Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**KINGS COLLEGE OF ENGINEERING**
Name of the head of the Institution	**Dr.J. ARPUTHA VIJAYA SELVI**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**918248822406**
Mobile no.	**9442590002**
Registered Email	**principal@kingsindia.net**
Alternate Email	**principal@kingsengg.edu.in**
Address	**Punalkulam, Gandarvakottai (Tk.),**
City/Town	**Pudukottai (Dt.)**
State/UT	**Tamil Nadu**
Pincode	**613303**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**K.ABHIRAMI**
Phone no/Alternate Phone no.	**919841013972**
Mobile no.	**9994009464**
Registered Email	**abhirami.cse@kingsengg.edu.in**
Alternate Email	**iqac@kingsengg.edu.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://kingsengg.edu.in/IQAC_File/AQAR-1718.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://kingsengg.edu.in/events_report/AcademicCalendar(2018-19ODD)-Iyear-Final.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**2.27**	**2016**	**19-Sep-2016**	**15-Sep-2021**

6. Date of Establishment of IQAC	**22-Jan-2015**

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
Launch of Programme Advisory Committee	**14-Dec-2018** **3**	**120**

Launch of Competency Development Classes	05-Jul-2018 1	1153	
Collaboration with NITT, under AICTE Margdarshan Scheme	01-Dec-2018 6	1287	
ISO Internal Audit	14-Nov-2018 7	120	
ISO 9001:2015 regulation training session	15-Nov-2018 2	26	
	View File		

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
Principal, KCE	AICTE PMKVY TI Scheme	AICTE	2019 6	2560200
Dr. S. Sivakumar, Professor/EEE	AQIS scheme towards establishment of Skill and Personality Development Programme Centre	AICTE	2019 6	1445000
	View File			

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 :	**8**
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)	

Launch of Programme Advisory Committee comprising external composition resulting in networking with academic experts, Industrialists and Alumni members
Promotion of MOOC certification, courses among students and staff members
Competency Development Classes for II, III and IV year students enriched students with technical and employability skills
Project domain specific industrial training was mandated for IV year students, thereby helped final year students to widen expertise and gain industrial knowledge
Professional and Career Enhancement (PCE) skills for courses widened student centric learning experiences

[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
Academic Target and Attainment Analysis	Progression in overall activities for the year
Strengthening Academic Collaborations	Networking with NITT experts and Industrial experts
Enhanced approaches in Teaching and Learning	Student Centric Activities promoted active learning
Strengthening of Faculty Enrichment activities	ICT mode learning promoted interaction with higher learning institutes
Promotion of ICT in Teaching and Learning Process	IITB FOSS certifications, Virtual Lab sessions was organized
Promotion of Innovation and Creativity among students and staffs	Launch of Institute Innovation Council, Participation in State and National Level Project contests, events
Promotion of Research Culture	Research and Development activities progression
[View File](#)	

14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Staff Council Meeting and IQAC team	09-Aug-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to	No

assess the functioning ?	
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2019**
Date of Submission	**11-Jan-2019**
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**Edumate is the ERP solution that supports the academic operations of the institution. Edumate is an enhanced ERP that automates the institute's academic operations that starts from student admission to graduation. An educational institute is a place where the management, students, parents, faculty and other staff members are identified as stakeholders. Edumate supports academic activities related to student attendance, academic schedule, assessment grades, courses, lessons, grading, weighted assignments, exam schedules etc. Finance module automates the accounting and financial operations. Student enrolment at the ERP starts at the stage of admission. Every student is given a unique Edumate ID. Student profile is created during admission into I year. Faculty profile is maintained departmentwise and profile entry is made during staff joining the institution. Prior to every semester commencement, Configuration team works in defining timetable, subjectstaff allocation, lab batch allocation, namelist. Provision for customized internal examination system and mark allocation, inclusion of classes in addition to regular courses are features of the ERP. ECircular and notifications at the dashboard helps faculty to get updations on regular activities. Reports pertaining to periodical attendance, syllabus coverage status, internal assessment reports, university results etc supports suitable followup and tracking of activities. Reports supports Anna University webportal entry (monthly attendance and assessment marks). EDUMATE is a complete solution that automates the academic activities in a**

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

Being an affiliated Institution, curriculum and academic schedule as prescribed by Anna University is followed. However, semesterwise course delivery is scrupulously planned for its effective implementation. Curriculum realization is made effectively by competent faculty members imbibing interactive student centred learning. Insisting the following attributes, curriculum implementation strategies are set. • Enhanced Teaching and Learning approaches • Skill enrichment practices • Periodical Evaluation & Follow-up towards advancements. Institution has devised a systematic procedure for curriculum implementation. Overall planning, guidelines are provided by the Head of the institution with suitable directions to the concerned activity coordinator / in- charges. Department level planning for the delivery of the courses will be made by the faculty under the guidance of Head of the Department. • Staff council meeting examines and confirms the operational strategies to be followed. Minutes of SCM is disseminated during DRM. Time-Table committee derives schedule for courses in-adherence to the credits and institutional value addition hours. HODs verify academic flow of the courses periodically. Interactive class room practices pave way for active student learning. • Planning and preparatory works are carried out well ahead to semester commencement includes: subject allocation based on competency & willingness, time-table preparation, course plan that serves as the complete layout for the course delivery, preparation of learning materials, curriculum enrichment initiatives, Orientation and Bridge course etc. • With reference to Anna University Academic Schedule and Web Portal Entry period, Academic Calendar is prepared and circulated before commencement of every semester. • Course plan structure entitles flow for the course (both theory and lab), ensures an organized delivery and assessment. Faculty members follow the course plan during the delivery of the course and thereby keep up to the standards and procedures. • Readiness of E-material, Question bank and Lab manuals are ensured before the semester commencement. • State of the art Infra-structural facilities effectively supplements and motivates enhanced learning environment. • ICT enabled like sessions on NPTEL, Lecture Video sessions promotes video based delivery by eminent experts from the institute of repute. Resource persons from Industries and various Organizations are invited regularly to enrich learning. • Central Library provides Students and Faculty with necessary resources for learning. Internet facility and Wi-Fi zone augments the information source. • Faculties are encouraged and supported to attend various programmes to update their knowledge on emerging trends. • Keeping in mind the various parameters to be met during the implementation of the curriculum as stated, desired emphasis during the delivery is taken care. Periodical Verifications, Review, Academic audits, Meetings are conducted at every stages of curriculum delivery and transaction stages. • The Institutions ensures/analyzes the fulfillment of stated objectives periodically and takes steps for improvement. Engaging in effective curriculum delivery and creating authentic measures of student learning helps faculty and departments create opportunities for deep learning.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepene	Skill Development

Java Programming- III Yr (42)	Nil	02/07/2018	15	Nil	Skill Development
GATE coaching - III Yr (42)	Nil	02/07/2018	15	Employabil ity	Nil
DM – Data Mining- IV Yr (55)	Nil	02/07/2018	15	Nil	Skill Development
ES – Embedded System-IV Yr	Nil	02/07/2018	15	Nil	Skill Development
NS2 – Network Simulator 2- IV Yr	Nil	02/07/2018	15	Nil	Skill Development
Python Programming- IV Yr	Nil	02/07/2018	15	Nil	Skill Development
Communicat ion Presentation Skills- III Yr (42)	Nil	02/07/2018	15	Employabil ity	Nil
Java Programming- IV Yr	Nil	19/12/2018	15	Nil	Skill Development
GATE coaching- III Yr (40)	Nil	19/12/2018	15	Employabil ity	Nil
Communicat ion Presentation Skills- III Yr (40)	Nil	19/12/2018	15	Employabil ity	Nil
Python Programming- IV Yr (25)	Nil	21/12/2018	30	Nil	Skill Development
Web Designing- IV Yr (30)	Nil	21/12/2018	30	Nil	Skill Development
PHP and MySQL – IV yr- 40	Nil	02/01/2019	30	Nil	Skill Development
Python – III yr - 38	Nil	02/01/2019	30	Nil	Skill Development
Linux – II yr- 41	Nil	02/01/2019	30	Nil	Skill Development
C, C Programming	Nil	02/07/2018	15	Nil	SKILL DEVELOPMENT

-IV Yr (35)					
Interview skills-IV Yr (35)	Nil	02/07/2018	15	EMPLOYABIL ITY	Nil
PCB layout -IV Yr (45)	Nil	02/07/2018	15	Nil	Skill Development
Swayam Course on " A brief Introduction to Micro Sensors"-IV Yr (35)	Nil	02/07/2018	15	Nil	Skill Development
Swayam course on " An Introduction to linear Block Codes" -III Yr (13)	Nil	02/07/2018	15	Nil	Skill Development
Swayam course on " An Introduction to linear Block Codes" -II Yr (08)	Nil	02/07/2018	15	Nil	Skill Development
GATE coaching -IV Yr (35)	Nil	02/07/2018	15	Employabil ity	Nil
GATE coaching -III Yr (12)	Nil	02/07/2018	15	Employabil ity	Nil
Lab view (12)-III Yr	Nil	02/07/2018	15	Nil	Skill Development
IEI/IETE (12)- III Yr	Nil	02/07/2018	15	Nil	Skill Development
MHRD sponsored IIT Bombay c ertification course on "LINUX" (II Yr) (49)	Nil	02/01/2019	30	Nil	Skill Development
MHRD sponsored IIT Bombay c ertification course on "SCILAB" (III Yr) (55)	Nil	02/01/2019	30	Nil	Skill Development
MHRD	Nil	02/01/2019	30	Nil	Skill

sponsored IIT Bombay certification course on "LATEX" (IV Yr) (91)					Development
GATE coaching - III Yr (15)	Nil	19/12/2018	15	Nil	Skill Development
GATE coaching - IV Yr (22)	Nil	19/12/2018	15	Nil	Skill Development
Swayam course on " Biomedical Signal Processing"- III Yr (15)	Nil	19/12/2018	15	Nil	Skill Development
MCC on "System Design Using Embedded C Programming"(44)-IV Yr	Nil	19/12/2018	30	Nil	Skill Development
MCC on "CCTV Installation And Servicing"-IV Yr(47)	Nil	19/12/2018	30	Nil	Skill Development
Programming in C- IV Yr-49	Nil	02/07/2018	15	Nil	Skill Development
Communication Skills - IV Yr-49	Nil	02/07/2018	15	Employability	Nil
Programming in C- III Yr-14	Nil	02/07/2018	15	Nil	Skill Development
Communication Skills - III Yr-14	Nil	02/07/2018	15	Nil	Skill Development
Basics in Electrical Electronics Engineering - III Yr-14	Nil	02/07/2018	30	Nil	Skill Development
MHRD sponsored IIT Bombay certification course on	Nil	02/07/2018	30	Nil	Skill Development

"LATEX" (III Yr) – 13					
MHRD sponsored IIT Bombay certification course on "OSCAD" (IV Yr) - 40	Nil	02/07/2018	30	Nil	Skill Development
MCC on Solar Panel Installation – IV Yr - 48	Nil	20/12/2018	30	Nil	Skill Development
GATE Coaching - III Yr-13	Nil	21/12/2018	15	Nil	Skill Development
MHRD sponsored IIT Bombay certification course on "SCILAB" (II Yr) – 15	Nil	02/07/2018	30	Nil	Skill Development
MHRD sponsored IIT Bombay certification course on "OSCAD" (III Yr) - 13	Nil	02/07/2018	30	Nil	Skill Development
MHRD sponsored IIT Bombay certification course on "LATEX" (IV Yr) - 40	Nil	02/07/2018	30	Nil	Skill Development
CDC 1 - GATE Coaching – III year (92)	Nil	02/07/2018	30	Nil	Skill Development
CDC 2 - Language Improvement Skills III year (92)	Nil	02/07/2018	15	Nil	Skill Development
CDC 3 - Recent Advances in Mechanical Engineering III year (92)	Nil	02/07/2018	15	Nil	Skill Development

CDC 4 - Basic Calculations in Machine Design` III year (92)	Nil	02/07/2018	30	Nil	Skill Development
CDC 1 - Drawing Reading Skills IV Year (121)	Nil	02/07/2018	15	Nil	Skill Development
CDC 2 - Aptitude Skill Training IV Year (121)	Nil	02/07/2018	30	Nil	Skill Development
CDC 3 - GATE coaching IV Year (121)	Nil	02/07/2018	30	Nil	Skill Development
CDC 4 - Language Improvement Skills IV Year (121)	Nil	02/07/2018	15	Nil	Skill Development
CDC 1 - GATE Coaching III Year (88)	Nil	19/12/2018	15	Nil	Skill Development
CDC 2 - Recent Trends In Mechanical Engineering III Year (88)	Nil	19/12/2018	15	Nil	Skill Development
MCC – Non destructive testing and evaluation IV year (119)	Nil	19/12/2018	30	Nil	Skill Development
MHRD sponsored IIT Bombay certification course on "LATEX" (IV Yr) - 119	Nil	02/01/2019	30	Nil	Skill Development
UHV –Module I	Nil	15/09/2018	30	Nil	Skill Development
MHRD sponsored	Nil	02/01/2019	30	Nil	Skill Development

IIT Bombay certification course on "QCAD" (II Yr) (33)					
MHRD sponsored IIT Bombay certification course on "INKSCAPE" (III Yr) (38)	Nil	02/01/2019	30	Nil	Skill Development
MHRD sponsored IIT Bombay certification course on "LATEX" (IV Yr) (105)	Nil	02/01/2019	30	Nil	Skill Development
Training Placement -Soft Skills - II Yr(216)	Nil	02/07/2018	32	Employability	Nil
Training Placement - Soft Skills Aptitude -III Yr(257)	Nil	02/07/2018	40	Employability	Nil
Training Placement -Softskills Aptitude - IV Yr(425)	Nil	02/07/2018	42	Employability	Nil
Swayam course - II Yr GPS Surveying (11)	Nil	02/07/2018	15	Nil	Skill Development
Swayam course - II Yr Earth sciences for Civil Engineering : Part I II (12)	Nil	02/07/2018	15	Nil	Skill Development
Swayam course - II Yr Advanced Concrete Technology (10)	Nil	02/07/2018	15	Nil	Skill Development
Swayam	Nil	02/07/2018	15	Nil	Skill

course - II Yr Reinforced Concrete Road Bridges (9)					Development
Basic Technical Concepts of Civil Engineering - II Yr (42)	Nil	02/07/2018	15	Nil	Skill Development
Communication skills- III yr (58)	Nil	02/07/2018	15	Nil	Skill Development
GATE coaching-III yr (58)	Nil	02/07/2018	15	Nil	Skill Development
Valuation and Approval process -III yr (58)	Nil	02/07/2018	15	Nil	Skill Development
Job opportunities in Civil Engineering -III yr (58)	Nil	02/07/2018	15	Nil	Skill Development
Preparation for Competitive Exams -III yr (58)	Nil	02/07/2018	15	Nil	Skill Development
Valuation and approval process-IV Yr (109)	Nil	02/07/2018	15	Nil	Skill Development
Basic Technical Concepts of Civil Engineering -IV Yr (109)	Nil	02/07/2018	15	Nil	Skill Development
Communication skills -IV Yr (109)	Nil	02/07/2018	15	Nil	Skill Development
Site marking and related activities -IV Yr (109)	Nil	02/07/2018	15	Nil	Skill Development
Civil Engineering	Nil	02/07/2018	15	Nil	Skill Development

Measurements -IV Yr (109)					
MCC (Staad Pro) IV Yr (109)	Nil	19/12/2018	30	Nil	Skill Development
Object Oriented Programming - II Yr (48)	Nil	02/07/2018	15	Nil	Skill Development

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
ME	POWER ELECTRONICS AND DRIVES	02/07/2018
ME	VLSI	02/07/2018
ME	THERMAL ENGINEERING	02/07/2018
BE	CIVIL ENGINEERING	02/07/2018
BE	COMPUTER SCIENCE ENGINEERING	02/07/2018
BE	ELECTRONICS AND COMMUNICATION ENGINEERING	02/07/2018
BE	ELECTRICAL AND ELECTRONICS ENGINEERING	02/07/2018
BE	MECHANICAL ENGINEEIRNG	02/07/2018
ME	COMPUTER SCIENCE ENGINEERING	02/07/2018
ME	MOBILE AND PERVASIVE COMPUTING	02/07/2018

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

	Certificate	Diploma Course
Number of Students	1244	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
Civil – (Staad Pro)	10/12/2018	109
CSE – (Web Designing)	21/12/2018	25
CSE – (Python Programming)	21/12/2018	30

ECE – (CCTV Installation Servicing)	10/12/2018	47
ECE – (System Design using Embedded C)	10/12/2018	44
EEE – (Solar Panel Installation)	10/12/2018	48
MECH – (NDT)	10/12/2018	118
	[View File](#)	

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	CIVIL ENGINEERING	209
BE	COMPUTER SCIENCE AND ENGINEERING	141
BE	ELECTRONICS AND COMMUNICATION ENGINEERING	181
BE	ELECTRICAL AND ELECTRONICS ENGINEERING	86
BE	MECHANICAL ENGINEERING	68
	[View File](#)	

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

Structured mechanism of understanding stakeholder requirements and needs is practiced to achieve stated objectives of each academic activity. Views /suggestions/ feedback collected during various interactions with the students, parents, staff, alumni, employers and peer level external member periodically. Feedback collected are viewed genuinely and utmost care is taken to cater the needs. Categorywise feedback mechanism is as follows: • The student feedback is normally taken once in semester regarding the syllabus and their comfort level with the teachers in the classroom. Quality circle meet is organized every semester to understand student satisfaction, requirements related to academics, practices and facilities. Class committee meeting gives an opportunity to the faculty members to understand the needs of the students which is organized thrice in a semester. Counselling sessions paves way for 1-to-1 interaction and personal attention. Students also represent their views regarding enrichment using Suggestion box. Suitable remedial measures are taken immediately to address the gap areas if any. Appropriate inclusion and changes in academic practices is also made after meticulous analysis on the suggestion, expectations. Issues raised are discussed at Staff council meet and also

submitted to the purview of Management. • The institution takes best efforts to interact with parents through letter communication, need based telephonic interactions, 1-to-1 meet and PTA meeting. Regular Parent-Teachers meetings keep the channels open to voice Parents view on enrichment initiatives. Mechanism of interaction thus helps in regular care and attention on all affairs pertaining to students. • Alumni feedback on industry trends and their expectations help us to plan programmes to meet global trends. Alumni also visits the institution for sharing their experiences among their juniors for better career planning. In addition to Alumni meets, Alumnus share their opinion through social media networking. Representations are discussed during SCM. • Feedback from employers are taken at the end of each campus placement drives. Interactions with the industry personnel/ employers are also made. TP Cell and Industry personnel also state the demands in the industry. Such interactions are briefed during SCM, based on the recommendations programmes are also arranged for betterment. • Consistent interaction with Experts of reputed Universities, National Level , State level institutions also help us to understand the progression and suggestions given by the academicians are considered for planning. Programme Advisory Committee internal member of the department coordinate the initiatives. • Staff review meet and Staff meetings are arranged periodically to support staff enhancements. System of focussed feedback collection and interactions helps in raising the involvement of every member of stakeholder in the institute level initiatives and efforts.

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	CIVIL	120	30	26
BE	CSE	60	58	44
BE	ECE	120	60	50
BE	EEE	60	30	24
BE	MECH	120	80	72
ME	CSE	18	5	2
ME	VLSI	18	4	3
ME	PED	18	3	2
[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
2018	1137	26	105	15	120

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	Numberof smart classrooms	E-resources and techniques used
120	120	13	20	Nill	14

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)

• Institute practices Mentoring System to provide counselling to the students and provide necessary support to student progress. Academic counselling is carried out by assigning a faculty member to do the role of a Faculty advisor for 15 students/ as needed. • Faculty advisor taps the potential of their wards, encourages them for skill enhancements and suggestions corrective measures for improvement. Faculty advisor strives for the betterment of their wards, records and monitors the progress. Students are assigned mentor during their entry level. Mentorship will remain throughout the study duration. In case of faculty unavailability, role will be updated. • The main aim of mentor is to identify the strengths and weaknesses of the mentees. Faculty advisor looks after their academic grievances and guides them for better performance. Faculty advisor keep track of arrear papers, if any, motivates the mentee for exam preparations and guides for better performance in examinations.. • Counselling sessions are arranged periodically as per academic calendar and performance in academics is monitored by the faculty advisor. Faculty advisor tracks the wards performance and at the end of every semester mentor provides directions for end-semester examination preparations. In addition to structured meet, need based additional interactions will be made. • Based on the student potential and interests, students are motivated for overall developmental activities. Co-curricular activities participation that raises technical skills of the wards and participation in events to exhibit talents are taken care by the Mentor faculty. Wards are also motivated for certifications and participation in extra-curricular activities. • Faculty advisor reports the representations to HoD for essential issues that can be addressed within the department. Other representations will be made at overall counselling report that will be addressed at Staff Council Meet. • In addition, Course in-charges, Class coordinators, HOD provides suitable guidance at all stages. Academic difficulties if any dealt by students will be addressed immediately. • Course in-charges and Class coordinator interacts with students regularly to identify students concerns and student related matters. Need based counselling will be made by HoD. Parents are also called for interactions if needed.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1163	120	1:10

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
114	120	Nill	12	12

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
2019	Mrs.R.Suganthalakshmi	Assistant Professor	TNSCST,Student Project Award
2019	Mr.S.Rajarajan	Assistant Professor	NPTEL Online Certification on "Components and Application of Internet of Things"

2019	Mr.T.Jeyaseelan	Assistant Professor	TNSCST,Student Project Award
2019	Mrs.R.Ponni	Assistant Professor	TNSCST,Student Project Award
2019	Dr.R.Suresh	Assistant Professor	SWAYAM-GRAPH THEORY

View File

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
No Data Entered/Not Applicable !!!				

View File

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

* Being an affiliated institution, the procedure and reforms of the University are followed by the Institution. Vibrant Examination Cell of the institute provides transparent and efficient assessment evaluation process. Functioning of the Centralized Examination Cell and the procedures adapted for the conduct of assessment and evaluation ensures rigor and transparency in the process. Students are given suitable suggestions for improvements. • All the students are familiarized about the transparency in internal assessment. Assessment marks entry and necessary reports are generated using EDUMATE (ERP) solution. • In 2018-19 odd semester, a total of two weekly tests in a semester were conducted once in a month before assessment tests. Two assessment tests and one model exam were conducted. Assessment exams for a duration of two hours and maximum marks of 60. Model exam for a duration of three hours and maximum marks of 100. • The assessment exam marks obtained were recorded and analyzed by respective department class coordinators. Coaching classes for the slow learners were conducted regularly after the working hours to improve their academic performance.

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

* Academic Calendar serves as an information source, planning document for students staff, issued to departments before semester commences at SCM. It is also posted at Institution's website and EDUMATE (ERP) for staff reference. • Academic Calendar is prepared following the schedule of AU for activities pertaining to regular classes, internal assessment evaluation schedule, web portal entry. • In addition, it also includes schedule for Institutional practices / activities viz., Class test, Class committee meeting, Internal Assessment schedule related preparations, Professional society activities, Extension activities, DRC meeting, IQAC meeting, College Day, Sports Day, Revision classes, Counselling sessions, Project Expo, Audits etc.

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://kingsengg.edu.in/Main_Page_Files/All_Dept.-PEOs_POs.pdf

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
103	BE	CIVIL	109	50	45.87%
104	BE	CSE	55	31	56.3%
105	BE	EEE	48	18	37.5%
106	BE	ECE	91	45	49.45%
114	BE	MECHANICAL	118	63	53%
405	ME	CSE	4	4	100
435	ME	MPC	1	1	100
419	ME	VLSI	6	6	100
415	ME	PED	3	3	100
414	ME	THERMAL	2	2	100
No file uploaded.					

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://kingsengg.edu.in/IQAC_File/EXIT_SURVEY_2020_21.pdf

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
Any Other (Specify)	1095	AICTE	14.45	14.45
Any Other (Specify)	365	MSDE	25.6	Nill
View File				

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
Web Designing	CSE	25/08/2018
J2EE	CSE	29/08/2018
IOT using Arduino and Raspberry Pi	CSE	05/10/2018
Guest Lecture on "Indigenous Innovation"	ECE	14/08/2019
Special Lecture on "Internships"	ECE, ISTE CHAPTER	15/03/2019

Intercollegiate Project Expo	ECE	07/03/2019	
Expert Lecture on "Research Opportunities"	ECE – AICTE- Margadharsan Scheme	02/02/2019	
Workshop on " Advanced Industrial Robotics and Automation"	EEE	22/02/2019	
Recent Trends in CNC Programming (Work Shop for Polytechnic students)	MECH	25/02/2019	
Workshop on " Non Destructive Testing"	MECH	08/03/2019	

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
VLSI Implementation of automated monitoring and detection for tonsillitis by Image Processing	S.Sheeba	Tamilnadu State Council for Science and Technology, Chennai	19/07/2019	Received Cash Award Rs.7500/-
PACIFIER	1.Festus Devapriyan.J.D, 2. Nethaji.T.S IV CSE	Tamilnadu State Council for Science and Technology, Chennai	19/07/2019	Received Cash Award Rs.7500/-
R3 Menstrual Kit	L.Mouli K.Jaishree (IV/ECE)	Tamilnadu State Council for Science and Technology, Chennai	19/07/2019	Received Cash Award Rs.7500/-
Experimental Investigation on Concrete by Replacing Fine Aggregate with Stabilised Soil	1.S.Vasanth 2.S.Hassan 3.R.Ranjith 4.G.Saravanan (IV/CIVIL)	State Level Project Expo cum Contest-Techyugam'19 Organized by Vel Tech Multi Tech Dr.Rangara jan,Dr.Sakuntha la Engineering College, Avadi, Chennai-62	01/03/2019	First Prize Trophy with Rs.3000 Cash Award
[View File](#)				

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered 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
No Data Entered/Not Applicable !!!		

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	2
EEE	1
MATHS	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	CIVIL	3	3.11
International	CSE	4	4.17
International	ECE	4	2.52
International	EEE	6	5.61
International	MECH	3	2.3
International	SCIENCE AND HUMANITIES	3	4.33

View File

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
SCIENCE AND HUMANITIES	6
MECH	5
EEE	13
ECE	34
CSE	21
CIVIL	29

View File

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
No Data Entered/Not Applicable !!!						

View File

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

		No Data Entered/Not Applicable !!!		
		[View File](#)		

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nill	159	48	61
Presented papers	42	98	1	10
Resource persons	Nill	3	Nill	3
		[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
	No Data Entered/Not Applicable !!!		
		[View File](#)	

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
Activities towards the advancement of IEEE and Engineering Profession	Certificate of Appreciation/Class C	IEEE Student branch, Madras	250
National Skill development scheme - Pradhan Mantri Kaushal Vikas Yojana (PMKVY)	Training centre for conducting programmes	Ministry of Skill Development and Entrepreneurship, New Delhi,India	137
Academic Excellence	Academic Excellence Award	ISTE, New Delhi	145
	[View File](#)		

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 activites	Number of students participated in such activites
	No Data Entered/Not Applicable !!!			
		[View File](#)		

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
Guest Lecture on Industrial Controllers10.08.2018	IV-EEE & III EEE 55	Er.A.Amirthaganesh, MD, Armada Industrial Automation	1
Career Guidance and Interview Skills - Guest Lecture - 31.01.2019	IV – Civil IV – CSE IV – ECE & IV – EEE Total - 81	Resource Person: Mr.G. Lawrence, AP/ Training Development, Gnanam School of Business, Sengipatti, Thanjavur	1
Industrial Visit - 26.08.2019 at NLC, Neyveli	III & IV EEE Students – 26 Members	Kings college of Engineering	1
One Day workshop on Sensors and Controllers in Electrical Engineering Applications - 16.08.2019	Internal & External -79	Er.A.Amirthaganesh, MD, Armada Industrial Automation	1
[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
MOU	Faculty Visit to Factory Scheme	Armada Industrial Automation, Thanjavur.	16/12/2018	16/12/2018	2
MOU	2-Days FDP on Passionate Approaches to Teaching Developing Receptive Teaching Methodologies	Gnanam School of Business, Thanjavur.	04/08/2018	05/08/2018	1
Internship	Summer Internship Programme under Mangadarshan Scheme	NIT, Trichy	15/05/2019	15/06/2019	2
[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
NIT, Trichy	01/12/2018	NITT as mentor institute for KCE under Margdarshan scheme of AICTE	1283
View File			

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
50	41.63

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Seminar halls with ICT facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Classrooms with LCD facilities	Newly Added
Laboratories	Newly Added
Class rooms	Existing
Campus Area	Existing
View File	

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 patially)	Version	Year of automation
MTS-Libmen	Partially	1.3	2006

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	19818	3928778	678	12000	20496	3940778
Reference Books	9598	1902708	125	Nill	9723	1902708
e-Books	1168	Nill	23	Nill	1191	Nill
Journals	76	261971	68	150050	144	412021

Digital Database	29416	Nill	803	Nill	30219	Nill
e-Journals	607	13570	168	125866	775	139436
Others(specify)	1511	Nill	Nill	Nill	1511	Nill
Others(specify)	828	Nill	Nill	Nill	828	Nill

[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
No Data Entered/Not Applicable !!!			

No file uploaded.

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	411	308	0	15	0	25	48	100	15
Added	0	0	0	0	0	0	0	0	0
Total	411	308	0	15	0	25	48	100	15

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

100 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
No Data Entered/Not Applicable !!!	

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 incurredon maintenance of physical facilites
12	11.38	17	16.34

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)

http://kingsengg.edu.in/Facilties_File/M-Procedure.pdf Institute has various academic and administrative bodies that have student representatives on them. This representation helps them for their overall development and gives valuable

inputs for institutional growth. These bodies create more avenues for students to develop technical skill, updating knowledge, personality developments and to serve the society. Staff advisers guide students for the smooth functioning of these bodies. Events organized by the departments under students association and technical clubs are coordinated by student members. Students also coordinate institute level events like College day, Sports day, Hostel day, Independence day, Republic day, Alumni events etc. Students thereby gain organizing skills and also exhibit their individual talents. Annual symposium is completely planned, organized by student members. Students actively participate in social activities such as visiting villages, creating awareness on various social issues and do service to the society. Clubs Professional societies has several students members who take on leadership roles and organize the events in a successful manner. Students gain exposure to technical content as well as gain organizing skills. The institute provides ample avenues for developing technical skills, updating knowledge, personality development and service to the society through various Associations and Societies. Staff advisor guide the students in the smooth and effective functioning of the Clubs and Associations. Academic and administrative committees formed are Class Committee, Student Quality Circle, Department Association, Technical clubs (departmentwise), Student CHANGE club, Transport committee, Placement committee, Library committee, Hostel Committee, Women's Cell. Eco Club, Red Ribbon Club etc.

http://kingsengg.edu.in/Facilties_File/Library.html

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	Merit and Poor Students	211	5522350
Financial Support from Other Sources			
a) National	PMSS	301	19480000
b)International	Nill	Nill	Nill
View File			

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 implemetation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
View File			

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 passedin the comp. exam	Number of studentsp placed
2018	GATE coaching	109	Nill	Nill	6

			class		
2018	GATE Coaching-III Yr	39	Nill	Nill	Nill
2018	Quantitative aptitude training-IV Yr	55	Nill	Nill	Nill
2018	Communication & Presentation skills	39	Nill	Nill	Nill

View File

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
No Data Entered/Not Applicable !!!		

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
CMS IT-CHENNAI, NEW TECH INDUSTRIES-CHENNAI, WONJIN AUTOP ARTS-CHENNAI, TAFE-CHENNAI, IDBI-CHENNAI, FLEXTRONIS-CHENNAI, AQUA PURE-CHENNAI	495	156	WIPRO-CHENNAI, CTS-CHENNAI	18	3

View File

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	1	BE CIVIL	CIVIL	Nehru Institute of Technology	ME Construction Engineering and Management
2019	1	BE CIVIL	CIVIL	Karunya	ME Environ

				Institute of Technology and Sciences	mental and Water Resources Engineering.
2019	1	BE CIVIL	CIVIL	Alagappa Chettiar College of Engineering and Technology	ME Environmental Engineering
2019	1	BE CIVIL	CIVIL	M.I.E.T Engineering College	ME Structural Engineering
2019	1	BE CIVIL	CIVIL	Bharathidasan University	MBA
2019	2	BE CIVIL	CIVIL	SASTRA Deemed to be University	ME Structural Engineering
2019	1	BE CIVIL	CIVIL	Sathyabama Institute of Science and Technology	ME Structural Engineering
Nill	1	BE CSE	CSE	Vivekananda Engineering College	ME CSE
			View File		

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	1
GATE	3
GMAT	1
Any Other	1
View File	

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
No file uploaded.		

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
No Data Entered/Not Applicable !!!						

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

Institute has various academic and administrative bodies that have student representatives on them. This representation helps them for their overall development and gives valuable inputs for institutional growth. These bodies create more avenues for students to develop technical skill, updating knowledge, personality developments and to serve the society. Staff advisers guide students for the smooth functioning of these bodies. Events organized by the departments under students association and technical clubs are coordinated by student members. Students also coordinate institute level events like College day, Sports day, Hostel day, Independence day, Republic day, Alumni events etc. Students thereby gain organizing skills and also exhibit their individual talents. Annual symposium is completely planned, organized by student members. Students actively participate in social activities such as visiting villages, creating awareness on various social issues and do service to the society. Clubs Professional societies has several students members who take on leadership roles and organize the events in a successful manner. Students gain exposure to technical content as well as gain organizing skills. The institute provides ample avenues for developing technical skills, updating knowledge, personality development and service to the society through various Associations and Societies. Staff advisor guide the students in the smooth and effective functioning of the Clubs and Associations. Academic and administrative committees formed are Class Committee, Student Quality Circle, Department Association, Technical clubs (departmentwise), Student CHANGE club, Transport committee, Placement committee, Library committee, Hostel Committee, Women's Cell. Eco Club, Red Ribbon Club etc.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

o Our Alumni association is registered under the Tamil Nadu Societies Registration Act, 1975 (Tamilnadu Act 27 of 1975) in the name "Kings Munnaal Manavargal Sangam "on 19th November, 2007. The Mission of our association is "The KINGS Alumni Association aims to link the alumni to the institution, develop synergistic plans to support the institution and achieve its vision, and to enable the institute to add value to all its stakeholders." And the Vision is " To set the standards of excellence in engineering education and high quality research in Science and technology". The association Provides various help for the students by arraigning Technical seminars , workshop by disseminating state of technology. o Association also maintains Databases. o Maintains a Facebook Page namely " Kings College of Engineering Alumni". By the use of this we are sharing all the events held in our college to the alumni. This page is always active. We also help the alumni those who not completed the degree by the way of arranging special classes and individual teaching also. Apart from this we also giving materials for their arrear subjects.

5.4.2 – No. of enrolled Alumni:

427

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

No Data Entered/Not Applicable !!!

5.4.4 – Meetings/activities organized by Alumni Association :

03.08.2018-Technical Demonstration on "Android mobile based Diabetic Point of

care (POC) test BY A.Kanagaraj, Senior Service Engineer, Siemens Ltd., Chennai (2008-2012) 25.08.2018-Workshop on Web App Development BY Mr. S.Mathiyarasan Software Engineer, IVTL infoview technologies PVT Ltd., Chennai.(Cloud Technologies) 29.08.2018-Alumni Talk on Career Guidance BY Mr.G.CHANDRU, (2013-17 Batch) Structural Engineer,Thanjavur 05.09.2018-Interview Industry Expectations BY Mr.A.Abdul Salam, TCS, Singapore. 08.09.2018-Guest lecture titled "Embedded system applications in Automobiles" BY Ms.Rubika, Design Engineer, Robert Bosch. Coimbatore. 29.09.2018-Opportunities of Electrical Engineers in Government Sector BY Er.K.Sukumar(Alumni: 2001-05 Batch), Maintenance Service Engineer, BHEL, Trichy. 12.01.2019-Printed Circuit Board Design BY Prof.E.Venugopal, Assistant Professor, Sri Eshwar College of Engineering, Coimbatore 05.02.2019-Trends In Automobiles BY Mr.M.Satish Kumar (Alumni: 2006-10 Batch), Continental Automotives, Singapore 11.02.2019-Seminar on " Industry Expectations" BY Mr. S.Balamurugan, Desss Applying Technologies, Chennai 13.02.2019-Solar Power Plant – MRT BY Er.M.Mohamad Riyash, Assistant Engineer, TNEB 26.02.2019-One day Workshop on Java Programming BY Er.Jagadish Kumar. C.E.O.Navil Softwares, Chennai. 04.03.2019-Alumni Talk on Higher Studies Awareness BY Mr.A.ANANTH (2014-18 batch) M.E (Structural Engg.) in Alagappa Chettiyar Government College of Engineering and technology, Karaikudi. 04.03.2019-Alumni Talk on Higher Studies Awareness BY Mr.S.HARIHARASUDHAN (2014-18 batch) M.E (Environmental Engg.) in M.I.E.T College of Engineering, Trichy. 09.03.2019-Demo Portfolio BY Mr.R.Nagarajan, Agania Technologies, Coimbatore. 09.03.2019-FOSS based Certification BY Mr.M.Baranidharan, Expleo Group Companies, Bangalore. 12.03.2019-Medical Electronics BY A.Kanagaraj, Senior Service Engineer, Siemens Ltd., Chennai (2008-2012) 14.04.2019-Indigenous Innovations BY Mr.A.Amirthaganesh, Director, Armadha Industries , Thanjavur.

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)

• The Institute disburses responsibilities from top down by decentralizing duties and responsibilities for quick decision making. Decentralization ensures wider deliberations of the issues and maximizes acceptance. Decentralization - Institute Level Committees In-charges • All the faculty members are given opportunities with entrusted responsibilities for effective functioning of the academic system. Numbers of Committees / Cell / Clubs are formed with the Principal as the President who ensures their effective functioning. The Principal holds regular meetings with the heads concerned and committee coordinators, to monitor the progress. Coordinators will plan and ensure execution of the required task as per action plan meeting the stated objectives Participative Management • HoDs are empowered to execute academic activities of the concerned department. Academic programmes are planned and organized under the guidance of HoD. Heads of the Department are given operational autonomy to carry out departmental routines and thereby contribute in overall growth of the department. Each staff member is assigned with one or more responsibilities. Thus the work culture is set among the individuals, improved by decentralized administration.

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	Curriculum Development • Course plan structure prepared by the faculty members includes effective teaching methodology incorporating interactive teaching learning practices. Bridge courses are organized to meet pre-requisites. To augment the curriculum, various enrichment programmes like Guest Lecture, Workshop and Seminars are organized inviting experts from academia and industry. • ICT enabled Teaching-Learning initiatives like A-View sessions, NPTEL sessions, other reputed Institutional Video sessions supports better knowledge acquisition process. • Content Beyond Syllabus component for all theory courses includes Case study presentations, Application oriented sessions. Laboratory courses also include additional experiment covered as content beyond syllabus for enrichment • Domain specific Skill oriented course (MCC) to equip students with industry required skills is organized during final year. My Credit Course is designed by faculty members based on student preferences. MCC course serves as Value addition to the students • Department of Training Placement offers structured placement training to students. TP Hours are allotted in regular time-table. Semester wise manual is prepared and utilized towards equipping students with aptitude skills. In addition to internal training on soft skills, external expert training sessions are also organized during final year study period.
Teaching and Learning	Teaching and Learning • Comprehensive Plan of Teaching, Learning Evaluation schedule of the institution incorporates o Schedule for the Semester comprising all activities (Academic Calendar) o Schedule for Regular Classes (Time-Table) o Instructional Delivery Plan (Course Plan) o Evaluation Procedure (Assessment Evaluation schedule is included in Academic Calendar) o Review Audit schedule after every assessment. • Well structured Course Plan emphasizing appropriate teaching methodology, references for preparation, assignment guidelines and assessment coverage gives an overview for the course to the learners.

	Experience summary (Review sheet) recorded at the end of course completion paves better approach in course delivery planning for subsequent faculty handling the course. • Committee comprising senior faculty team verifies course plan, question bank and lab manual, ensure the set standard is met. Learning material is distributed during semester commencement. • Promotion of NPTEL videos, OER, Virtual lab sessions, CBT sessions in Teaching provides opportunity for better learning • Interactive Teaching-Learning practices encourages student-centric activities in the process. • Student feedback and expectations are sought regularly through various modes of interactions and necessary fine-tuning is made. Periodical review and audits are conducted to ensure the status of execution is as per set expectations of the process
Examination and Evaluation	Examination and Evaluation Vibrant Examination Cell of the institute supports transparent and rigorous assessment evaluation process. • Details on the Internal assessment procedures are disseminated through circulars, Institution' website, CCM, Class Coordinator, Faculty advisor and during SCC meet. Academic Calendar is circulated to departments for reference are made available at institution' website • In addition to Internal Assessment I, II and Model examination, Week tests and class tests are conducted to track progression. • Standard of Question paper is verified by IQAC team for its adherence to Bloom taxonomy level of attainment. Course outcome attainment is analyzed after end-semester examination result publications. • Submission of question papers, corrected answer scripts are scheduled at academic calendar. Key for evaluation is prepared by faculty members and maintained at respective course files. Corrected answer scripts are issued to students for any clarifications. Students sign the scripts and coursewise scripts are stocked at CoE office. • Result review meetings are organized after every assessment. Need based remedial measures are taken to support slow learners and for subjects with less

		pass percentage.
Research and Development		Research and Development • Institute Level Research Committee functions with the objective of instilling culture of Research and Development among staff and students. Regular meetings are convened to review the progression. Faculty members are encouraged to pursue research, submit proposals and publications. Suitable guidance is provided for innovative project and in-house project works among students. • Training programmes are organized periodically on various titles. Number of workshops organized : 20 Number of seminars organized : 10 State level project expo : 1 Participation in Smart India Hackathon : 06 TEAMS
Library, ICT and Physical Infrastructure / Instrumentation		Library, ICT and Physical Infrastructure / Instrumentation • Library advisory committee recommends the necessary upgradations for Library and monitors the functioning, utilization • Library information system automates the transactions and OPAC supports search for resources easily • Newspaper clippings on education, science and technology, sports, competitive exams, placement details are displayed on the notice board. Displays of KCE events covered in media are made at notice board. • Computing facility provides access to online journals. Transactions and other reference materials. • Campus is equipped with 100Mbps internet connectivity and Wifi access. • Seminar, Audio-Visual Hall, Conference halls are provided with Computer and network facility. LCD projectors support ICT enabled presentation at classrooms and AV halls. • Uninterrupted power supply provides support for ICT system access without interruption.
Human Resource Management		Human Resource Management • Culture of participative management is proactively promoted by the institution. The top leadership invites suggestions, incorporates them and gives autonomy to the faculty members and staff to perform their duties. At the same time, necessary review, audits are carried out • Principal assigns specific duties to various academic and administrative bodies of the College. • Heads of the Department are given

	operational autonomy to carry out departmental routines and thereby contribute in overall growth of the department. • Each staff member is assigned with one or more responsibilities. • Staff members are encouraged to pursue higher studies, research. Staff student enrichment and accomplishments are credited for Best Department award. Hence, a competitive spirit prevails leading to individual and overall development. Performance based incentives are offered to encourage staff accomplishments contributions
Industry Interaction / Collaboration	Industry Interaction / Collaboration • Culture of participative management is proactively promoted by the institution. The top leadership invites suggestions, incorporates them and gives autonomy to the faculty members and staff to perform their duties. At the same time, necessary review, audits are carried out • Principal assigns specific duties to various academic and administrative bodies of the College. • Heads of the Department are given operational autonomy to carry out departmental routines and thereby contribute in overall growth of the department. • Each staff member is assigned with one or more responsibilities. • Staff members are encouraged to pursue higher studies, research. Staff student enrichment and accomplishments are credited for Best Department award. Hence, a competitive spirit prevails leading to individual and overall development. Performance based incentives are offered to encourage staff accomplishments contributions
Admission of Students	Institution functions with a singular aim of providing quality education to the poor and under-privileged students of this region. Privilege is given for meritorious students in terms of waiver in Tuition fee. Sports students are given full fee waiver based on credentials. Well qualified faculty members with a structured Teaching-Learning practices equip students to become a professional to meet industrial standards and requirements. The Training and Placement Cell remains a pivot for the employability skills of the students by regular training on

soft and aptitude skills that pave our students to pursue higher studies at premier Universities and Institutions of India and abroad. Career guidance programmes were organized for college aspirants. Motivational programmes were organized for plus two students. Expert guidance sessions were organized. Suitable awareness and motivation sessions provides clarity to the students in opting their career. Session on career opportunities for engineers and overall skill development practices of the institute creates interests among college aspirants. Student innovation and problem solving skills are enhanced through skill development sessions scheduled periodically. Students are encouraged to participate in internal and external events. Students are encourage to visit industries to gain knowledge on industrial practices. Best student of every batch is selected and sponsored for Foreign Industrial visits.

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

E-governace area	Details
Planning and Development	Planning and Development With the purview of Objective of the institution, target and schedule is set at the beginning of every academic year for the departments and committee. Encouragement and motivations are provided at all stages for implementation. Strategies for all activities are derived considering the inputs of the stakeholders. Coordinators /In-charges for activities derive action plan, reviewed and approved for reference. Academic calendar and guidelines for activities acts as the operational framework for the routines. Operational issues and outcome analysis for every stages will be addressed at Staff council meet. Based on the interactions inputs, suitable corrective measures are proposed and implemented. Periodical review and academic audits are carried out to ensure completion of the activities and thereby ensuring progress. Institute level conveners / coordinators derive action plan for respective activities. As per the action plan of in-charges, activities are made. Research and Development Committee sets target and devices

	action plan towards RD activities. IQAC reviews and submits reports on overall accomplishments of the departments. Through ERP solution, daily events are notified and follow-ups are made. Reports are generated using ERP solution.
Administration	Administration ERP solution of the institute automates academic activities of Staff and student enrolment, Semester wise Internal and AU examinations, accomplishments made etc. Staff accomplishments are updated periodically using the automation software. Reports pertaining to academic activities are generated using ERP solution.
Finance and Accounts	Finance and Accounts ERP solution of the institute helps in maintaining finance and accounts operations in a enhanced manner. Financial transactions including billing are made through ERP solution. All necessary reports as needed are generated through Automation software. This ERP makes the financial commitments in a transparent manner.
Student Admission and Support	Student Admission and Support Student Admission procedure is made as per the Government and AU norms. Admissions are made through Single Window System and Management category. After the completion of admission process as per norms, student profiles are updated using ERP solution. Students are given unique ID during their enrolment. All certificates and related documents are uploaded at student profile corner of the ERP solution. Since admission, student academic matters and fee payments are made through ERP solution. All necessary reports are generated using the automation solution.
Examination	Examination Student internal assessment records and end-semester examination records are tracked using ERP solution. Daily hour wise attendance entries are made by respective course incharges. Student's assignment submissions, internal assessment tests, additional tests records are uploaded using the ERP solution. Monthly AU web portal entry reports are generated using ERP. End-semester examination results are also uploaded during ERP. Student performance tracking, academic reports

	are generated using ERP. Scheduling of internal assessments are also made using ERP.

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
No Data Entered/Not Applicable !!!				
No file uploaded.				

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)
No Data Entered/Not Applicable !!!						
View File						

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
No Data Entered/Not Applicable !!!				
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
12	12	3	3

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Group Insurance with comprehensive coverage	Ward of Non-teaching tuition fee waiver, free transport facility to college, Group Insurance with comprehensive coverage	Meritorious student scholarship, Economically weaker section fee waiver (tuition fee, transport,fee, hostel), Sports scholarship, University rank holder cash award, Foreign Industrial Visits,

6.4 – Financial Management and Resource Mobilization

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

The Institute has adopted a perfect mechanism to monitor an effective and efficient use of financial resources taken care by Finance section with duties executed through Accounts Officer. Audit is conducted every financial year by External Auditor. Institution has constituted a Budget Committee to monitor the generation and utilization of financial resources. Members of this committee reviews budgetary requirement for every year, based on analysis sanctions fund for academic routines. The budget includes the recurring and nonrecurring expenses of each department for the whole year. Every financial transaction is recorded. All procedures and dealings are computerized. Purchase procedure is followed in procurement of machineries / equipments etc. Institution practices an effectual mechanism for auditing the accounts. Statutory auditing is done at the end of each financial year by qualified Charted Accountant.

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
Golden Vats Pvt Ltd.,	41900000	Donation
	View File	

6.4.3 – Total corpus fund generated

4701000

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	No	Nill	Yes	KCE MEMBERS
Administrative	Yes	CA	Yes	Administrative officer

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

PTA interaction meet helps in identifying requirements/ support needed (if any) from Parents related to academics. Meeting is organized at least twice in a academic year Counseling to wards in need of additional support in academics along with parents helps in supporting the progression Social relevant activities are supported by parents

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

NITTR, STTP on Problem Solving Decision Making Motivational session Seminar on Work place Culture

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

2(f) and 12(B) status by UGC Launch of Programme Advisory Committee Project domain specific industrial training was mandated for IV year students

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes

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	**Launch of Competency Development Classes**	**05/07/2018**	**05/07/2018**	**30/03/2019**	**1132**
2018	**Launch of Programme Advisory Committee**	**14/12/2018**	**14/12/2018**	**14/12/2018**	**15**
2018	**Collaborat ion with NITT, Under Margdarshan Scheme, AICTE**	**01/12/2018**	**01/12/2018**	**01/12/2018**	**30**
2018	**ISO internal audit**	**14/11/2018**	**14/11/2018**	**16/11/2018**	**120**
2018	**ISO 9001:2015 regulation training session**	**15/11/2018**	**15/11/2018**	**15/11/2018**	**26**
			[View File](#)		

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
Womens Role in the Society	**28/01/2019**	**28/01/2019**	**340**	**Nill**
Motivational Speech on Women's Ability	**08/03/2019**	**08/03/2019**	**540**	**Nill**

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
Solar Energy lab deployed at EEE department caters to the demands of renewable energy system lab. Pollution free eco friendly campus.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	**Yes**	**Nill**

Provision for lift	Yes	Nill
Ramp/Rails	Yes	Nill
Rest Rooms	Yes	Nill

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
2019	3	4	12/02/2019	5	1. NIT, Trichy Under AICTE Margadharsan scheme, 2. "PMKVY" under MSDE approval (9 courses)-preparatory works 3. Eco friendly, pollution free environment maintenance with scenic natural beauty	1. Awareness camps and Health Camps at Local 2. Competitions Training programmes to encourage young students 3. Engineering educational opportunity employment to the local residents. 4. Events like blood donation camp, eye camp, clean camp	1163
No file uploaded.							

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

Title	Date of publication	Follow up(max 100 words)
Student Handbook	02/07/2018	Student Handbook gives students and their parents/guardians an understanding of the general rules guidelines for attending college, code of conduct, academic practices, support

system, facilities, associations, clubs, KCE awards etc. It includes details about college timing, dress code, attendance and tracking procedure, college transport facility, student affairs and cash section operations. Details about student associations, clubs are also provided. Information related to Anti-ragging committee, Central Library operations, Professional societies, Suggestions box to raise feedback are provided.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
UHV – Module I	15/09/2018	15/12/2018	217

No file uploaded.

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

• To sustain the ground water availability, Institution has adopted rain water harvesting system. All open terraces are fitted with collection pipes which collect rainwater and sent to the ground through designed drains. • Check dams to percolate water is available at the campus entrance. • Maintenance department ensures the electrical gadgets are well-maintained and serviced periodically. Power factor correcting capacitors are used in the MV panel board. Star rated equipments are used. • Green coverage is provided and maintained for a natural sink. Institution sensitizes students and staff members to utilize the common transport system in order to reduce the carbon emission. Hence resulting in limited entry of vehicles inside the campus. Ideal parking facility is available at the entrance itself. Usage of polythene materials in the campus is restricted. • NSS students and faculty indulge in plantation of saplings regularly inside the campus and nearby villages Awareness programmes are organized by ECO Club.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Annexure-II Best Practice I Title of the Practice Systematic approaches to strengthen Industry-Academia Interactions gaining wider exposure and knowledge among student and faculty members. Goal Institute takes various initiatives to promote closer interactions with industries and to establish linkages with Industries. Academia-Industry interactions is need of the hour. KCE has set a practice of mandatory visit to industries by both students and faculty members. It provides a platform to know about industry practices and expectations. Students visit industries during vacation period under In-House Training (IHT) scheme and Faculty members visit Industries under Faculty-Visit-To-Factory Scheme. With the objective of developing and refining skills, network with professionals in the field and gain valuable industrial experience, students are encouraged for internships. The Context Being rural located institution

with diverse group of students varying in potential and committed to provide better career opportunities, various efforts are taken in to support student progression. Around 45-50 of students belong to first generation graduate group. With a commitment to raise the student skills and enhance their career opportunities, regular interactions with industries are initiated. Industry personnel are invited for various technical events. Faculty enrich their knowledge through FVFS and prepare students to meet its expectations. To overcome the listed challenges and to attain the objective, IIIC takes initiatives • Rural locate of the institute and access to industries located at cities is strenuous • Gap between Curriculum Industry expectations and student potential is very wide. • Educational system focuses on marks based evaluation • Scope for Industry-Academia interaction is very less due to governing policies rules • Global economy changes resulting in less demands at Industries. The Practice • Staff interaction with Industries o Faculty-Visit-To-Factory (FVFS): To expose faculty members with industrial practices and expectations by means of "Training to the Trainer", FVFS scheme is practiced. Faculty members visit various industries to acquire practical knowledge and upgrade to the recent trends adopted in the industries. Faculty members disseminate the knowledge gained during their visits and by appropriate mapping to course topics or content beyond syllabus component. FVFS schemes paves way for interactions with industrial personnel thereby linkages for academic support is established. • Student interaction with Industries Internship, In-Plant training (IPT), Industrial Visits (IV) : Industrial visits are important for student undergoing professional degree. IHT, IV and Internship are made mandated to give insight into industrial environment. 51 students have undergone internship during this period. o With an aim to go beyond academics, industrial visit provides students a practical perspective on the world of work. By these visits internal operations of the industries are exposed to students. Students are able to identify prospective areas of work at industries. o To inculcate domain specific industrial experience, all pre-final year students are encouraged to undergo training for a period of 3-5 days under IHT scheme. Innovative Project works are initiated by the students through these visits. After the visit, students will share their experience during presentation session. o Batch wise all round performer from every branch is sponsored for industrial visit abroad. An unique practice of the institution encourages advanced learner to be competent and triggers overall initiatives among the members. Evidence of Success • Industry Institute Interaction Cell strives to establish linkages with various industries and networked to support enrichment activities. Student placement record, Industrial interactions are in increasing trend. Various Technical Training Programmes organized inviting industrial experts. Category wise Industrial sectors in regular interaction (4 years) Category No. of Companies Production Manufacturing sectors 35 Service sectors 9 Communication sectors 3 IT sectors 14 Total 61 Faculty-Visit-To-Factory Scheme summary DEPT. Year wise No. of Industries visited 2019 2018 2017 2016 Civil 09 11 15 11 CSE 13 10 11 10 ECE 18 11 15 14 EEE 11 06 11 11 Mech 20 08 14 13 S AND H 18 19 20 21 Total 91 65 86 80 Branchwise In-House Training (IHT) Field Visit (FV) (2018-19) Branch No. Of students No. of Companies visited Field Visit CIVIL 109 32 90 CSE 55 08 90 ECE 51 10 24 EEE 13 04 48 MECH 88 07 68 • Technical Training sessions, Employability enhancement programmes, Project work expo are organized inviting industrial experts. Online tests are conducted for final year students in association with industrial linkages. • Custom designed skill oriented courses in the name of "My Credit Course-MCC" is offered to all final year students, MCC course is aimed at enhancing the employability opportunities of the students. MCC is designed identifying industrial experience and through the interactions gained by faculty during FVFS. Branch No. of students Topic Offered CIVIL 109 Staad Pro CSE 55 Data Mining ECE 44 System Design Using Embedded C Programming ECE 47 CCTV Installation And Servicing EEE 48 Solar Panel Installation MECH 119 Non

destructive testing and evaluation Problems encountered and resources required • Establishing linkages with Industries to support In-House Training initiatives. Best Practice II Title of the Practice Systematic approaches towards student and staff skill enrichment accomplishments supporting overall progression Goal • To motivate students and support them in overall grooming thereby become competent to face the world with confidence. • To encourage staff members opportunities for career progression and professional accomplishments. • To provide opportunities for various value addition initiatives and support services The Context Structured practices adopted at the institute incorporates activities extending students' education beyond their curriculum. With a commitment to provide opportunities for broadening their educational experience, activities are organized throughout at various stages. These activities are designed to cater the demands of the employers and higher education providers. Programmes help in attainment of students skills knowledge, fostering a sense of confidence. The Practice Student potentials are identified at various stages. Year wise, various opportunities are provided to the students fostering towards overall grooming. Course plan structure incorporating assignments content beyond syllabus component for all courses, Mini-Project works, Refresher courses with suitable industrial expert involvement imparts industrial exposure to students in a systematic manner. Students were motivated and enriched through various opportunities created internally through value addition initiatives and encouraged to attend external programmes. Academic calendar includes slots for these activities. Action plan for these events are submitted during semester commencement and review is made on the progression. Value Added Courses aim to provide additional learner centric graded skill oriented technical training, with the primary objective of improving the employability skills of engineering students. The primary objectives are, • To provide an opportunity to students to develop inter-disciplinary skills. • To bridge the skill gaps and make students industry ready. • To provide a course in order to equip themselves to enhance their curriculum. University recommends and offers credit to Value added course for students studying under regulation 2017. Institute has offered custom designed Value added course department wise, credited in mark statements. Staff members are encouraged for enrichment towards raising quality. Evidence of Success 1. Regular time-table incorporates the skill enhancement practices Project work, GATE Competitive exam coaching, TP training and MCC. Student Change Club meet is conducted regularly as per day order of the department. Professional society activities are conducted as per action plan semester-wise. Student feedback on the activity records effectiveness of the activities. 2. Placement track record of our institution is highly appreciable : 75 of our 2018 batch students have been selected and placement offers were committed to these students. We are happy in creating opportunities for our final year students every year among the best industry players 3. Best Department award credits the accomplishments activities of the department staff and students. Departments submit overall report of the department. Evaluation committee examines and identifies the best performer of the year. Department with highest score is awarded as Best Department during the Annual Day Celebrations. This practice instils a spirit of competition and triggers best accomplishments resulting in overall progression. Academic enrichment initiatives organized for students (Internal Programmes) Programme organized Number of events Orientation Programme 5 Bridge course 9 Guest Lecture sessions 19 Workshop 19 Seminar 9 Symposium 5 National Conference 6 Spoken Tutorial workshops 18 Alumni Interaction Sessions 18 Professional Society Activities 26 My Credit Course (MCC) 238 Intra Department Paper Presentation 7 Mini-Project Expo 3 Project Expo 5 Alumni Interactions 7 Career guidance programme 2 Programme attended by the students (External Programmes) Programme Number of participants Workshop 253 Seminar 29 Paper presentation (Symposium) 35 Technical events (Symposium) 35 National Conference – Paper Publication 180 International Conference – Paper publication 107

Journal publication 126 Project contest 91 Awards, Prizes 27 Staff enrichment accomplishments Programme Number of participants FDP (AU Universities) participation 14 FDP (Internal) 24 Workshop (External) 25 Workshop (Internal) 29 Seminar (External) 9 Seminar (Internal) 8 STTP / SDP 42 National Conference Paper publication 98 International Conference paper publication 42 Journal publication 66 Awards 7 Ph.D Completion / Enrolment 6 Research proposals 8 Other proposals (Programmes) 15 SWAYAM COURSES 38 NITTR QIP 117 Problems encountered and resources required Conduct of programmes in align to hectic academic schedule was found difficult.

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

http://kingsengg.edu.in/IQAC_File/Best_Practices.pdf

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

Institutes strategies and initiatives are set with our goal in mind, which is to become a renowned institution where knowledge is a way of life. We at KINGS value the Gift of Knowledge but do not put a price tag on it. We remain strong in our policy of No Donations and No Capitation and have focused in admitting students strictly on the basis of merit. Due consideration is given to the economical state of the family in admitting students from the under-privileged sections of the community. KCE supports meritorious, economically backward students through various management scholarships. KCE awards include Proficiency award, Best Library user award, Foreign Industrial Visit, King of KINGS award to encourage the students at various levels. Students securing Anna University ranks are awarded cash prizes during Graduation Day. With diverge potentials and striving from economically weaker section, KCE entrants are given focus for their progression right from entry level. Students are screened at their entry and system of continuous monitoring, support system aims at overall development among the student community. We aim at quality technical education to all the aspirants. Structured skill enrichment initiatives are practiced to the students incorporating the activities in regular time-table. Yearwise Competency development classes are practiced. Students are supported for improving English communication skills through activities promoting presentation, seminar, competitions, student events etc. Regular time-table includes sessions for Library, Internet lab, Mini-Project work, GATE / Competitive exam coaching, Refresher courses, My Credit course, Training Placement hours, Online courses etc. To arouse the societal consciousness among the students, they are encouraged to participate in events organized by NSS, NCC, YRC and RRC, CCC. Physical grooming is made through various sporting facility and activities. Overall performer of the batch is scrutinized and sponsored Foreign Industrial visit. Management sponsors the industrial visit for the team. Best outgoing student award, Proficiency awards, Rank holder awards triggers students consistent performance. Completing to the progression of students, faculty members are also motivated for the professional growth. Staff performance appraisal evaluation credits efforts of the faculty. Every year, based on the accomplishments of Staff and student of the department, evaluation is made. Department with highest accomplishment is given "Best Department award" during Annual Day. Increase in Overall scores of the departments for the last 3 years shows the overall progression among staff and students. Valuing the efforts of parents and to honour their contribution to their respective child, KCE practices an unique practice in the graduation ceremony – Graduands receive Degree from their respective parents. Quality professional education augmented by human values and ethics provides KCE students a successful career start and supports for life-long learning

initiatives. Any educational system will be successful that caters the demands of the stakeholder. With the structured initiatives, the institute maintains consistent placement track record.

Provide the weblink of the institution
http://kingsengg.edu.in/

8.Future Plans of Actions for Next Academic Year

To strengthen collaboration with industries academia To strengthen certifications by staff and students To promote student creativity and innovation To strengthen Institute Societal responsibilities Permanent Affiliation status for Civil, ECE, Mechanical branches