pure oxygen within the institute and awareness among the villagers. The Illumination and Ventilation in classrooms are adequate considering natural light and air velocity present. College transportation facilities are used to commute. The College makes the student

aware of the Carbon Credits, Carbon Neutrality in the subject of Environmental Studies in the programmes. Emission test certificates are mandatory for the vehicles in the campus. Tobacco products are strictly banned within 2 kilometers around the campus.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	Yes	Nil
Ramp/Rails	Yes	Nil
Braille Software/facilities	Yes	Nil
Rest Rooms	Yes	Nil
Scribes for examination	No	Nil
Special skill development for differently abled students	No	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2016	10	3	13/08/2016	180	Blood Camp, Eye Camp, Tree Plantation, Polio Awareness camp, Village Park Cleaning, Dengue awareness program, Environment Protection Awareness Program	-	469

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of conduct - Faculty Code of conduct -	11/07/2016	Reviewed and revised annually

Student

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Independence Day	15/08/2016	15/08/2016	54
Blood Camp	24/08/2016	24/08/2016	140
Republic day	26/01/2017	26/01/2017	42
Blood Camp	28/02/2017	28/02/2017	34
Special Camp – School campus cleaning, Tree plantation and Health Awareness Program	01/03/2017	07/03/2017	50

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Dense plantation and landscaping on the campus
Hazardous waste managed safely
Eco-friendly papers used for documentation
Segregation of waste at source
Awareness to the staff and students on environment cleanliness

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Describe at least two institutional best practices Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link 1. Title of the Practices: Special Course and Academic Events Goals Special Course is used to bridge the gap between syllabus recent trends in Engineering Technology, to succeed the opportunities available in the field of engineering. Academic Events are used to implement the concept practically which help to enrich their knowledge in regarding subjects. The Context Special Course is produced competitive engineering graduates to excel in their professional field along with the curriculum. We also enhance the advancement in latest technologies and courses to meet the social needs. Academic event 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 and mend them towards the time management and team work. The Practice Apart from the regular academic curriculum institution takes an extra step that the students become experts in Special Courses such as Business English certificate (BEC), Global English Testing Services (GETS), Robotics, .NET, etc. Business English Certificate (BEC) and Global English Testing Services (GETS) Good English language skills are needed to succeed in 21st Century, whether as an employee, or an employer, or an entrepreneur. One's ability to demonstrate relevant language skills in effective communication secures an advantageous position in higher education. The Business English Certificates (BEC) from Cambridge ESOL is for individual learners who want to have a business-related English language qualification. GETS (Global English Testing Services) is a trade name owned by Qualifications and Assessments International (QAI), UKs leading private, international awarding body. GETS is a test designed to be used by educational institutions and corporate to assess the English language proficiency level of the prospective students and work force. BEC and GETS are set as Common European Framework of Reference for Languages (CEFR). Robotics The field of Robotics Engineering is a sub field of Electronics and Mechanical engineering. Robotics engineers design robots and develop new applications for them for use in a wide

range of industries. .Net .NET is a programming framework created by Microsoft that developers can use to create applications more easily. .NET is given by providing applications of higher capability, quality and security. Apart from using Technical Quiz and Technical seminars etc. we guide the students to have practical approach to all the subjects. Technical Quiz Technical Quiz is a form of game or mind sport, in which the players (as individuals or in teams) attempt to answer questions correctly. It is a game to test one's knowledge about a certain subject. It is also a brief assessment used in education and similar fields to measure the growth in knowledge, abilities, and/or skills. Technical seminars Technical Seminar is an instructional technique of higher learning which involves paper reading on a theme and followed by the group discussion to clarify the complex aspects of theme. Evidence of Success • The students got international Certificates like BEC, GETS. • The students participated in various multinational level competitions and have won prizes. • Students applied their problem solving skill in their innovative projects. 2. Title of the Practices: Students Mentoring System OBJECTIVE OF THE PRACTICE: The goal is to establish a healthy relationship between the Mentor and the Mentee so as to help the mentees reach their aims. CONTEXT: The students are assigned to Faculty Mentors from the first year. Mentors create a better environment for their mentees, and so mentees can approach their mentors for educational, personal guidance and knowledge enhancement. PRACTICE: The mentors closely monitor their mentee's performance and provide an ongoing support. They also provide awareness and guidance about competitive examinations and courses required for placements. A mentor encourages the students to pursue higher studies and entrepreneurship. Each and every detail regarding the student is noted down in their mentor book to maintain a hard copy for reference. Frequent counseling sessions help the students to express their opinions and problems with ease. Counseling is done after tests and after the University exam Results. Mentor books are updated with their results, achievements, certifications, attendance, scholarships and project details. EVIDENCE OF SUCCESS: The evidence of success is the percentage of students passed in five years from 2014 to 2018 academic result, number of the students placed in the campus recruitment and number of students who got Anna university rank in the last five years. After implementing the practice there is an increase in the Pass percentage, the number of Rank holders and Placement record PROBLEM ENCOUNTERED AND RESOURCES REQUIRED: In some circumstances, an introvert student might not be able to express. In the absence of a mentor for a brief period of time, the duties are handed over to another Faculty and informed to the respective students. To make the mentoring system effective, training is imparted to Faculty on counseling and handling the students.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://www.kingsedu.ac.in/department/bp.php>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The primary objective of the institution is the pursuit of Academic Excellence and Placements. The institute also aims at vitalizing the learning skills with a focus on futuristic demands, vitalizing teaching- learning process, ICT, Human Values, and functional relationship with all the stakeholders for the holistic development of the individual and society. It also strives to create virtuous, meritorious personalities and to prepare professional, creative, and humane students to serve the humanity by setting a commendable tradition of initiative and imagination. The institution stands apart from all 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. The institute aims at instilling a sense of self-discipline and accountability among students and developing a respect for democratic, ethical, and moral values. The college provides the best amenities required for students to enhance their Technical skills, Academics, and Extra-curricular activities and brings out the best in them. Training is imparted to the students from their second year in soft skills and technical skills. The academic and placement processes are complemented with a diverse array of opportunities provided to the students in enhancing their knowledge beyond academics. Various conferences, guest lectures, workshops, summit, celebrity chats are organized throughout the year, by which the students are exposed to the outside world work ethics and all the recent developments and innovations. The institution has provided the best possible facilities in terms of infrastructure for teaching, learning and sports activities to make a student complete in all dimensions. The Classrooms, Laboratories, Smart classrooms, Group discussion halls, Library. The institution hosts fully equipped grounds for sports. As a result, students have performed well in state and national level sports events and secured many medals. The Vision is to build our college as an inimitable centre of excellence for higher education sworn by total quality management at all levels. To uplift the Techno-Social status of youth through various under graduate engineering degree programs and to irrevocably commit to the noble task of uplifting the economically weaker section of the community in this region, thus enhancing their economic status with the support of our benevolent.

Provide the weblink of the institution

http://www.kingsedu.ac.in/inst_dist.pdf

8.Future Plans of Actions for Next Academic Year

? Planning to increases placement overall to the students ? Planning to get NAAC,NBA ? To introduce career oriented courses, short term courses, value added courses. ? The college will promote eco-friendly campus and will achieve paperless administration. ? Planned purchase a CNC Milling machine for Mechanical department. ? Planned purchase a Gear Hobbling machine for Mechanical department. ? Planned purchase a Gear tooth profile machine for Mechanical department. ? Planning for professional bodies' accreditation from the following bodies ISTE, CSI, ICTACT, IET. ? Planning new RO Water system ? To promote the faculty to use ICT based teaching methodology. ? Planned to introduce new courses ME Program for CSE department. ? Planning to establish new IQAC Cell. ? Planning to introduce NPTEL Courses for students. ? Planning to increases placement overall to the students