



Yearly Status Report - 2019-2020

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.		916380989024
Mobile no.		9442590002
Registered Email		principal@kingsindia.net
Alternate Email		principal@kingsengg.edu.in
Address		Punalkulam, Gandarvakottai (Tk.), Pudukottai (Dt.),
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		iqac@kingsengg.edu.in			
Alternate Email		abhirami.cse@kingsengg.edu.in			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		https://kingsengg.edu.in/IOAC_File/KE_AQAR_18_19.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/Academic%20Calendar%20(2019-20%20Even)REVISED%20AS%20ON%202.01.2020%20-.pdf			
5. Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	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		

FDP in association with IITB on Latex	29-Apr-2020 1	78
Launch of Skill and Personality Development Programme Centre	02-May-2019 1	54
Linkage with TIDITSSIA, Trichy & activities	22-Jan-2020 1	990
Linkage with Siemens Centre of Excellence, NITT & activities	02-Aug-2019 1	990
Programme Advisory Committee, External expert review	05-Nov-2019 1	990
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Principal, KINGS COLLEGE OF ENGINEERING	PMKVY	MSDE	2020 365	768061
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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 :

6

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)

Collaborations and Linkages with (Siemens Centre for Excellence NIT Trichy, Hiremee Bangalore, BHEL, TIDITSIA), Innovation Promotion initiatives (AICTEVishwakarma Award project proposals submission, Smart India Hackathon participation , Participation in Innovate India Contest organized by DST AICTE,

Participation in TN state Innovation 2019 contest, SWAYAM course as MCC for all IV year students, Staff Enrichment programme in association with national level significance institute (NITTTTR Kolkatta, Chandigarh), Interaction with eminent expert as Guest / resource person for Technical programmes (IOWA, CDAC, Scientists)

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

Plan of Action	Achivements/Outcomes
Promotion of Extension activities	<ul style="list-style-type: none"> • PMKVY courses sponsored by MSDE - 9 courses • Workshop for polytechnic students • Motivational, Career guidance programmes for school students
To strengthen student skill enrichment initiatives	<ul style="list-style-type: none"> • Launch of Departmentwise Technical Clubs • Launch of KINGS SPDP Centre - Skill and Personality Development Programme Centre. • Value Added Course(AU Approved) course for III year classes • Launch of NDLI club
To strengthen interactions with stakeholders	<ul style="list-style-type: none"> • Alumni Interaction sessions-17 • Exit Survey • PTA meeting & interactions
To promote research and development activities among staff and students	Progression in R&D Activities
To Promote Innovation & Creativity	<ul style="list-style-type: none"> • Submission & Participation in AICTE-Vishwakarma Award contest(out of 5 proposals, 4 proposals shortlisted upto regional level contest) • Participation in Smart India Hackathon : Internal selection - 21teams SIH (national participation) - 10 Teams • Participation in State Innovation 2019 contest. ECE project shortlisted upto level-3
To Promote ICT in Teaching Learning Process	<p>Virtual lab sessions provides higher end practical exposure Virtual lab session- 17 Enrolment and FOSS certifications every semester provide technical skills to students. All II, III, IV year students are given FOSS training in association with IIT, Bombay Spoken tutorial. No. of workshops - 28 No. of beneficiaries - 1164 Course plan includes minimum 1 NPTEL session and PPT sessions for every unit. Faculty and students undergo SWAYAM, NPTEL courses resulting in technical expertise / educational expertise SWAYAM/NPTEL course completion Students- 234 Staffs - 44</p>

Faculty Enrichment activities are promoted and given weightage in Faculty appraisal and Best department award	Staff enrichment initiatives resulting in adaptation of latest trends and practices.				
To practice enhanced approaches in Teaching - Learning	PCE promotes student centric activities resulting in active student participation during learning process. PCE activities introduced during the year : 20				
Strengthening Academic Collaboration , Linkages	MoU with Siemens Centre for Excellence NIT Trichy, MoU with Hiremee Bangalore, MoU with TIDITSIA , MoU with Periyar Maniammai University				
Permanent Affiliation from Anna University	Permanent Affiliation to Civil, ECE and Mechanical branches.				
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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Name of Statutory Body</th> <th style="width: 50%;">Meeting Date</th> </tr> </thead> <tbody> <tr> <td>Staff Council Meeting, IQAC Team</td> <td>09-Aug-2021</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	Staff Council Meeting, IQAC Team	09-Aug-2021
Name of Statutory Body	Meeting Date				
Staff Council Meeting, IQAC Team	09-Aug-2021				
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	2020				
Date of Submission	20-Apr-2020				
17. Does the Institution have Management Information System ?	Yes				
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	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 customized manner.

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, semester wise 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/entreprene urship	Skill Development
MHRD sponsored IIT Bombay c ertification course on Blender - II yr -41	Nil	02/01/2020	30	Nil	Skill Development
MHRD sponsored IIT Bombay c ertification course on "SCILAB" (II Yr)	Nil	02/01/2020	30	Nil	Skill Development
MHRD sponsored IIT Bombay c ertification course on "LATEX" (III Yr)	Nil	02/01/2020	30	Nil	Skill Development
MHRD sponsored IIT Bombay c ertification course on	Nil	02/01/2020	30	Nil	Skill Development

"LATEX" (IV Yr) - 37					
MHRD sponsored IIT Bombay certification course on "ARDUINO" (II Yr)	Nil	02/01/2020	30	Nil	Skill Development
MHRD sponsored IIT Bombay certification course on "E-SIM" (III Yr) - 46	Nil	02/01/2020	30	Nil	Skill Development
MHRD sponsored IIT Bombay certification course on "E-SIM" (IV Yr) - 53	Nil	02/01/2020	30	Nil	Skill Development
Communication Skill II Yr (38)	Nil	16/12/2019	15	Employability	Nil
Academic/Professional Societies II Yr.(14)	Nil	16/12/2019	15	Nil	Skill Development
Academic/Professional Societies- III Yr.(08)	Nil	16/12/2019	15	Nil	Skill Development
Gate Coaching - III Yr (17)	Nil	16/12/2019	15	Employability	Nil
Mini Project- III Yr. (43)	Nil	16/12/2019	15	Nil	Skill Development
MCC on "Electronic Waste management Issues and Challenges" (46 students) - IV Yr	Nil	27/01/2020	30	Nil	Skill Development
MCC on "A Brief introduction to Micro sensor" (04)	Nil	27/01/2020	30	Nil	Skill Development

IV Yr						
MCC on Stanford online certificate course on "Machine Learning" (01) IV Yr	Nil	25/02/2020	30	Nil	Skill Development	
MCC on Stanford online certificate course on "Introduction to cyber Attacks" (01) IV Yr	Nil	05/03/2020	30	Nil	Skill Development	
Advances In Solar Energy Technologies - III Yr - 15	Nil	20/06/2019	30	Nil	Skill Development	
Course (LVS-SWPD LV-PAC) Conducted at Siemens Centre of Excellence in Manufacturing, NIT, Trichy. III IV -7	Nil	25/11/2019	40	Nil	Skill Development	
Training Placement (Soft Skills Aptitude) II Yr (191)	Nil	20/06/2019	42	Employability	Nil	
Training Placement (Aptitude) III Yr (208)	Nil	20/06/2019	40	Employability	Nil	
Training Placement (Aptitude) IV Yr (249)	Nil	20/06/2019	42	Employability	Nil	
Swayam course IV YR - Development and application of special	Nil	16/12/2020	12	Nil	Skill Development	

Concrete (21)					
Swayam course IV YR - Advanced Foundation Engineering (18)	Nil	16/12/2019	12	Nil	Skill Development
Swayam course IV YR - Safety in construction (17)	Nil	16/12/2019	12	Nil	Skill Development
VB.NET- III Yr - 46	Nil	20/06/2019	45	Employabil ity	Nil
GATE / Competitive Exam (IVYr) - 39	Nil	20/06/2019	15	Employabil ity	Nil
Project Work (IVYr) - 39	Nil	20/06/2019	15	Nil	Skill Development
Drupal - Iv yr- 40	Nil	01/07/2019	30	Nil	Skill Development
Java - III Yr - 41	Nil	01/07/2019	30	Nil	Skill Development
Linux - II Yr -41	Nil	01/07/2019	30	Nil	Skill Development
Skill Development Course on Scratch and App Inventor (II III IV Year) 126	Nil	16/12/2019	7	Nil	Skill Development
Skill Development Course on Java its advanced features (II III IV Year) 126	Nil	16/12/2019	7	Nil	Skill Development
Skill Development Course on Machine Learning Techniques - WEKA Tool (II III IV Year) 126	Nil	16/12/2019	3	Nil	Skill Development
Communicat	Nil	16/12/2019	15	Employabil	Nil

ion Skills - II Yr - 44					ity
GATE / Competitive Exam - III Yr - 44	Nil	16/12/2019	15	Employabil ity	Nil
NPTEL/Soft ware Testing -IV Yr - 40	Nil	16/12/2019	30	Nil	Skill Development
Swayam- Python for Data science IV Yr - 40	Nil	16/12/2019	28	Nil	Skill Development
Refresher Course- Programming in Python - IV Yr - 38	Nil	16/12/2019	30	Nil	Skill Development
MHRD sponsored IIT Bombay c ertification course on LaTeX - Iv yr -37	Nil	02/01/2020	30	Nil	Skill Development
MHRD sponsored IIT Bombay c ertification course on PHP and MySQL III yr - 41	Nil	02/01/2020	30	Nil	Skill Development
MHRD sponsored IIT Bombay c ertification course on "SCILAB" (II Yr) - 15	Nil	20/06/2019	30	Nil	Skill Development
MHRD sponsored IIT Bombay c ertification course on "OSCAD" (III Yr) - 15	Nil	20/06/2019	30	Nil	Skill Development
MHRD sponsored IIT Bombay c ertification course on "LATEX" (IV Yr) - 11	Nil	20/06/2019	30	Nil	Skill Development

TP ONLINE TEST - IV Yr - 11	Nil	16/12/2019	30	Employabil ity	Nil
Communicat ion Skills - II Yr - 16	Nil	16/12/2019	15	Nil	Skill Development
MHRD sponsored IIT Bombay c ertification course on "E SIM" (II,III IV Yr) - 41	Nil	16/12/2019	30	Nil	Skill Development
MHRD sponsored IIT Bombay c ertification course on "SCILAB" (II Yr) - 62	Nil	20/06/2019	30	Nil	Skill Development
MHRD sponsored IIT Bombay c ertification course on "open foam" (III Yr) - 67	Nil	20/06/2019	30	Nil	Skill Development
MHRD sponsored IIT Bombay c ertification course on "LATEX" (IV Yr) - 89	Nil	20/06/2019	30	Nil	Skill Development
English Co mmunication programme II YR-62	Nil	16/12/2019	30	Nil	Skill Development
MCC - NON DESTRUCTIVE TESTING IV YR-89	Nil	16/12/2019	30	Nil	Skill Development
MHRD sponsored IIT Bombay c ertification course on "open foam" (II Yr) - 62	Nil	16/12/2019	30	Nil	Skill Development
MHRD sponsored IIT Bombay c ertification	Nil	16/12/2019	30	Nil	Skill Development

course on "LATEX" (III Yr) - 67	MHRD	Nil	16/12/2019	30	Nil	Skill Development
sponsored IIT Bombay c ertification course on "LATEX" (IV Yr) - 89	UHV Module - I (176)	Nil	07/08/2019	30	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
BE	CIVIL ENGINEERING	02/07/2019
BE	COMPUTER SCIENCE AND ENGINEERING	02/07/2019
BE	ELECTRICAL AND ELECTRONICS AENGINEERING	02/07/2019
BE	ELECTRONICS AND COMMUNICATION ENGINEERING	02/07/2019
BE	MECHANICAL ENGINEERING	02/07/2019
ME	COMPUTER SCIENCE AND ENGINEERING	02/07/2019
ME	POWER ELECTRONICS AND DRIVES	02/07/2019
ME	VLSI	02/07/2019

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

	Certificate	Diploma Course
Number of Students	908	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
CVA 001 Construction technology	02/07/2019	41
CSE- Visual Programming	20/06/2019	44
ECE- IOT- Siemens Center for Excellence	02/07/2019	17

ECE- Swayam- Electronic Waste Management- Issues and Challenges (46)	27/01/2020	46
A Brief introduction to Micro sensor" (04) IV Yr	27/01/2020	4
Stanford online certificate course on "Machine Learning" (01)	25/02/2020	1
ECE- Real Time Electronic System Design	02/07/2020	43
EEE - Advances In Solar Energy Technologies	02/07/2020	15
MECH - (Energy resources management)	16/12/2019	70
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	CIVIL ENGINEERING	123
BE	COMPUTER SCIENCE AND ENGINEERING	108
BE	ELECTRICAL AND ELECTRONICS AENGINEERING	37
BE	ELECTRONICS AND COMMUNICATION ENGINEERING	135
BE	MECHANICAL ENGINEERING	71
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>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,</p>

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
ME	PED	18	2	2
ME	VLSI	18	3	1
BE	MECH	120	55	43
BE	EEE	60	12	8
BE	ECE	120	75	50
BE	CSE	60	75	53
BE	CIVIL	120	21	19

[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

2019	845	10	102	12	114
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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
114	114	10	20	Nil	20
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
855	114	1:8

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
111	114	Nil	17	16

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
No Data Entered/Not Applicable !!!			

[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
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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 2019-20 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 three hours and maximum marks of 100 was practiced. 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
415	ME	PED	2	1	50

419	ME	VLSI	3	3	100
405	ME	CSE	2	2	100
114	BE	MECH	88	13	15
106	BE	ECE	50	16	32
105	BE	EEE	11	3	27
104	BE	CSE	38	15	39.4
103	BE	CIVIL	55	10	18.18
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2.7 – Student Satisfaction Survey

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

http://kingsengg.edu.in/IOAC_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)	365	PMKVY	25.6	7.68
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
Mobile App Development made Easy	CSE	13/06/2020
Cyber Security	CSE	13/06/2020
Evolution of Web and Mobile Apps	CSE	14/06/2020
Big Data System Architecture	CSE	14/06/2020
How students can make a difference in society	CSE	15/06/2020
Data Science	CSE	16/06/2020
Inspiring at workplace: sure-shot approach to success	CSE	25/06/2020
REACT Programming	CSE	08/02/2020
Graphics Designing Animation 2D 3D	CSE	15/02/2020
IOT	CSE	16/08/2019
Industrial Robot Programming	CSE	09/12/2019

Student Startup Innovation Policy Awareness	CSE	05/03/2020
Workshop on NDT Evaluation	MECH	06/03/2020
Workshop on CAD applications in digital world	MECH	06/09/2019
Workshop on Recent trends in Embedded Systems	ECE	16/08/2019
Industrial Automation	ECE	30/01/2020
International webinar on Navigating Environmental Management in the Construction Industry	CIVIL	16/07/2020
Alumni talk on Introduction to Transportation Industry with a case study	CIVIL	20/07/2020
National Level Technical webinar on The GIS : an industrial perspective	CIVIL	27/07/2020
Sensors and Controllers in Electrical Engineering Applications	EEE	16/08/2019

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
No Data Entered/Not Applicable !!!				
View File				

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
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	CSE	2	6.32
International	ECE	4	1.68
International	MECH	8	1.65
International	SH	4	4.57
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
CSE	19
ECE	12
EEE	6
MECHANICAL	5
S AND H	12
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
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	Nil	294	1897	347
Presented papers	28	33	Nil	Nil
Resource persons	Nil	Nil	Nil	6
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 !!!			
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			
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/Agen cy/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
Industrial Visit - 26.08.2019 at NLC, Neyveli	III & IV EEE Students - 26 Members	Nil	1
One Day workshop on Sensors and Controllers in Electrical Engineering Applications - 16.08.2019	Internal & External -79	Er.A.Amirthaganes, MD, Armada Industrial Automation	1
Guest Lecture on Industrial Controll ers10.08.2018	IV-EEE & III EEE 55	Er.A.Amirthaganes, MD, Armada Industrial Automation	1
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					

No file uploaded.

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
Siemens Center of Excellence in Manufacturing, National Institute of Technology, Tiruchirappalli	02/08/2019	FDP, Internship, Project, Course	144
Next Vision Scientific	06/01/2020	Placement Training Assistance	267
Centre for Excellence in Training and Research in Automation Technologies PMU, Thanjavur	01/11/2019	Workshop, Visit	70
TIDITSSIA, Trichy	22/01/2020	EDP Training Promotion	267
Hire Mee	12/07/2019	Placement Training Assistance	267

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
100	77.51

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
MTS-LIBMEN	Partially	1.3	2006

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
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	407	308	0	12	0	24	48	100	15
Added	0	0	0	0	0	0	0	0	0
Total	407	308	0	12	0	24	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 incurred on maintenance of physical facilities
5	3.72	32	29.99

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)

Institute has constituted Estate office committee comprising Estate officer and in-charges for various units. Team and its members ensures intactness of infrastructure and its operation. Periodical visits to review, meetings are organized to understand and take appropriate measures. Maintenance Complaint registers are maintained to record maintenance works of operational units. Appropriate authorities will ensure issues raised are rectified. Laboratory in-charges ensures required equipments are under operation and available as needed. Stock verification process is conducted periodically. System Administrator manage the Computing and networking facility of the entire campus. Library Advisory committee meets periodically to oversee the operations of library and ensure the needed resources are available for utilization. Institute provides the needed facility to support sports. Physical Director coordinate the operations of indoor and outdoor sport facility of the campus. Estate officer(EO) Coordinates and oversees the functions of civil, electrical maintenance, computing facilities, all buildings in the campus. Preparation and submission of proposals in consultation with the members of the Estate Office related to various construction works, maintenance works etc. to the higher authorities depending upon the nature of the work and financial implication execution and completion of the work with necessary approvals are made by EO. Dy.Warden (Men Women) plans and supports the establishment of resources at the hostel premises. Dy.warden conducts periodical meetings with the students and takes appropriate actions with the approval of the Principal. Maintenance work to be carried out at GH BH and reporting to the Estate Officer for further action through Warden. Lab-Incharges reports about the maintenance work to be done at all labs in the departments, machineries furniture to Estate Officer for further action through concerned HoD / Incharge. Technical officer coordinates Electrical Maintenance of the institute and power management, provides necessary physical and electrical arrangements. Water Supply, Maintenance of intercom Lift facilities, Sanitary inspection of all buildings, Garden maintenance are also taken care by Technical officer.

http://kingsengg.edu.in/Facilities_File/M-Procedure.pdf

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	108	1280300
Financial Support from Other Sources			
a) National	PMSS	241	14590000
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 !!!			
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the

institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	GATE coaching class	55	Nil	Nil	1
2019	GATE awareness program	23	Nil	Nil	Nil
2019	GATE Awareness program	65	Nil	Nil	Nil
2019	Awareness session - PG programmes	2	Nil	Nil	Nil
2019	GATE Coaching	23	Nil	Nil	Nil
2020	Competitive Exam coaching	16	Nil	Nil	Nil

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
No Data Entered/Not Applicable !!!		

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
Think 7 Business Solutions banglore, Bharathi Industries Coimbatore, SSF Plastics-hosur, Wonjin Autoparts-Chennai, Vee Technologies-Bangalore,	260	84	Faurecia-chennai, CTS-chennai, TCS-qualifier 2020	71	1

National Plastic-chennai, Mitsubha Sical India-chennai					
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	1	BE CSE	CSE	Vels University, Chennai	Master of Business Adm inistration
2020	1	BE CIVIL	CIVIL	SASTRA Deemed to be University	ME Structural Engineering

[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
GATE	5
Any Other	4

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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 !!!		

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						

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

5.3.2.Activity of Student Council representation of students on academic administrative bodies/committees of the institution 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:

253

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

No Data Entered/Not Applicable !!!

5.4.4 – Meetings/activities organized by Alumni Association :

09.08.2019-Alumni Talk on Career Guidance-Mr.S.R.SRIRAM (2012-16 batch),Newsreader in POLIMER TELEVISION 09.08.2019-Alumni Talk on Competitive exam Preparation-Mr.S.VASANTH (2015-19)Preparing for UPSC examination at chennai 16.08.19-Controllers in Electrical Engineering-Er. S. Jagadeesan, Technical Officer, Electronics Corporation of India Limited 17.08.2019-How to prepare and face Interview.-Mr.S.Sasikumar, Training Engineer,American Megatrends Private limited, Old Mahabalipuram Road, Chennai 17.08.2019-Motivational Talk-Ms.Kaveri, Training Engineer,Infosys Private limited, pune. 13.01.2020-Guest Lecture on "Oracle Architecture and the ITIL Concepts"-Mr. K.Sathish Raj,Oracle Database Admin,IBM India Private Limited,Chennai 21.01.2020-Alumni Talk on Career Guidance-Ms.R.UMA MAHESWARI

(2013-17),Apprentice in BHEL, Trichy 27.01.2020-Career Guidance-Er.S.Arun Shyam Raj., B.E., M.E., Project Engineer/Usha Fire Safety, Chennai.
 10.02.2020-Opportunities of Electrical Engineers in Private Sector- Er.Velmurugan, Voltech India(P) Ltd 10.02.2020-Story Telling-Er.Nithish Bathiran, Amazon India (P) Ltd. 14.02.2020-Seminar on "Being a Winner"-Mr.Jai Edilbert PRO, Social Health and Education Development India (SHED INDIA)
 15.2.2020-Workshop on "Graphic Designing and Animation - 2D 3D"-Mr. G.Vaitheeswaran Graphic Designer and 3D Modeler, Olir DesignsMr. Royal Richard Graphic Designer and Director, Olir Designs 9.3.2020-Awareness Talk on "Career opportunities and Industry Expectations"-Mr.J.D.Festus Devapriyan Project Engineer WIPRO,Bangalore 9.3.2020-Awareness Talk on "Higher Studies at Abroad"-Mr.S.Mohan KumarGMAT Scorer 10.06.2020-Trends In Automobiles- Mr.M.Satish Kumar (Alumni: 2006-10 Batch), Continental Automotives, Singapore 19.06.2020-Webinar on Robotics-Mr.E.Venugopal,Assistant Professor/EEE, Sri Easwer Engineering College , Coimbatore.

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)

Institution practices culture of decentralization and participative management. Members from all the units collectively disburse their roles towards achieving the vision of the institution. Involvement and cooperation in devising, implementing strategies and plan of action for academic administrative affairs through various bodies and committees have contributed towards progression. • 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 • Being affiliating institute, curriculum and syllabi as prescribed by the affiliating university is adopted. Value addition initiatives are offered at various stages of study period to

the students resulting in overall development. • Branchwise custom designed courses are offered as Value Added course (VAC) during III year study. Technology / skill oriented syllabus is framed and taught as VAC. Custom designed VAC is approved by Anna University and is credited for overall CGPA. • 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

- SWAYAM course enrolment is encouraged for all final students. Slots are allotted for the chosen course at regular time-table. Course in-charges track the progression of the students.
- Department of Training Placement offers structured placement training to students. TP Hours are allotted in regular time-table. Semesterwise manual is prepared and utilized towards equipping students with aptitude skills. In addition to internal training on softskills, external expert training sessions are also organized during final year study period.

Teaching and Learning

Teaching and Learning • Teaching learning practices adopted at the institute aims at attainment of course outcomes and Programme outcome as a whole. Systematic approaches towards curriculum delivery with student centric activities and mechanism of feedback at stages ensures effectiveness of the process. • 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. 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. • 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. • 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	<p>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(students) : 34 Number of seminars organized(students) : 25 State level project expo :01 Participation in Smart India Hackathon : 06</p>
Library, ICT and Physical Infrastructure / Instrumentation	<p>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.</p>
Human Resource Management	<p>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. •</p>

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

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-governance area	Details
<p>Planning and Development</p>	<p>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</p>

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, Semesterwise 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 hourwise attendance entry are made by respective course incharges. Students assignment submissions, internal assessment tests, additional tests records are uploaded using the ERP solution. Monthly AU webportal 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
2020	Dr.J.Arputha Vijaya Selvi	Nill	IEEE	2870
2020	Dr.S.Sivakumar	Nill	IEEE	2870
2020	Dr.A.Albert Martin Ruben	Nill	IEEE	2870
2020	Dr.S.M.Uma	Nill	IEEE	2870
2020	Dr.D.Sivakumar	Nill	IEEE	2870
2019	Mr. H. Agilan	Advanced Tools and Techniques for Resarch in Engineering Problems (ATTRE-2019)	AICTE Margadharsan	Nill
2019	Mr . M Melwin j sridhar	Advanced Tools and Techniques for Resarch in Engineering Problems (ATTRE-2019)	AICTE Margadharsan	Nill

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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional	Number of teachers who attended	From Date	To date	Duration
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development programme				
No Data Entered/Not Applicable !!!				
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
17	17	2	2

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Group Insurance with comprehensive coverage	Ward of the employee - fee concession, Free transport facility, Group insurance with comprehensive coverage	Meritorious students- fee waiver, Sports students - fee waiver, Economically weaker section fee waiver, University Rank holder cash awards, Batch topper - Foreign industrial visit full sponsor by management

6.4 – Financial Management and Resource Mobilization

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

<p>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 Chartered Accountant.</p>

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.,	21700000	Donation
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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	Nil	Yes	KCE MEMBERS
Administrative	Yes	CA	Yes	ADMINISTRATIVE OFFICER

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

1. 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 2. Counseling to wards in need of additional support in academics along with parents helps in supporting the progression 3. Social relevant activities are supported by parents

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

STTP on "Rural Development through Technical Education", NITTR-Kolkotta, ICT mode STTP on "Measurement issues of laboratory workshop class", NITTR-Kolkotta, ICT mode 2 day Workshop on "How to develop the written communication skill"

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

Permanent affiliation status to Civil, ECE, Mechanical branches by Anna University Collaborations with Industries strengthened Launch of Skill and Personality Development Programme centre

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
2019	Launch of Skill and Personality Development Programme Centre	02/05/2019	02/05/2019	02/05/2019	54
2019	Programme Advisory Committee, External expert review	05/11/2019	05/11/2019	05/11/2019	12
2019	Linkage with Siemens Centre of Excellence, NITT activities	02/08/2019	02/08/2019	02/08/2019	990
2019	Linkage with TIDITSSIA, Trichy	22/01/2020	22/01/2020	23/01/2020	990

	activities				
2020	FDP in association with IITB on Latex	04/05/2020	04/05/2020	04/05/2020	78
2020	International Webinar On Innovative Teaching Methodologies	10/07/2020	10/07/2020	10/07/2020	376
2020	NAAC sponsored 1 Day workshop on Innovative Pedagogy and ICT enabled Teaching-Learning Practices	10/01/2020	10/01/2020	10/01/2020	66
2020	FDP in association with IITB on Latex	29/04/2020	29/04/2020	29/04/2020	78
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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 CELL, Kaviyarasar Kalaithamizh Sangam, Competition-Drawing, Poem, Essay Writing.	11/11/2019	11/11/2019	22	Nil

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

Percentage of power requirement of the University met by the renewable energy sources
1. Solar Energy lab deployed at EEE department caters to the demands of Renewable energy systems lab 2. Pollution free, eco friendly campus .

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	Yes	Nil

Ramp/Rails	Yes	Nil
Rest Rooms	Yes	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
2019	3	4	26/06/2019	365	1. AICTE E-Margdarshan scheme 2. "PMKVY" under AICTE approval (9 courses) 3. Eco friendly, pollution free environment maintenance with scenic natural beauty	1.Awareness camps and Health Camps 2.Motivational sessions for school 3. Engineering educational opportunity employment to the local residents. 4.blood donation camp, eye camp, clean camp	990
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Student Handbook	20/06/2019	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	07/08/2019	04/04/2020	176
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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

KCE - 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. An academia-Industry interaction 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 demand 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. Due to lockdown, FVFS in this period is achieved by online interactions with Industrialists. • 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. Some students have undergone online internships during this period, due to the pandemic situation. 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 Batchwise 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. Categorywise Industrial sectors in regular interaction Production Manufacturing sectors-14, Service sectors-16, Communication sectors-01, IT sectors-01, Training sectors-01 Total-33 Faculty-Visit-To-Factory Scheme summary 2020- 82 STAFF, 2019-91 STAFF, 2018-65 STAFF, 2017-86 STAFF, 2016-80 STAFF Branchwise In-House Training (IHT) Internship Field Visit (FV) (2019-20) IHT/Internship-266 no of companies visited-33 field visit-214 • Technical Training sessions, Employability enhancement programmes, Project work expo are organized inviting industrial experts. Onlinetests 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. Identified SWAYAM courses by the department were conducted as MCC. CIVIL-55-Development and application of special Concrete, Advanced Foundation Engineering, Safety in construction CSE-38-Python for Datascience ECE-53-Electronic Waste management Issues and Challenges, A Brief introduction to Micro sensorMachine Learning, Introduction to Cyber Attacks MECH-88-Non Destructive Testing 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. Yearwise, 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. Anna University has approved 5 courses that are custom designed. 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 SWAYAM. Student Change Club meet is conducted regularly as per day order of the department. Professional society activities are conducted as per action plan semesterwise. Student feedback on the activity records effectiveness of the activities. 2. Placement track record of our institution is highly appreciable : 75 of our 2019 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) Orientation Programme (12), Bridge course-4, Guest Lecture sessions-16, Refresher course-4, Workshop-14, Seminar-25, Symposium-5, National Conference-3, Spoken Tutorial workshops-20, Alumni Interaction Sessions-17, Professional Society Activities-17, My Credit Course (MCC)/SWAYAM-234, Intra Department Paper Presentation-10, Mini- Project Expo-6, Project Expo-4, Career guidance programme-2, Higher studies guidance programme-1. Anna University Approved Value Added Courses CIVIL - CVA 001 Construction technology-41, CSE- IVA 005 VB.NET-44, ECE- IVA 019 Real Time Electronic System Design-43, EEE- EVA 002 Advances In Solar Energy Technologies-15, MECH - MVA010 (Energy resources management)-70 Programme attended by the students (External Programmes) Workshop-557, Seminar/Webinar-1263, Paper presentation (Symposium)-149, Technical events (Symposium)-52, National Conference - Paper Publication-77, International Conference - Paper publication-58, Journal publication-44, Project contest-97, Awards, Prizes-17 Staff enrichment accomplishments during Lockdown period

(Mar'20-Jul'20) FDP-588STTP-53ONLINE COURSE-54WORKSHOP-199WEBINAR-4568SWAYAM COURSE-49NPTEL COURSE-22IEEE PROGRAMME-70MHRD -IIC PROGRAMME-149AICTE COURSE-16AU PROGRAMME-2NIT /IIT PROGRAMME-44BOOTCAMP-2QUIZ-559 Problems encountered and resources required Scheduled programmes and activities for the even semester were executed through online mode.

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/IOAC_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

- Academic Collaborations with International institutions
- Strengthening initiatives towards Outcome Based Education
- Promotion of Innovation creativity
- Lecture Video sessions by faculty members
- Strengthening of Extension activities