



## Yearly Status Report - 2017-2018

### Part A

#### Data of the Institution

Part A	
<b>Data of the Institution</b>	
<b>1. Name of the Institution</b>	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

<b>2. Institutional Status</b>	
Affiliated / Constituent	<b>Affiliated</b>
Type of Institution	<b>Co-education</b>
Location	<b>Rural</b>
Financial Status	<b>private</b>
Name of the IQAC co-ordinator/Director	<b>Dr.D.C.Jullie Josephine</b>
Phone no/Alternate Phone no.	<b>04471224400</b>
Mobile no.	<b>9442316725</b>
Registered Email	<b>iqac@kingsedu.ac.in</b>
Alternate Email	<b>principal@kingsedu.ac.in</b>

<b>3. Website Address</b>	
Web-link of the AQAR: (Previous Academic Year)	<a href="http://www.kingsedu.ac.in">http://www.kingsedu.ac.in</a>
<b>4. Whether Academic Calendar prepared during the year</b>	<b>Yes</b>
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://www.kingsedu.ac.in/academics17-18.php">http://www.kingsedu.ac.in/academics17-18.php</a>

### **5. Accrediation Details**

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
<b>1</b>	<b>B+</b>	<b>2.56</b>	<b>2017</b>	<b>22-Feb-2017</b>	<b>22-Feb-2022</b>

<b>6. Date of Establishment of IQAC</b>	<b>02-Aug-2016</b>
---	--------------------

### **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
<b>The 12th Graduation day of our graduates was</b>	<b>18-Aug-2017</b> <b>1</b>	<b>240</b>

conducted		
Training Program on	07-Aug-2017 3	100
Conducted a Seminar on	17-Aug-2017 1	150
Online FDP for faculties on	14-Sep-2017 1	60
Development Programme on	21-Sep-2017 1	400
Seminar on	22-Sep-2017 1	300
Techno quiz	26-Aug-2017 1	60
Two day National level workshop on	22-Aug-2017 2	100
One day workshop on	24-Aug-2017 1	60
One day National Level Workshop on	22-Sep-2017 1	60
<a href="#">View File</a>		

**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	2018 0	0
No Files Uploaded !!!				

<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	3
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	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No

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

To establish robotics lab to enhance the interest among the students.

To develop RD activities

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

To increase the NSS activities for the holistic development of students

? To introduce portal learning for students to learn course materials and to view videos etc

[View File](#)

**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.	achieved
To establish robotics lab	achieved
To develop R&D activities	achieved
<a href="#">View File</a>	

**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
Governing Council	04-Feb-2018

**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

<p>If yes, give a brief description and a list of modules currently operational (maximum 500 words)</p>	<p>A Management Information System (MIS) is a computer system consisting of hardware and software that serves as the backbone of an organization's operation. Learning material prepared by subject handling faculty members is verified by the HOD and is uploaded in the Kings Portal regularly for student's reference. Each student has a unique login and students can avail the softcopy of the study material through internet. Enterprise source 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.,
- Our teaching Faculties are assigned with a task of mentoring 15 students related to academic and personal issues to strengthen the bonding between teachers and students which leads a better learning atmosphere and also to withstand their performance.
- 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	0	19/07/2017	10	Employability	Technical
BEC Certified Basic English Language Course	0	05/03/2018	1	Employability	Communication
Python programming	0	04/12/2017	7	Employability	Technical
PHP MySQL	0	04/12/2017	10	Employability	Technical
Cryptology	0	19/06/2017	5	Employability	Technical
LINUX	0	19/06/2017	3	Employability	Technical
C,C Spoken Tutorial	0	03/01/2018	30	Employability	Technical
Java Spoken Tutorial	0	03/01/2018	30	Employability	Technical
NET	0	04/12/2017	30	Employability	Technical
Design and fabrication of PCB	0	04/12/2017	30	Employability	Technical
Integrated development program with ARDUINO Platform	0	04/12/2017	7	Employability	Technical
NPTEL	0	22/01/2018	12	Employability	Technical
ANSYS	0	19/06/2017	10	Employability	Technical
CATIA	0	19/06/2017	10	Employability	Technical

## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
ME	Computer science and Engineering	01/08/2017
<a href="#">View File</a>		

### 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
BE	CSE	01/08/2017
BE	ECE	01/08/2018
BE	IT	01/08/2018
BE	ECE	01/08/2018
ME	CSE	01/08/2018

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

	Certificate	Diploma Course
Number of Students	852	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	05/03/2018	218
Aptitude training Programme	04/12/2018	170
Placement Training	19/06/2017	172
Soft skill Training	04/12/2018	170
web development	19/06/2017	136
<a href="#">View File</a>		

### 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	CSE	50
BE	ECE	50
BE	IT	15
BE	MECH	20
No file uploaded.		

## 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	CSE	120	91	78
BE	ECE	120	89	74
BE	IT	60	55	42
BE	MECH	60	78	62
ME	CSE	18	12	6

[View File](#)

### 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
2017	262	6	100	3	3

### 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
103	103	5	24	4	3

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



**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. 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
852	103	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
99	103	Nill	103	18

**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
2018	Mr.P.Muthukumarasamy	Assistant Professor	Class A proficiency award - E-Yantra
2018	Dr.R.Dinesh Kumar	Associate Professor	Young Scientist Award - All India Youth Association
2018	Mrs.A.R.Venmathi	Associate Professor	Class A proficiency award - E-Yantra
2018	Mr.R.Raghuraman	Assistant Professor	Innovator Award, DLK Technologies
2018	Mrs.Rathi	Assistant Professor	Outstanding Project Award, DLK Technologies
2018	Mr.Veeraraghavan	Assistant	Young Engineer

		Professor	Award,DLK Technologies
2018	Dr.D.C.Jullie Josephine	Professor	Distinguished HOD ,V3TechServDelivery Partner of HPE
2018	Mrs.J.Jinu Sophia	Assistant Professor	Best Counsellor,B rainSwig Edutech pvt ltd, (Approved by ministry of corporation affairs)
2018	Mrs.D.Sterlin Rani	Assistant Professor	,Best Placement OrganisatorWisetech source private limited chennai
<a href="#">View File</a>			

## 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	104	ODD /2017	24/11/2017	29/12/2017
BE	104	EVEN/2018	01/06/2018	29/06/2018
BE	106	ODD /2017	24/11/2017	28/12/2017
BE	106	EVEN/2018	01/06/2018	29/06/2018
BE	205	ODD /2017	24/11/2017	28/12/2017
BE	205	EVEN/2018	01/06/2018	29/06/2018
BE	114	ODD /2017	24/11/2017	29/12/2017
BE	114	EVEN/2018	01/06/2018	29/06/2018
ME	405	ODD /2017	24/11/2017	29/01/2018
ME	405	EVEN/2018	01/06/2018	29/06/2018
<a href="#">View File</a>				

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](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
114	BE	MECH	44	33	75
205	BE	IT	17	16	93.75
106	BE	ECE	57	52	91.22
104	BE	CSE	51	48	94.11

[View File](#)

## 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-17-18.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
Students Research Projects (Other than compulsory by the University)	17-18	Entrepreneurship Development Cell (EDC)	80000	80000
Students Research Projects (Other than compulsory by the University)	17-18	LIMAX ENTERPRISES PVT LTD	32780	32780
Students Research Projects (Other than compulsory by the University)	17-18	VOL TECH	23500	23500
Industry sponsored Projects	17-18	Codebind Technologies	95000	95000
Interdisciplinary Projects	17-18	Krapes Solutions	80000	80000
Minor Projects	17-18	Chase Research and Development solutions	64000	64000
Major Projects	17-18	Hozanna Technologies	75000	75000
<a href="#">View File</a>				

**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 "Persuasive Research Promotion Strategies"	CSE, IT, ECE, MECH	25/11/2017
One day workshop on "Optimization Technique"	CSE, IT	24/08/2017
Seminar on "Business Intelligence"	CSE, IT	17/08/2017
Workshop on "Internet of Things"	CSE, IT	03/08/2017
Training Program on "Big	CSE, IT	07/08/2017

Data Analytics"		
ROBO-ZEST18	ECE	23/01/2018
One day workshop on Frame design and motion analysis	MECH	23/01/2018
AUTODESK FUSION 360	MECH	24/10/2017

### 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
Class A proficiency award	Mr.P.Muthukum arasamy	M/s Averzs Technologies, Research and Development	09/02/2017	Class A proficiency award
<a href="#">View File</a>				

### 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	4
IT	Nil
ECE	1
MECH	1
SH	7

#### 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	37	0.1
<a href="#">View File</a>			

#### 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	166
<a href="#">View File</a>	

#### 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
Cross-Layer Based Error Control Technique for WSN with Modified Relay Node Selection and Corruption Aware Method	M. Parameswari and T. Sasilatha	Wireless Personal Communications, Springer	2018	2	KEC	2
<a href="#">View File</a>						

### 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
<b>No Data Entered/Not Applicable !!!</b>						
No file uploaded.						

### 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	166
<a href="#">View File</a>				

## 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
Village park cleaning	Panchayat union middle School, Pennalur Sriperumpudhur	5	50
Tree Plantation	Pennalur	5	50
Eye camp	Sankara Eye Hospital	5	50
Sports day	Panchayat union middle School,	5	62

	Pennalur Sriperumpudhur		
School Cleaning	Panchyat union middle School, Pennalur Sriperumpudhur	5	45
School students awareness programe	Panchyat union middle School, Pennalur Sriperumpudhur	7	50
womens day	Kings Engineering College	5	50
<a href="#">View File</a>			

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 YRC	KEC	VILLAGE PARK CLEANING	5	50
NSS YRC	KEC	ROAD SAFETY AWARENESS	5	50
NSS YRC	KEC	Science Day	5	50
NSS YRC	KEC	Public Awareness	5	50
NSS YRC	KEC	Campus Cleaning	5	50
NSS YRC	KEC	Swachh Bharat	5	50
NSS YRC	Pfizer Health care India Pvt. Ltd.	SCIENCE EXHIBITION	5	60
<a href="#">View File</a>				

### 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
Intership	V.Kumaran	Self	2017
Intership	S.Siva Karthikeyan	self	2017
Intership	Beniel	Self	2017
Intership	A.Arul Nayagam	Self	2017

Internship	R. C.Kijral	Self	2017
Internship	Mohammed Sultan	Self	2017
Internship	V. Yoganush	Self	2017
Internship	S.Yogesh	Self	2017
Internship	R. Sairam	Self	2017

[View File](#)

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	Ennore Power Plant	13/04/2018	13/04/2018	70
Training	Industrial Visit	NSIC, Ekka duthangal	22/09/2017	22/09/2017	70
Training	Industrial Visit	INTEGRAL COACH FACTORY	13/02/2018	13/02/2018	80
Training	Industrial Visit	BSNL (MEENA MBACKAM)	10/11/2018	10/11/2018	50
Training	Industrial Visit	ISRO-SRIHARIKOTA	17/10/2017	17/10/2017	50
Training	Industrial Visit	DOORDARSHAN KENDRA, CHENNAI	30/08/2017	30/08/2017	80
Training	Industrial Visit	NSIC	22/09/2017	22/09/2018	80
Training	Industrial Visit	DOORDARSHAN KENDRA	23/08/2017	23/08/2017	90
Training	Industrial Visit	IRCTC	27/03/2018	27/03/2018	90
Training	Industrial Visit	BSNL RTTC	07/08/2017	08/08/2017	100

[View File](#)

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
M/s BestMach	10/11/2017	Internship, project training, Workshop	85



AVERZS Technologies	07/07/2017	Internship, project training	60
Excellent NDT Technologist	11/11/2017	Internship, project training	40
Vee Eee Technologies Solution Pvt. Ltd	04/10/2017	Internship, project training	60
Ceecons Process Technologies Private Limited	15/10/2017	Internship, project training	60
Sri Design CAD Technologies	20/03/2017	Internship, project training	60
Dynatherm Alloys Private Limited	15/03/2017	Internship, project training	50
IP Rings (P)Ltd	25/04/2017	Internship, project training	60
Precision Machines Auto Components (P) Ltd	08/10/2017	Hands on Workshop	50
<a href="#">View File</a>			

#### **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
7000000	6647625

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

##### **4.2 – Library as a Learning Resource**

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

Name of the ILMS	Nature of automation (fully	Version	Year of automation
------------------	-----------------------------	---------	--------------------

software	or partially)		
<b>Kingslib</b>	<b>Fully</b>	<b>1.0</b>	<b>2012</b>

#### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
	<b>Text Books</b>	<b>25900</b>	<b>10360000</b>	<b>1500</b>	<b>600000</b>	<b>27400</b>
<b>Reference Books</b>	<b>575</b>	<b>230000</b>	<b>25</b>	<b>40000</b>	<b>600</b>	<b>270000</b>
<b>e-Journals</b>	<b>169</b>	<b>439322</b>	<b>14</b>	<b>105643</b>	<b>183</b>	<b>544965</b>
<b>Others(s pecify)</b>	<b>609</b>	<b>38551</b>	<b>266</b>	<b>5199</b>	<b>875</b>	<b>43750</b>
<b>CD &amp; Video</b>	<b>150</b>	<b>19000</b>	<b>50</b>	<b>11000</b>	<b>200</b>	<b>30000</b>

[View File](#)

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
<b>No Data Entered/Not Applicable !!!</b>			
<b>No file uploaded.</b>			

#### 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
<b>Existing</b>	<b>400</b>	<b>11</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>12</b>	<b>20</b>	<b>10</b>	<b>0</b>
<b>Added</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>22</b>	<b>0</b>
<b>Total</b>	<b>900</b>	<b>11</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>12</b>	<b>20</b>	<b>32</b>	<b>0</b>

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

<b>32 MBPS/ GBPS</b>
----------------------

##### 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
<b>kings students portal</b>	<a href="http://www.kingsedu.ac.in:8000/#!/login">http://www.kingsedu.ac.in:8000/#!/login</a>

#### 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
10000000	10394360	16598000	18749112

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. 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 Equipment's:- 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. • 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

<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
Financial Support from institution	Meritorious Scholarship	69	9868000
Financial Support from Other Sources			
a) National	Post Metric Scholarship, BC/MBC Scholarship, Minority Scholarship	637	14824300
b) International	0	Nil	0
<a href="#">View File</a>			

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	07/03/2017	586	King Makers IAS Academy, IMPEL overseas
Career counselling	14/03/2018	567	Jamboree, Infosys Ltd, SI UK Educational council
Soft skill development,	13/06/2018	167	BEC
Remedial coaching,	07/08/2018	95	KEC Staffs
Language lab,	07/06/2018	285	KEC Staffs
Bridge courses,	15/08/2018	268	KEC Staffs
Personal Counselling and Mentoring	01/06/2018	268	KEC Staffs
<a href="#">View File</a>			

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
2017	Guidance for competitive examinations and Career counselling	586	567	Nil	120
<a href="#">View File</a>					

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
15	150	118	2	34	5
<a href="#">View File</a>					

### 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	CSE	CSE	RAJALAKSHMI ENGINEERING COLLEGE	M.E. (CSE)
2017	1	CSE	CSE	KINGS ENGINEERING COLLEGE OF ENGINEERING	M.E. (CSE)
2017	1	CSE	CSE	KARPGA VINAYAGA COLLEGE OF ENGG AND TECH	M.E. (CSE)
2018	4	ECE	ECE	KARPGA VINAYAGA COLLEGE OF ENGG AND TECH	.E COMMUNICATION
2018	1	ECE	ECE	ST.JOSEPH COLLEGE OF ENGINEERING	M.E APPLIED ELECTRONICS
2018	1	ECE	ECE	A.C TECH , KARAICAL	M.E OPTICAL COMMUNICATION
2018	1	ECE	ECE	COLLEGE OF ENGINEERING , GUINDY	M.E VLSI DESIGN
<a href="#">View File</a>					

### 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
GATE	Nil
GMAT	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
<a href="#">View File</a>		

### 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
2017	II Place	National	1	1	NA	NA
2018	II Place	National	1	1	NA	NA
2017	I PLACE	National	1	1	NA	NA
2018	III PLACE	National	1	1	NA	NA
2017	II PLACE	National	6	Nil	NA	NA
2018	III PLACE	National	10	1	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. S.NO. COMMITTEES CSE IT ECE SH 1 GOVERNING COUNCIL --- --- --- --- 2 ACADEMIC COUNCIL --- --- --- --- 3 PROGRAMMEE COORDINATION COMMITTEE Ms.CELIN GOLDA BLESSLINE ANNIE P BHUVANESH A Mr.JITENDAR PATEL 4 ENTREPRENEURSHIP DEVELOPMENT CELL Mr.KAVIARASAN VIJAYALAKSHMI.S JOSHUA ARPUTHARAJ J Mr.JOEL LAZ VIMALSON J 5 RESEARCH DEVELOPMENT COMMITTE Mr.DEIVAKUMAR JOHN HAWA S CHRISTINA P Ms.INDERA SALIL BHARATI 6 PHYSICAL EDUCATION Mr.SHELTON PRASANNA KUMAR M STAINS MOSES K Ms.SHIJI B 7 CULTURAL COMMITTEE Mr.SHINY ANABEL BENITTA K JOICE AMALRAJ Ms.JANICE AUSTIN 8 NSS COMMITTEE Mr. BENNY FRANKLIN MANISHKUMAR.D STEPHAN DANIEL S Mr.GIFTSON DANIEL B 9 CHOIR COMMITTEE Mr.VICTOR JESURAJ.X JEBINA PRISCILLA B Ms.CHRISEEDA SHINNY P 10 ALUMNI ASSOCIATION COMMITTEE Mr.JOSE PRAKASH JOSHINI MARTINA A SACHIN RAJ A Mr.JOSHE RAJ S P 11 IQAC Mr.ALLAN DONI AUSTIN EMMANUEL R PRITHVI CHANDER D Mr.CHRISKARIS C S 12 SEXUALHARASSMENT Ms.KEERTHANA VENKAT DURGA.K STELBA P S Ms.DARCUS ANGELINE PETER 13 GRIEVANCE REDRESSAL CELL Mr.KANNAN VASANTH KUMAR G STAID SAM S Mr.JEFFERSON SAMUEL J 14 ANTI-RAGGING SQAD Ms.BRISKILLA EVELIN ARULMARY S BALASUBRAMANIAN M Mr.SHELTON A 15 WOMAN WELFARE COMMITTEE Ms.ATHISTALAKSHMI SWATHI SUJA.J SHALINI M Ms.JELCY EVANGELIN A 16 INNOVATIVE CELL Mr.PREM KUMAR SAMUKTHA S ASHWIN A Ms .JANANI SELVI M 17 DISCIPLINE COMMITTEE Ms.ROSHINI GOWTHAM.D JAYASHRI R Mr.JENISH F 18 STUDENT COUNCIL Mr.KAVIARASAN VIJAYALAKSHMI.S JOSHUA ARPUTHARAJ J Mr.JOEL LAZ VIMALSON J

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

172

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

86600

5.4.4 – Meetings/activities organized by Alumni Association :

Meeting 1 : 15.08.2017 / Organized by KEC Alumni Association Meeting 2 : 26.01.2018 / 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)

Practice 1: Committees: The Institution is having various committees like: 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. IQAC does the planning and evaluation for quality assurance in the college and organizes meetings periodically throughout the year. Most of the committees comprise of

teachers, and many committees include non-teaching Staff and students as well. Committee gets the suggestions and feedbacks from its members and considers for further actions. A report of activities is prepared by each committee at the end of every academic year. Practice 2: Mentoring: Mentoring system is implemented with 20 students to each Faculty member to produce quality technocrats by giving the focused attention on individual student on various social, mental and societal factors. Each and every Faculty maintains a complete record of students' profile. A schedule is made periodically for monitoring the students' attendance, academic performance, extra-curricular and co-curricular activities.

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	Curricular gaps are identified in the curriculum and intimated to the University for reframing of syllabus.
Teaching and Learning	All the faculty of the institution are encouraged to attend various programmes on pedagogy to update themselves in the contemporary and innovative methods of teaching. The widely used teaching and learning methods at the institution are lecture, group discussion, quiz, demonstration, case studies, tutorials, seminar, internship, projects, surveys, computer lab, simulation, field and factory visits, games and role play. Students are encouraged to take online courses offered by reputed institutes. In addition to classroom learning, aids like NPTEL, are also available for the students to facilitate learning.
Examination and Evaluation	The exam cell coordinator organizes the internal Assessment Tests, the University Examination • The question papers for the internal Assessment are set by the academic coordinators of the department. • The question papers for the end semester examinations are set by the Anna University. • The question papers of the internal Assessment are scrutinized by the Head of the department. • Steps are taken to ensure that the question papers conform to the standards of the Bloom's Taxonomy. • Evaluation of internal assessment is done based on the course outcomes to which it corresponds. • The corrected answer scripts are distributed to students by the faculty as per the schedule and discuss the answers for



	<p>the questions to students in the classroom. • Marks are entered in the College database, Anna university web portal for future reference and also in counselling records to investigate their performance regularly</p>
<p>Research and Development</p>	<p>The institution provides extensive opportunities to the faculty and students for research and development. Research Development Committee is formed to encourage and monitor the development activities in academic and sponsored research. The responsibilities of R DC listed below.</p> <ul style="list-style-type: none"> <li>• Motivate Staff Student to involve in research activities.</li> <li>• Motivate staff / Students for paper presentation, article writing project work etc.</li> <li>• Motivate staff to publish the research paper in International Conference / Journal</li> <li>• Arrange lecture on Research methodologies to Staff / Students for creating research awareness</li> <li>Apply for Seminar Grants from AICTE and take projects from research organization like DRDO, DST, CSIR, ISRO etc. in all departments with the guidance of HODs</li> </ul>

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

E-governance area	Details
Planning and Development	Kings Portal
Administration	Kingsedu
Student Admission and Support	Kingsedu and KingsERP
Examination	Anna University Web Portal

### 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
2018	Mr.B.Vigneshwaran ,AP	Two days workshop on "e-yantra robotics workshop	nil	1500
2018	Mrs.A.R.Venmathi	Two days workshop on "e-yantra robotics workshop	nil	1500
2018	Mrs.Jainee Sharmila	Two days workshop on "e-yantra robotics workshop	nil	1500

2018	Mr.Muthukumar asamy	Two days workshop on "e- yantra robotics workshop	nil	1500
2018	Mr.P.Manigandan ,AP	One day National Seminar on Recent Trends in Manufacturing Technology	nil	300
2018	Mr.D.R.Denslin Brabin	"Medical Imaging for Health Care Assistance"	nil	500
2018	Mrs.Sheela Lavanya	Quantum COMputation And Cryptography	nil	650
2017	Mrs.J.Jainee Sharmila	"Introduction to Robotics"	nil	450
2017	Mr.G.Gnanakumar	Advances in Robotics and AI	nil	500
2017	Mr.AUGUSTIN, AP	PMO- IEDP	nil	350
<a href="#">View File</a>				

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)
2018	One day workshop on Frame design and motion analysis	nil	23/02/2018	23/02/2018	32	Nil
2017	One day workshop on Optimization technique	nil	24/08/2017	24/08/2018	14	Nil
2017	Training Program on "Big Data Analytics"	nil	07/08/2017	10/08/2017	40	Nil
2017	AUTODESK FUSION 360" dated	nil	24/10/2017	27/10/2017	30	Nil

	on was conducted by Mr. Mohammed Sherif.					
2017	Faculty development programme on Thermal Engineering	nil	20/11/2017	27/11/2017	14	Nil
2017	Workshop on "Internet of Things" was organized in association with CSI.	nil	03/08/2017	05/08/2017	22	3
2017	Training in Server Technologies(Griffin Education)	Training in Server Technologies(Griffin Education)	23/11/2017	30/11/2017	40	7
2018	Hands-on Training on Python(HP Technologies)	Hands-on Training on Python(HP Technologies)	14/05/2018	19/05/2018	38	7
2017	Embedded system design and real time applications	Embedded system design and real time applications	21/11/2017	28/11/2017	24	4
<a href="#">View File</a>						

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
Embedded system design and real time applications	24	21/11/2017	28/11/2017	7
Hands-on Training on Python(HP Technologies)	40	14/05/2018	19/05/2018	6

Training in Server Technologies(Griffin Education)	40	23/11/2017	30/11/2017	7
Faculty development programme on Thermal Engineering	14	20/11/2017	27/11/2017	7
AUTODESK FUSION 360" dated on was conduted by Mr.Mohammed Sherif.	20	24/10/2017	27/10/2017	2
Training Program on "Big Data Analytics"	40	07/08/2018	10/08/2018	4
ROBO-ZEST18	24	23/01/2018	24/01/2018	2
<a href="#">View File</a>				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
103	103	30	30

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>Teaching: • The Teaching staff members will be allowed as ON DUTY for the purpose of attending board meetings /Central valuation / External Examiner for practical examinations connected with university during the college working days. • Financial support by the Management to be part of the professional society. • On duty leave is given to the Faculty members to attend FDP, Workshop, conferences etc., • Free transport facilities are given to all Faculty members. • Financial support for publication of papers / research articles, FDP, Workshop, skill certification programmes. • Reward for</p>	<p>• Permission to pursue higher studies. • Granting Casual Leave, On Duty leave and Medical leave. • Free transport facilities. • Financial support for attending orientation programmes, workshops and conferences. • Training programmes are arranged to update their knowledge in the latest equipments and softwares. • Through various maintenance cells, several real maintenance / repair works are performed. This will enrich the knowledge and skill of the non-teaching Faculty members. • Special programme on safety precautions for all the drivers by the State owned Training Institute</p>	<p>• 100 Fee Concession 50 Fee Concession for low income group students. • Received grants through Government Schemes of Rs.16,77,850/- for Skill and Personality Development of SC/ST Students. • Students securing 100 attendance in an academic year are felicitated with prizes. • 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. • Free transport facility.</p>

producing University Ranks. • Cash awards and prizes for academic excellence / 100 pass percentage in Anna University exams. • On duty support for their higher studies including doctoral research.

#### 6.4 – Financial Management and Resource Mobilization

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

A complete budget requirement for every semester is well planned by the respective departments and the Institution. Another budget including infrastructure and maintenance of Institution is prepared by the Registrar in consultation with Transport Incharge, Hostel Warden, Electrician, Security Officer and House keeping Incharge. IQAC also initiated Lab Audits complying availability and working of equipments in the Lab. IQAC conducts internal audit to every department at the end of every semester and records the Quality Standards of every facilities and activities done in the department. IQAC also gives suggestions and plans for new developmental activities. At the end of every semester, the HOD and Faculty Incharge for department budget will submit the detailed inflow and expenditure of department budget and imreset cash amount expenditure to the Principal through IQAC.

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	86600	Laboratory Equipment, Saplings
No file uploaded.		

6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

#### 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	auditor	Yes	kec
Administrative	Yes	auditor	Yes	kec

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

• Providing valuable suggestion for development of the institution. • Communicating views which the students feel shy to communicate directly to the teachers about the college and the department. • Pointing out the weaknesses of the college related Departments and suggesting rectification. • Received Donations from parents for the development of the Institution.

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

1. Computer Training was given for office staff, so that they are able to handle the online admission and registration of students. 2. Open source

software training given to CSE IT non-teaching faculty. 3. Training given to library faculty in library software. 4. Training given to Office faculty in Tally Software. 5. Training given to computer faculty in BOSS operating System. 6. Training given to computer faculty in Linux operating System.

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.
- CSE and ECE programmes are accredited by NBA.
- Got permanent affiliation for IT and Mechanical Departments.
- PG programme for CSE was introduced.

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
2018	The 12th Graduation day of our graduates was conducted	02/03/2017	18/08/2017	24/08/2017	240
2017	Training Program on "Big Data Analytics" in association with CSI, trained our students. Mr. Vijay, CDAC, Chennai was the Chief Guest.	02/03/2017	07/08/2017	11/08/2017	100
2017	Conducted a Seminar on "Business Intelligence" in association with ISTE,. Ms. U. Pansy Juliet, Infosys Ltd, Chennai. was the Chief Guest of the event.	02/03/2017	17/08/2017	17/08/2017	150

2017	Online FDP for faculties on "Networking Simulation using NetSim Software" associated with ISTE, was conducted Mr.Rajesh, DELLSOFT Technologies Pvt.Ltd. was the chief guest .	02/03/2017	14/09/2017	14/09/2017	60
2017	Development Programme on "Success in your hand" in association with ICTACT, was organized and our Chief Guest Mr.R.Premana nd, Hindu group of Publications gave keywords on placement.	02/03/2017	21/09/2017	21/09/2017	60
2017	Development Programme on "Success in your hand" in association with ICTACT, was organized and our Chief Guest Mr.R.Premana nd, Hindu group of Publications gave keywords on placement.	02/03/2017	21/09/2017	21/09/2017	400
2017	eminar on "Training	02/03/2017	22/09/2017	22/09/2017	350

	the personality and confident level of our young girls". Ms.M aithiliDurge , Rexona Confidence Academy gave training about the personality and confidence for girls				
2017	Techno quiz - 2017 based on Engineering Event was conducted by Mrs. Rosemin Thanga Joy AP/ECE.	02/03/2017	28/08/2017	28/08/2017	60
2017	Two day National level workshop on "Embedded system design and real time applications" in association with IETE was conducted by Dr.S.Prabhakar, TOP ENGINEERS .	02/03/2017	22/08/2017	23/08/2017	100
<a href="#">View File</a>					

## 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 "Gender Sensitization"	08/01/2018	08/01/2018	235	200



Girls Hostel Day	03/02/2018	03/02/2018	34	4
Cultural day	09/02/2018	09/02/2018	125	100
Seminar on "Violence against women"	19/02/2018	19/02/2018	150	300
Sports Day	14/03/2018	14/03/2018	120	100
Group Discussion "Challenges and opportunities for gender equality"	16/03/2018	16/03/2018	45	56
Entrepreneurs hip Awareness Camp	03/07/2017	03/07/2017	100	100
Kings food carnival	19/07/2017	19/07/2017	35	43
Boys hostel day	29/07/2017	29/07/2017	2	50
Women's Day	03/08/2017	03/08/2017	304	57
Technokings'18	21/08/2017	21/08/2017	153	158

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
<p>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.</p>

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
Rest Rooms	Yes	Nil
Braille Software/facilities	No	Nil
Scribes for examination	No	Nil
Special skill development for differently abled	No	Nil

students		
Any other similar facility	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
2017	1	1	14/08/2017	6	Seed ball preparation Plantation	environment	85
2017	1	1	15/08/2017	1	Independence Day celebration	Independence Day celebration	60
2018	1	1	26/01/2018	1	Republic day celebration	societal	85
2018	1	1	27/02/2018	1	Tree Plantation in Pennalur Govt School	environment	20
2018	1	1	22/02/2018	1	Blood Camp	nss	45
2018	1	1	02/03/2018	1	Campus Cleaning in Pennalur Govt. School	cleanliness	50
2018	1	1	03/03/2018	1	Computer Training Programme for 6th to 8th students of Pennalur Govt. School	technology	30
2018	1	1	10/03/2018	1	One day Computer Training Programme	technology	100

for  
primary  
and  
Middle  
School  
Teachers  
(Sriperum  
budur  
Block)

[View File](#)

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	26/06/2017	Reviewed and revised annually
Code of conduct - Student	26/06/2017	Reviewed and revised annually

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Seed ball preparation Plantation	14/08/2017	19/08/2017	85
Independence Day celebration	15/08/2017	15/08/2018	60
Republic day celebration	26/01/2018	26/01/2018	57
Tree Plantation in Pennalur Govt School	27/02/2018	27/02/2018	20
Blood Camp	22/02/2018	22/02/2018	45
Campus Cleaning in Pennalur Govt. School	02/03/2018	02/03/2018	50
Computer Training Programme for 6th to 8th students of Pennalur Govt. School	03/03/2018	03/03/2018	30
One day Computer Training Programme for primary and Middle School Teachers (Sriperumbudur Block)	10/03/2018	10/03/2018	100
Cancer Awareness Programme in Pennalur village	23/03/2018	23/03/2018	50

[View File](#)

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

1. Title of the Practices: Special Courses 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. The Context Special Course enables 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. Special course to students is to make them updated with the industrial technologies. 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), UK's 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. Best Practice 2 1. Title of the Practices: NPTEL Course 2. Objectives of the Practice: The objectives of enabling students obtain certificates for a course is to make students employable in the industry or pursue a suitable higher education Programme. NPTEL has embarked on an initiative called NPTEL Industry Associate to bridge the gap with the industry wherein they can co-offer courses in their area of expertise, conduct workshops for NPTEL certified students in niche domains, offer internships, jobs, etc. Course toppers are provided an opportunity to take internship with industry 3.

The Context The National Programme on Technology Enhanced Learning (NPTEL) was initiated by seven Indian Institutes of Technology (Bombay, Delhi, Kanpur, Kharagpur, Madras, Guwahati and Roorkee) along with the Indian Institute of Science, Bangalore. Five core disciplines were identified, namely, civil engineering, computer science and engineering, electrical engineering, electronics and communication engineering and mechanical engineering and 235 courses in web/video format were developed in this phase. NPTEL is a great Learning platform to get tutored by the professors from Leading Institutes. Students doing this course get an opportunity to explore new areas of interest - which are not possible in regular college environment. Also gives students the opportunity to learn in greater depth the subjects they wish to master. 4. The Practice Students register in NPTEL Courses and whenever they find time they attend the course online, complete their assignments within the due date and they register for exam if they are interested to get certificate of award on completing the course. By doing this online course, enables the student to directly engage and learn that particular subject. This strengthens the fundamentals of the student in the course. These courses also bring out the self-learning initiative of the students - where their own motivation is what drives them to complete the course and not external compulsions. This fosters the habit of keeping oneself updated always by means of self-study 5. Evidence of Success Students who take up these courses become strong with their fundamentals and they get motivated to learn concepts by themselves and keep them updated with the concepts. It also helped them in clearing their technical interviews, Competitive exams for their higher studies and employment. 6. Problems Encountered and Resources Required Problems that we counter in this is, Students should watch the lectures and submit assignments in the first two weeks, only then registration in the course will be confirmed. If students do not login to the portal and submit assignments in the first week. Students who failed to do so, their registration was cancelled. Another major problem was some students were not able to take up their exam for certificates due to some personal issues. Many students encounter serious challenges that prevent them from completing their courses successfully.

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](http://www.kingsedu.ac.in/inst_dist.pdf)

### **8.Future Plans of Actions for Next Academic Year**

The future plans were made based on the vision and the mission of the institution. Specific plans for implementation in align with the academic and non-academic aspects improves the overall quality of academics and administration. The plans derived from vision and mission of the college are, 1. Aiming for various Recognitions and Accreditations. 2. Developing the infrastructure. 3. Enhancing the Research and Development Activities and Creating Centers of Excellence. 4. Enriching the quality of Teaching and Learning. 5. Introducing new courses. 6. Ensuring individual care to the students through mentoring. 7. Imparting values of entrepreneurship and lifelong learning. 8. Improving the Placements. 9. Inculcating the values of social commitment, and environmental consciousness by conducting social outreach activities.