



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		KONGU ENGINEERING COLLEGE (AUTONOMOUS)
Name of the head of the Institution		Dr .S.Kuppuswami
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		04294220583
Mobile no.		9942820583
Registered Email		principal@kongu.ac.in
Alternate Email		principal@kongu.edu
Address		Perundurai RS Road, Thoppupalayam, Perundurai
City/Town		Erode
State/UT		Tamil Nadu
Pincode		638060

2. Institutional Status																			
Autonomous Status (Provide date of Conformant of Autonomous Status)	25-Jul-2007																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	private																		
Name of the IQAC co-ordinator/Director	Dr.A.Sivakumar																		
Phone no/Alternate Phone no.	04294220583																		
Mobile no.	9865882583																		
Registered Email	iqac@kongu.ac.in																		
Alternate Email	principal_office@kongu.ac.in																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	http://www.kongu.ac.in/iqac/index.php																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	http://coe.kongu.edu/schedule.php																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>3.13</td> <td>2016</td> <td>19-Feb-2016</td> <td>18-Feb-2021</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.13	2016	19-Feb-2016	18-Feb-2021
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.13	2016	19-Feb-2016	18-Feb-2021														
6. Date of Establishment of IQAC	01-Jun-2016																		
7. Internal Quality Assurance System																			
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by IQAC	Date & Duration			Number of participants/ beneficiaries															
No Data Entered/Not Applicable!!!																			
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8. Provide the list of Special Status conferred 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
No Data Entered/Not Applicable!!!				
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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 :

2

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)

1. Teaching and Learning - Orientation Refresher Courses
2. Course Plan updation
3. Laboratory forms -Reforms
4. Competitive Exam Coaching
5. Interactive Learning
6. 100 implementation of Outcome based Education

[View File](#)

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

Plan of Action	Achivements/Outcomes
Meeting	Feed back
View File	

14. Whether AQAR was placed before statutory body ?

No

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	2018
Date of Submission	22-Nov-2018
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)	<ul style="list-style-type: none"> Planned to introduce ERP. It is a centralized system that provides tight integration with all major enterprise functions be it HR, planning, procurement, sales, customer relations, finance or analytics, as well to other connected application functions. Strongly implemented Outcomebased education (OBE). It is an educational theory that bases each part of an educational system around goals (outcomes). By the end of the educational experience, each student should have achieved the goal.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
MSc	08	Software Systems	08/02/2019
No file uploaded.			

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
No Data Entered/Not Applicable !!!				
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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 !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

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

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
Part Modelling, Product Simulation and Flow Analysis using Solid Works	04/02/2019	38
PLC and SCADA	19/09/2019	20
Automobile System Modelling and Simulation using MATLAB SIMULINK	23/11/2018	25
Automotive Component Modelling using AutoCAD	21/01/2019	32
Design and Implementation of ElectroPneumatic Circuits	23/01/2019	39
Modelling of Automotive Interior Components using CATIA	23/03/2019	20
Embedded systems and its programming Hands on practice	31/07/2018	38
Component identification, design and fabrication of small products	14/08/2018	26
Simulation and Analysis of Electrical and Electronics Circuits using MATLAB and PSIM	28/08/2018	30
MATLAB for electrical engineers	03/10/2018	31
MATLAB for engineers	31/01/2019	12
Spoken Hindi course	18/02/2019	35
FPGA Design for Signal and Image Processing	07/08/2018	77
Graphical system design for Electrical Engineers	10/09/2018	40
Real Time Embedded Systems using IoT	08/12/2018	52
Circuit Designing	26/01/2019	49
Electrical CAD	23/03/2019	30
GSD Platform Data Acquisition and Signal Conditioning	13/06/2018	31
Engineering Nanomaterials	30/07/2018	14

for sensor design and scientific applications		
Industrial Electronics circuit design and applications using EDA tools	20/08/2018	18
Signal Conditioning and Data Acquisition using GSD tools	27/08/2018	19
Programming Internet of Things	07/09/2018	25
Circuit Designing	21/09/2018	70
Relay control Logics for Real Time Applications	27/12/2018	15
Programming Internet of Things	26/01/2019	31
Object Oriented Programming using Java	11/02/2019	32
Digital Image Processing using MATLAB	09/07/2018	26
Arduino for Beginners	06/08/2018	16
Application development with SBC using open source tools	03/07/2018	24
Computer Vision Using Python	14/09/2018	16
Modeling of Digital Logic Circuits using VHDL program Schedule	05/03/2019	18
Basics of C Language	11/08/2019	14
Biomedical Equipments	04/03/2019	20
Industrial Communication, Standards and Measurements	09/02/2019	25
Workshop on Photoshop	29/12/2018	45
Advanced User Interface Technologies	28/08/2018	48
Mobile Application Development using Android	06/09/2018	30
Introduction to Python	15/08/2018	20
Application Development using Blockchain	16/07/2018	35
Advanced C Programming	21/02/2019	38
Programming IoT	21/01/2019	43
Programming in Python	15/06/2018	47
Object Oriented Programming using Java	31/07/2018	60

Advanced C Programming	09/01/2019	48
Deep Learning using Keras Framework	15/11/2018	38
Android Application and Development	12/09/2018	30
Programming IoT with Sensors	07/01/2019	30
Building IoT projects from scratch	01/03/2019	10
Hands on training in HYSYS software	16/07/2018	34
Hands on training for the testing of petroleum distillates	11/07/2018	47
Cryogenic Technology	29/08/2018	27
Spoken Hindi for Process Engineers	28/08/2018	21
Hands on training in process simulator and MATLAB	19/12/2018	31
Hands on Training in Food Analysis by Chromatography Techniques and Other Instrumental Methods	30/07/2018	25
Scientific Research Techniques for Food Materials	10/12/2018	17
Food Fortification	17/12/2018	45
Good Manufacturing Practices in Food Processing Industries	02/07/2018	25
Formulation and Technological Aspects of ChocolateAn Industrial Approach	17/09/2018	21
Fundamentals of Sensory Evaluation of Foods	21/01/2019	12
New Product development and Shelf Life Studies	28/01/2019	15
Downstream Processing for Industrially Produced Enzymes	26/02/2019	24
Yoga	24/08/2018	1526
Non Formal Course on Experience Design on Adobe Photoshop	23/08/2018	23
Non Formal Course on "Android Application	12/09/2018	39

Development		
Workshop on Aptitude Development	22/09/2018	20
Android Mobile Application Development Tool	25/08/2018	24
Programming with ASP.NET	07/03/2019	27
STAAD.pro	06/07/2018	20
REVIT Architecture	30/07/2018	21
MSP Primavera	20/08/2018	9
Hands on training on Modelling meshing and analysis using CREO and ANSYS	06/07/2018	21
Hands on training on Modelling and Assembly using CREO	10/08/2018	17
Introduction to AutoCAD	10/08/2018	23
Introduction to AutoCAD	24/09/2018	24
An introduction to an electronic diagnosis system for vehicles	06/09/2018	25
Gate coaching classes on thermal science and fluid mechanics	24/08/2018	15
Hands on training on modelling, assembly and Detailing using Creo 5.0	20/12/2018	27
Drafting and Modeling using AutoCAD	20/03/2019	20
Drafting and Modeling using AutoCAD	21/03/2019	18
Modelling and Assembly using Solid works	20/03/2019	16
Dynamics and motion control of mobile manipulators	18/08/2018	36
Machine Vision System using Lab view	30/06/2018	25
GSD platform -Data acquisition and signal conditioning	08/06/2018	38
Modelling and Analysis of Mechatronics System using MATLAB	08/02/2019	35
Servo Control	01/03/2019	20
Python Programming	18/12/2018	29
Relay Logic Control I	11/07/2018	33

Relay Logic Control II	22/08/2018	33
Analog device and digital circuit design and simulation using ORCAD	16/07/2018	32
C Programing	26/11/2018	106
Programming IoT with sensors	18/01/2019	21
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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
No Data Entered/Not Applicable !!!		
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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>Feedback collection is an essential activity for any of the academic institution. Feedback is collected from the stakeholders like alumnae, employers, parents, students and teaching faculty to analyze and to improve the performance of the college in various occasions. While framing a new regulation, the feedback about existing regulation, curriculum, syllabus for various programmes are received from the stakeholders. They can give suggestions for adding/removing the courses, contents in the curriculum and syllabus. At the end of each semester, feedback about each course which includes the parameters relevant to course objectives, course content, topics, books, etc. are collected. These are analyzed to know about the benefit of the course and the necessary changes to be incorporated in that course. Course End Survey is another way to collect the feedback about the fulfillment of the course objectives of a course from the students of a class at the end of each semester. The questions in that feedback form are relevant to the course outcomes of that course. The necessary changes are being done to improve the attainment of the course outcomes of each course. At the end of each semester, feedback about the teacher who is handling a particular course for a class is received from the students of that class. It includes parameters relevant to knowledge base, communication skills, commitment, ability to integrate the content with other courses, accessibility, etc. of the faculty. These are analyzed to know about the performance of teacher for that course for that class and the appropriate actions are taken out if needed. Each semester ParentTeacher meeting is being conducted to receive the suggestions from the parent whose ward is studying in our college. They can give suggestions about the activities like imparting knowledge, communicating information with parents, reporting marks, activities for career counseling and placement,</p>

encouraging extra cocurricular activities, maintaining discipline, handling grievances, improving infrastructure, etc. in the college. Before starting of each continuous assessment test, class committee meeting is being held for each class to collect the feedback about teaching learning process. The student members, class advisors and the head of the department shall present in the meeting. The appropriate actions will be carried out if necessary. Principal meeting with students from various semester from different programmes is being conducted whenever required. This helps to know about the feeling of the students inside the campus, academic activities, placement activities, etc. Thus the various feedback approaches are being followed to improve the overall performance of the college.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Civil Engineering	240	197	197
BE	Mechanical Engineering	240	231	231
BE	Mechatronics Engineering	120	100	100
BE	Automobile Engineering	60	47	47
BE	Electrical and Electronics Engineering	120	110	110
BE	Electronics and Instrumentation Engineering	120	95	95
BE	Electronics and Communication Engineering	240	234	234
BE	Computer Science and Engineering	240	237	237
BTech	Information Technology	120	116	116
BTech	Chemical Engineering	120	108	108
BTech	Food Technology	60	55	55
BSc	Computer System and Design	60	60	60
BSc	Information Systems	60	60	60
BSc	Software Systems	60	60	60
MBA	MBA	120	120	120

MCA	MCA	120	17	17
MSc	Software Systems	60	60	60
ME	Applied Electronics	25	1	1
ME	CAD/CAM	18	0	0
ME	CSE	25	15	15
ME	CE&M	18	18	18
ME	Engineering Design	25	8	8
ME	Mechatronics	18	2	2
ME	VLSI Design	18	2	2
Mtech	Chemical	18	4	4
Mtech	Information Technology	18	2	2
ME	Control and Instrumentation	18	2	2
ME	Communication Systems	18	4	4
ME	Power Electronics and Drives	18	7	7
ME	Structural Engineering	18	18	18
ME	Embedded Systems	18	5	5
Mtech	Information Technology (ICW)	18	0	0
Mtech	Food Technology	18	14	14
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1710	299	414	86	500

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-	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used

	Resources)				
455	353	30	79	41	30

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

Counseling of the students is being done in the counseling period in weekly basis. One teaching faculty is assigned for counseling the students in a class. Counselor has to meet each student individually and to discuss the problems of the student if any and counsel him/her appropriately. Sometimes, few of the students may be indiscipline in following the rules and regulations or fails to do the academic activities properly. The information about such student is conveyed to their parents. Then counseling of the student alongwith their parents, class advisor and the head of the department is to be done in the department. The students who have failed in two or more courses have to be considered for counseling. In this regarding, a meeting with Principal is being arranged once in a semester for such students studying in various programmes in the college and the motivation will be given by principal to complete their arrear courses successfully. Two teaching faculty members are assigned as student counselor for male students and female students in the department level. The meeting with students who need counseling is arranged whenever required. In few departments, the students who are poor in academic performance are counseled in the department level by their mentor. Each faculty member is assigned as a mentor for three or four such students in the department. The mentor and mentees meeting is being conducted after each continuous assessment test in each semester so that the progress in academic performance of the students is monitored and motivation is to be given for them if needed. Thus the college facilitates the students to solve their problems inside the campus through various ways.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
8309	500	16.62

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
417	500	6	6	188

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Ms.S.Sharmila	Assistant Professor	Best woman engineer award, IE(I), Erode Chapter, Erode
2018	Dr.T.Pradeep	Associate Professor	Dr. APJ Abdul Kalam Young Scientist Award, Marina labs, Chennai
2018	Dr.G.S.Rampradheep	Assistant Professor	ICACI Mentor Award, ACI Mumbai
2018	Dr.G.S.Rampradheep	Assistant Professor	Dr.Kalam Young Achiever Award, World Youth Federation, Chennai
2018	Dr.G.S.Rampradheep	Assistant Professor	IEI Young Engineer Award, IEI Erode Chapter, Erode
2019	Dr.S.Suchithra	Associate Professor	Outstanding Woman

			Civil Engineering, Venus International Foundation, Chennai
2019	Dr.T.Pradeep	Associate Professor	Commendable researcher award, SBIBAY Chennai
2019	Dr.G.S.Rampradheep	Assistant Professor	ACI Outstanding University - Kongu Engineering College ICACI Students Chapter Faculty Advisor, ACI USA
2019	Dr.G.S.Rampradheep	Assistant Professor	UK - India Social Innovation Challenge Award, IIT Madras University of Southampton, UK
2019	Dr.P.Navaneethakris hnan	Professor	NPTEL ACTIVE SPOC AWARD
2018	Dr.C. Maheswari	Associate Professor	Best Innovative Project Award IIT BOMBAY
2019	Dr.N.Nithyavathy	Associate Professor	Best Branch Counselor IEEE MAS
2019	Dr. R.Kiruba Shankar	Associate Professor	Startup Mania 2.0 Idea Contest Runners UP CII,Yi , National Science and Technology Entrepreneurship Development board and EDII TN govt and TBI KEC
2019	Mr. V.Arunkumar	Assistant Professor	Mentored Best Project IIT BOMBAY
2019	Dr.N.Nithyavathy	Associate Professor	IEEE WIE MAS SECRETARY IEEE MAS
2019	Dr.S.Albert Alexander	Associate Professor	Teaching Innovator Award National Level, New Delhi
2018	Dr.M.Sivachitra	Professor	Best Senior Faculty, Perambalur
2018	Dr.S.Albert Alexander	Associate Professor	P.K.Das Memorial BEST FACULTY AWARD NGI, Coimbatore
2018	Ms.S.Gomathy	Assistant Professor	Research Excellence Award
2018	Dr.M.Karthik	Associate Professor	Best Paper Award Jawahar Engineering College, Chennai

2018	Dr.S.Albert Alexander	Associate Professor	Cognizant Technology Solutions KEC Overall Best Faculty Award
2019	Dr.S.Albert Alexander	Associate Professor	Recognized as Senior Member IEEE
2019	Dr.M.Ponni Bala	Associate Professor	Best Researcher Award from DK International research Foundation
2018	Dr.G.Murugesan	Professor	Life time Achiever award IETE Foundation day celebrations
2018	Dr.K.S.Tamilselvan	Associate Professor	World Book Publishers Researchers Award 2018
2019	Dr.K.S.Tamilselvan	Associate Professor	South Indian Academic Awards Research Scientist Award
2018	Dr.N.Shanthi	Professor	Elite Gold Topper award for the online course 'The joy of computing using Python', NPTEL
2018	Dr.S.K.Nivetha	Associate Professor	Elite Gold Topper award for the online course 'The joy of computing using Python', NPTEL
2018	Dr.R.S.Latha	Assistant Professor	Elite Gold award for the online course 'The joy of computing using Python', NPTEL
2018	Dr.R.C.Suganthe	Professor	Elite Gold award for the online course 'The joy of computing using Python', NPTEL
2018	P.S.Nandhini	Assistant Professor	Elite Gold Topper award for the online course 'Internet of Things', NPTEL
2019	Dr.N.Krishnamoorthy	Associate Professor	Appreciation Award for Research Kongu Engineering College

2018	A.Jeevanantham	Assistant Professor	Best Project Award, IEEE
2018	H.Muthukrishnan	Assistant Professor	Cloud champion Award, AWS Educate / ICTACT
2019	A.Jeevanantham	Assistant Professor	Next Abdul Kalam, Varumai Foundation
2019	B.Bhuvaneswari	Assistant Professor	Best Faculty, Kongu Engineering College
2019	Dr. K. Senthilkumar	Associate Professor	Best Faculty Award 2019 Department of Chemical Engineering, Kongu Engineering College, Perundurai
2019	Ms. N. DeepaPriya	Assistant Professor	Best Young Women Engineer (Chemical Engineering Division), Institution of Engineers (IEI)
2018	Ms. N. DeepaPriya	Assistant Professor	Best Teacher National Award, IRDP Group of Journals
2018	Dr. K. Saravanan	Professor	IICHEpidilite Industries Best Student Chapter Award -Dr.B.R.Ambedkar National Institute of Technology, Jalandhar
2018	Dr. K. Senthilkumar	Associate Professor	Outstanding Best Research Paper Award - 3rd prize in SCI Journal by Nature Science Foundation, Coimbatore
2018	Dr.B.Usha	Assistant Professor	Best Researcher Award, RULA International Award
2018	Ms.S.Sathya	Assistant Professor	Best Researcher Award, RULA International Award
2018	Dr. P. Srinivasan	Assistant Professor	Best Academic Familiar Male Faculty award from the South Indian ASDF Awards 2018, Bangalore, India

2019	Dr. J. Rajini	Assistant Professor	Best Faculty Award, Vivekanandha College of Arts and Science College, Tiruchengode
2018	Dr.P.Karthikeyan	Assistant Professor	Accredited Management Teacher (AMT) from All India Management Association (AIMA), New Delhi
2019	Dr. V. Krishnamoorthy	Assistant Professor	Best Faculty Award Vivekanandha College of Arts Science for Women
2019	Dr. V. Krishnamoorthy	Assistant Professor	CMAGRD Best Management Faculty Award 2019, Coimbatore Management Association
2018	Dr. V. Krishnamoorthy	Assistant Professor	Shri P K Das Memorial Best Faculty Award in Nehru Group of Institutions 2018
2018	Dr. T. Mohanasundaram	Assistant Professor	Shri P K Das Memorial Best Faculty Award in Nehru Group of Institutions 2018
2019	Dr. P. Karthikeyan	Assistant Professor	Best Faculty award in Vivekanandha College of Arts Sciences for Women
2018	Dr. T. Mohanasundaram	Assistant Professor	AIMS National Level Best Young Teacher Award
2019	Ms.K.Chitra	Assistant Professor	Best Faculty of MCA award by Kongu Engineering College, Perundurai
2019	Dr.M.Thangamani	Assistant Professor	Best Scientist Award Research and Branding Company Noida, Delhi
2019	Dr.M.Thangamani	Assistant Professor	Best Women Scientist Award Nature Science foundation
2018	Dr.P.Balasubramanie	Professor	Leading Educationist of India /DK

			International Research Foundation
2018	Dr.P.Balasubramanie	Professor	Distinguished Professor Award/ Arunai International Research Foundations (AIRF - IRCA 2018 Awards)
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
View File				

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
353	16889	2.09

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)

No Data Entered/Not Applicable !!!

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
AUR	BE	Automobile Engineering	69	47	68.12
CER	BE	Civil Engineering	259	213	82.24
CHR	BTech	Chemical Engineering	131	111	84.73
CSR	BE	Computer Science and Engineering	251	205	81.67
ECR	BE	Electronics and Communication Engineering	259	204	78.76

EER	BE	Electrical and Electronics Engineering	140	120	85.71
EIR	BE	Electronics and Instrumentation Engineering	107	92	85.98
FTR	BTech	Food Technology	58	53	91.38
ITR	BTech	Information Technology	107	97	90.65
MER	BE	Mechanical Engineering	276	231	83.70
MTR	BE	Mechatronics Engineering	131	110	83.97
BCR	BSc	Computer Systems and Design	57	38	66.67
BIR	BSc	Information Systems	60	46	76.67
BSR	BSc	Software Systems	53	39	73.58
MBR	MBA	Master of Business Administration	115	109	94.78
MCR	MCA	Master of Computer Applications	115	98	85.22
AER	ME	Applied Electronics	3	3	100
CCR	ME	CAD/CAM	2	2	100
CIR	ME	Control and Instrumentation Engineering	1	1	100
CMR	ME	Construction Engineering and Management	15	15	100
EDR	ME	Engineering Design	8	8	100
ESR	ME	Embedded Systems	4	4	100
CNR	Mtech	Information Technology (Security and Cyberwarefare)	1	1	100
MFR	Mtech	Food	5	5	100

		Technology			
MHR	Mtech	Chemical Engineering	4	4	100
MMR	ME	Mechatronics Engineering	2	2	100
MSR	ME	Computer Science and Engineering	4	3	75.00
PER	ME	Power Electronics and Drives	2	2	100
STR	ME	Structural Engineering	18	18	100
VLR	ME	VLSI Design	4	4	100
ISR	MSc	Software Systems	28	27	96.43
No file uploaded.					

2.7 – Student Satisfaction Survey

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

<http://coe.kongu.edu/feedback.php>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

No

No file uploaded.

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	M.S.Kamalesh	Summer Faculty Research Fellowship at IIT Delhi	09/07/2018	IIT Delhi
International	Dr.P.Balasubramanie	Global Outreach Research	31/01/2019	1st Global Outreach Research and Education Summit Award 2019
National	Dr.S.V.Kogilavani	Summer Research Fellowship, IIT Guwahati	17/05/2018	Indian Academy of Science(Bangalore), INSA (New Delhi), NASI (Allahabad)
National	Dr.S.Malliga	Summer Research	17/05/2018	Indian Academy

		Fellowship, IIT Kanpur		of Science(Bangalore), INSA (New Delhi), NASI (Allahabad)
National	Ms.P.S.Nandhini	Summer Research Fellowship	15/05/2019	Institute of Development Research in Banking Technology, Hyderabad
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3.2 – Resource Mobilization for Research

3.2.1 – 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
No Data Entered/Not Applicable !!!				
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

No Data Entered/Not Applicable !!!				
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3.3 – Innovation Ecosystem

3.3.1 – 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
Seminar on "IPR Patents: Policy on IPRs by Government of India, Need and Importance of IPRs for Start Ups Innovation / Existing Enterprises and Procedures"	TBI @ KEC	28/11/2018
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3.3.2 – 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 !!!				
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3.3.3 – 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 !!!					
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Mechatronics	6
Automobile	1
EIE	2
ECE	2
CSE	8
IT	4
Food Technology	1
Physics	1
Chemistry	2
MBA	3
MCA	1
Mechanical	3

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Civil Engineering	7	0.48
International	Mechanical Engineering	19	2.06
International	Mechatronics Engineering	24	1.94
International	EEE	11	1.3
International	EIE	12	0.79
International	ECE	13	0.58
International	CSE	28	1.77
International	IT	31	0.88
International	Chemical	11	1.77
International	Food Technology	9	1.68
International	MCA	2	5.81
International	CTUG	6	1.16
International	CTPG	2	1.12
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
No Data Entered/Not Applicable !!!	
View File	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			

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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
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No Data Entered/Not Applicable !!!

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3.4.6 – 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
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No Data Entered/Not Applicable !!!

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	72	207	39	148
Presented papers	186	82	6	18
Resource persons	10	52	82	97

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
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No Data Entered/Not Applicable !!!

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
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No Data Entered/Not Applicable !!!

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3.6 – Extension Activities

3.6.1 – 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
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No Data Entered/Not Applicable !!!

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3.6.2 – 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 !!!			
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!				
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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
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3.7.2 – 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 !!!					
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			
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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
943.75	353.55

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

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
NIRMALSUITE 2014 PREMIUM PACKAGE	Fully	NIRMALSUITE 2014	1996

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	74931	30633091	957	684369	75888	31317460
Reference Books	794	7210571	104	719621	898	7930192
e-Books	0	0	262014	100300	262014	100300
Journals	335	869699	0	0	335	869699
e-Journals	41639	2813037	0	0	41639	2813037
Digital Database	3	1091438	0	0	3	1091438
CD & Video	613	296133	0	0	613	296133
Library Automation	1	100000	0	0	1	100000
Weeding (hard & soft)	1434	231031	25	4012	1459	235043
Others (specify)	8397	13462992	330	378023	8727	13841015

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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
Dr.N.Senthilnathan	Energy Audit	Google Drive	06/07/2018
Dr R Meenakumari	Electrical Safety Engineering	Slideshare	23/08/2018
R.Sasikala	Inverting and Non inverting amplifier	Google Drive	25/03/2019
V.Gowri Shankar	Stepper Motor	Google Drive	29/10/2018
V.Surendar	Control Systems, BEEE	Google Drive	20/08/2018
Dr.T.Gunasekar	Thermal Power Plants	Google Drive	18/08/2018
Dr.T.Gunasekar	Types of turbine	Google Drive	21/08/2019
Dr.T.Gunasekar	Design of UPQC	Google Drive	22/09/2018
R.Karthik Kumar	Energy Storage systems	Youtube	23/06/2018
R.Karthik Kumar	Electrical double layer	Youtube	27/07/2018
S.Gomathy	Introduction to Engineering	Google Drive	08/11/2018
M.S.Kamaleh	Communication Engineering Electrical Drives	Google Drive	10/09/2018
P.Tamilarasu	DC starter, Underground cables Energy conservation, management and auditing Financial statements	Google Drive	16/10/2018
Dr.J.Indra	VLSI Systems	www.kongu.ac.in	23/12/2018
Dr.M.Ponni Bala	Power Plant Instrumentation	www.kongu.ac.in	30/07/2018
Dr.M.Ponni Bala	Instrumentation and Control in Petrochemical and Process Industries	www.kongu.ac.in	20/02/2019
Dr.S. J. Suji Prasad	PLC, SCADA and DCS	www.kongu.ac.in	11/06/2018
Mr.S.Janarthanan	Biomedical Instrumentation	www.kongu.ac.in	09/09/2018
Ms.P.Jayashree	Analytical Instrumentation	www.kongu.ac.in	11/08/2018
Mr.N.Mahesh	Wireless Instrumentation	www.kongu.ac.in	21/03/2019
Mr.M.Karthikeyan	Total Quality Management	www.kongu.ac.in	20/06/2018
Mr.M.Karthikeyan	Bioprocess	www.kongu.ac.in	10/02/2019

	Instrumentation and Control		
Ms.P.Revathi	Neural Networks and Fuzzy Systems	www.kongu.ac.in	21/07/2018
Mr.R.Rajkumar	Transformer Analysis Using LabVIEW	www.kongu.ac.in	15/09/2019
Mr.B.Venkatesan	PLC SCADA and DCS	www.kongu.ac.in	30/08/2018
Anbumani V	Root LocusControl Systems	Google Class Room	12/08/2018
D.Malathi	Introduction to ASICs	Google Class Room	19/06/2018
D.Malathi	Physical Design	Google Class Room	23/08/2018
Mageshkumar G	Environmental Impact Assessment	Google Classroom	28/06/2018
Arun Prakash A	Linear Algebra	Google Site	02/01/2019
Arun Prakash A	Electromagnetics and Wave Guides	Google Site	12/12/2018
Arun Prakash A	Information Coding Technique	Google Site	02/02/2019
Ms.N.Anitha	OOPS	C https://www.youtube.com/watch?vgl8EIGLxdvElistPLBfoF19NLtFgV7MfkwyUF_UJeBK_skudB	11/10/2018
Mr.M.Ramalingam	Computer Networks	https://www.youtube.com/channel/UCv8wMNNcypnM7D_stmppZSw/videos	17/07/2018
Mr.K.R.Prasannakumar	Problem solving and programming	C https://www.youtube.com/channel/UC8djcs118KjflKatCfpyXmA	12/10/2018
Ms.S.Anitha	MD5 algorithmexample for onestep operation	Network Security	10/10/2018
Mr.K.Sentamilselvan	Constructor and Destructor C	C https://www.youtube.com/watch?vvBYZ2t8Bxc	21/09/2018
Mr.K.Sentamilselvan	Database Connectivity	Python Programming https://www.youtube.com/watch?vbVPlqHFDCE	06/10/2018
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth	Others
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								h (MGBPS)	
Existing	2537	81	0	2	0	1	19	380	0
Added	100	1	0	0	0	0	0	70	0
Total	2637	82	0	2	0	1	19	450	0

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

450 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
2208.75	1528.43	785	658.29

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)

•?The maintenance committee is headed by the Registrar who in turn monitors the work of the Supervisor at the next level. The Supervisor is accountable to the Registrar and functions as the coordinator who efficiently organizes the workforce, maintaining duty files containing details about their individual floor wise responsibilities, timings, leave etc. The maintenance officer conducts periodic checks to ensure the efficiency / working condition of the infrastructure. •?Adequate in house staff is employed to meticulously maintain hygiene, cleanliness and infrastructure on the campus so as to provide a congenial learning environment. Classrooms, Staffrooms, Seminar halls and Laboratories, etc are cleaned and maintained regularly by Non teaching staff assigned for each floor. Wash rooms and rest rooms are well maintained. Dustbins are placed in every floor. The Green Cover of the campus is well maintained by a full time gardener. •?Optimum working condition of all properties/ equipment on the campus is ensured through annual maintenance contracts (AMC). The AMC purview includes maintenance of Generator, Air Conditioners, CCTV cameras and Water Purifiers. Apart from contract workers, the college has trained in house electricians and plumbers. •?Lab assistants under the supervision of the System administrator maintain the efficiency of the college computers and accessories. •?Parking facility is well organized. It is efficiently maintained by annually renewed contract employees. •?The campus maintenance is monitored through surveillance Cameras. •?Every department maintains a stock register for the available equipment. •?Proper inspection is done and verification of stock takes place at the end of every year. •?The civil and electrical work is adequately monitored and maintained by the Estate office. •?Periodic reporting on requirements of repairs and maintenance are submitted by the HODs to the Administrative office. The requirements are collectively processed in every semester break so as to keep things ready for the new semester. •?Pest control of library books and records is done every year by the maintenance department. •?Estate office manager and his team are

involved in the maintenance of infrastructure facilities. This team looks after the regular maintenance of civil works such as furniture repairs, masonry and plaster works, painting, carpentry, plumbing and housekeeping. •?The nonteaching staff is also trained in maintenance of science and computer equipment. •?The Estate office workers look after the maintenance of rest rooms, approach roads and neatness of the entire premises. Housekeeping services are regularly executed and monitored.

<https://kongu.ac.in/igac/index.php>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
No Data Entered/Not Applicable !!!			
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of 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, CAT, GRE, IELTS/TOEFL, UPSC, TNPSC, IBPS and others.	379	1964	52	52
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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
0	0	0

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
No Data Entered/Not Applicable !!!					

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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
No Data Entered/Not Applicable !!!					
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
No Data Entered/Not Applicable !!!	
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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
2018	Participat ion	National	1	0	16CER010	Ms.R.Arul Selvi
2018	Participat ion	National	1	0	16ECR060	Mr.A.S.Har iharan
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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)

Students council comprising the head of the Institution and the students representatives of the each class. Students council meetings conduct periodically. Apart from that, various associations, cells, clubs, chapters and professional bodies are in place for platform to showcase the students talents in curricular, cocurricular and extra curricular activities. The following findings paved the way for the students in the participating of the students council and other activities. The Student Council creates many opportunities for leadership. To support the management and staff in the development of the college To represent the general concerns of students to the College Students council members work for the student's welfare and overall progress through continuous improvement and endeavor towards for getting the placement, higher studies and entrepreneurship. Students are the connecting bridge for the developmental activities of the college. To have strong association with their peers. Participation in the club/cell also allows students to influence the social and extracurricular activities. Course monitoring meeting are being conducted to take remedial measures for improving teaching learning practice. Remedial measures have taken for the student's grievance. Students have the

chance to hold the positions of the office bearers of the respective associations, cells, clubs, chapters, professional bodies etc. Students have an opportunity to organize the association programmes, programmes by different cells / clubs/ chapters.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

0

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

2

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

- The college promotes a culture of participative management. Students and faculty members are involved at various levels in decision making and implementation of strategies.
- Participative management is encouraged by including faculty members in the statutory bodies such as Governing Council, Academic Council, Finance Committee, Board of Studies, Disciplinary Committee, Anti Ragging Committee, etc.
- All academic activities are planned by faculty members at department level in line with college goals.

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	<ul style="list-style-type: none"> • The college follows a systematic process in the design and development of the curriculum. Syllabus is subjected to periodic revision. • Feedback from course teachers are collected by the respective departments which is consolidated and discussed in the Board of Studies for revision. Feedback from employers and alumni also give direction on the required modifications to be made in the syllabus as per industry needs.
Teaching and Learning	<ul style="list-style-type: none"> • The teaching, learning and assessment strategies of the college are structured in order to facilitate the achievement of the intended learning

outcomes. The curriculum of every semester is completed within the stipulated time through meticulous planning of the courses of study, timely conduct of continuous evaluation, end semester examinations, followed by grading of results. • The college provides course objectives and course schedule for enabling the students to get an idea of what they are going to learn. Learning in all courses is made more studentcentric. Detailed course plan in line with the prescribed syllabus for every theory course and a separate lab cycle for lab courses ensures smooth conduct of classes. • Computeraided learning is given priority in teaching and learning methods. The college creates a culture of instilling and nurturing creativity among the learners through various academic activities. It has a feedback mechanism to evaluate the teachers and the feedback is reviewed every semester. Course monitoring Committee meetings are conducted by HODs to hear the voice of students and to ensure transparency in curriculum delivery and evaluation pattern.

Examination and Evaluation

• The progress of the students in various courses is assessed continuously by conducting three module tests spread over the semester. Depending upon the course content, students are assessed through projects, individual and group assignments, case analysis, seminar presentations, role plays etc. One faculty member in each department is assigned the responsibility of coordinating continuous assessment tests and to carry out our assessment process better. This includes setting the question papers ready in time, maintain their confidentiality better, conducting the tests and to have better discipline during the examinations. • End semester examinations are conducted under the supervision of the Examination cell headed by the Controller of Examinations. The centralized paper evaluation is undertaken and the results are declared after the approval of the results passing board of the college. • Some of the features include: Central valuation Question paper vetting by the subject expert before the exams and auditing

after the examination, Transparent Revaluation ,Monitoring the performance of the students through End Semester Exams, Declaration of Results in time and conducting supplementary / arrear examination for failed students. Effective student support system with constant monitoring and counseling where each Faculty advisor motivates a group of 30 students. Student progress report is sent thrice a semester to parent to increase the rapport with stakeholders.

Research and Development

- The college has a Research Development cell to monitor and address issues related to academic research. The cell is headed by Dean (RD). Each department has a research coordinator to facilitate, monitor and encourage the research activities. RD cell conducts research workshop for scholars and faculty members.
- Teachers are informed about the various funding schemes available and they are encouraged to apply for the same. Faculty members who do not have a doctoral degree are encouraged to register for PhD. Thrust areas for research within the departments are identified and faculty members are grouped to work on the thrust areas, based on their expertise. Students and members of the faculty are encouraged to publish papers in journals and conferences.

Library, ICT and Physical Infrastructure / Instrumentation

- The college provides all infrastructures which in turn provide a conducive physical ambience for the faculty in terms of adequate library, research laboratories, ICT, computing facilities and allied services. The faculty can access ejournals subscribed by our college.
- Knowledge and information database/packages provided to the faculty and students for quality teaching, learning and research through internet and intranet facilities. Teachers have access to internet and can download teaching materials and resources and take photocopies through the reprographic facilities free of cost. The college provides the basic necessities for research in terms of lab facilities, instruments and library facilities which provides good atmosphere for effective teaching and research.

Human Resource Management	<ul style="list-style-type: none"> • The college has sincere, dedicated and committed faculty and visionary management. • The college has an adequate number of qualified and competent teachers to handle the courses. • Faculty development Programmes and training programmes are arranged for the faculty to enrich their knowledge in subject areas. • Faculties are also encouraged to participate in conferences, conclaves, workshops, etc. which help them to develop their network. • Encouragement and support are provided to faculty members for conducting industrial consultancies and training programmes.
Industry Interaction / Collaboration	<ul style="list-style-type: none"> • The Industry Collaboration is one of the core strengths of our college and this is achieved through various activities such as Facilitating inplant training, industry visits, summer and final semester internship for students across all disciplines. • Taking up industrial consultancy to provide solution for industry problems. • Training industry people on new techniques. • Deputing faculty for industry training • Signing MOUs with good companies • Membership in industry associations like CII, EDISSIA, etc.
Admission of Students	The admission process is transparent and is carried out as per the guidelines prescribed by Directorate of Technical Education, Government of Tamilnadu.

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

E-governance area	Details
Planning and Development	Approval /letters tracking system are in place Developed by KEC Faculty and students (www.approval.kongu.edu) Consultancy and Training activities approval system is done through www.iipc.kongu.edu/iipc which was developed by KEC faculty and students WhatsApp and Telegram Group helps to provide the brief notices of any event to be happened on college.
Administration	To achieve the target of Paperless, we are using the facilities Google sheets and forms for data collection, organizing seminars, workshops and programme registration etc The college communications is facilitated with cloud based email solution for faculty and students through Microsoft and

	<p>Google. Biometric attendance for teaching and nonteaching staff. The campus is equipped 324 CCTV Cameras installed at various places. CCTV surveillance on mobile by Principal</p>
Finance and Accounts	<p>We are using Tally ERP 9.0 for maintaining the transparent functioning of all Accounts of the college. Consolidated Day Book, Voucher printing, Checque printing, Cheque slip printing, Bank Reconciliation statement, Ledger, Trail Balance, Balance sheet and Income Expenditure statement are generated through Tally.</p>
Student Admission and Support	<p>The software is developed so as to fulfill the need of Student admission and Support. As the admission process is semionline, admission forms are also provided. Students submit printouts and required documents at respected counters. The software is also used for student support like issuing Transfer Certificate, Bonafide certificates and Issue of Bus Cards. The students are paying the Fee through KVB ATM anywhere in the Country. INSPRO PLUS SOFTWARE (Developed by PalPap, Chennai) is used for maintaining students details and attendance</p>
Examination	<p>Uploading the students nominal roll received from the admission section and curriculum details received from the Curriculum Development Cell to the software. Preparing course list based on current semester and previous arrear details available in the database. Online registration for the passed out students to register for their arrear courses. Timetable generation for End Semester Examination and published in the COE website. Based on the registered students, preparation of course list for question paper setting. Updating the details like shortage of attendance, Course withdrawal for the current semester. Generating day wise details with exam date and session, courses, no. of students registered to conduct End semester examinations. Generating day wise Attendance with photo of the student and barcode for the registered number to conduct the examination. Hall and seating arrangement for the end semester examination for the registered students. Updating the present and absent details of the students for each</p>

course. Generating dummy numbers for the appeared students. Allotting the courses for the various phases of valuation. Mark entry through online during valuation. Preparing data for the result Passing Board Meeting. Processing the data for the result publication. Publication of results in the COE website Updating details of the revaluation courses and publishing the revaluation results. Printing of the grade sheet and consolidated grade sheet Generating the list of students who are eligible for the award of degree to submit to the Anna University. Getting students feedback for the courses and faculty through online system. Generating and issuing the transcripts to the degree completed students.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
View File				

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						
View File						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
View File				

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

Teaching	Non-teaching

Permanent	Full Time	Permanent	Full Time
500	500	365	365

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>1.Group Insurance, 2.EPF-Applicable to all staff members, 3. Gratuity - Implemented, 4.Emergency advance for Medical treatment, 5.Sponsorship to attend Seminar / Paper presentation / Conference - in India Abroad, 6.Sponsorship to attend quality improvement and faculty development programme, 7.Revenue sharing by staff in consultancy / testing, 8.Free Lodging facility to staff members who are staying in hostels, 9.On campus Quarters facility available, 10.Bank Loan facility at concessional interest rates through the Karur Vysya Bank</p>	<p>1.Group Insurance, 2.EPF - Applicable to all eligible staff members, 3.Gratuity - Implemented, 4.Emergency advance for Medical treatment, 5.Revenue sharing by staff in consultancy / testing, 6.Free Lodging facility to staff members who are staying in hostels, 7.On campus Quarters facility available, 8.Free Uniform and Shoes are given to NonTeaching Staff, 9.Bank Loan facility at concessional interest rates through the Karur Vysya Bank, 10.ESI - Applicable to all eligible staff members</p>	<p>1.Group Insurance, 2.Full scholarship to 25 students admitted every year from Government schools, 3.Full scholarship to students who excel in sports, 4.Top 5 of students in each class are given scholarship</p>

6.4 – Financial Management and Resource Mobilization

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

Internal Audit The institution conducts internal auditing every month and it is conducted by certified chartered accountant. This covers all financial transactions and they verify the expenses and also whether the financial transactions are within the norms stipulated by the institutions. **External Audit** It is done by a certified chartered accountant from every year. They do all the financial auditing according do the financial regulations and file the accounts to the I.T. department.

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
Nil	0	Nil
No file uploaded.		

6.4.3 – Total corpus fund generated

103781000

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority

Academic	Yes	TUV SUD	Yes	ISO Cell
Administrative	Yes	TUV SUD	Yes	ISO Cell

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

Parents are regularly invited for parents meet and discussions on improving quality of education and environment for learning and other supportive services are conducted at department level.

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

1.Hands on training on Servicing and Maintenance of Equipment 2.Workshop on Working with Excel Basics of Computers and Networks 3. Training Programme for First Aid

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

1.Food wastes from the hostels are taken for bio gas plant. 2.Solar cells and solar heaters are used in the college. 3.Energy efficient lighting is adopted.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
No file uploaded.					

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
WEDP	10/10/2018	09/11/2018	0	15
Our vision is the art of seeing what is invisible	12/03/2019	12/03/2019	100	80
Workshop Regarding Personal Hygeine	11/08/2018	11/08/2018	0	12
Guest Lecture on Cyber Security	15/12/2018	15/12/2018	0	33
Ardra National Level Fest	08/02/2019	08/02/2019	0	25

SHRISTI - 2k19	08/03/2019	08/03/2019	0	26
Women Empowerment	05/07/2018	05/07/2018	0	300
Motivational speech for Second Year Students	04/07/2018	04/07/2018	139	114
Environmental Awareness	02/08/2018	02/08/2018	261	224
Tips on Developing Soft Skills and cracking Placement Interview	04/03/2019	04/03/2019	122	110
Hard Work Cannot be Replaced in a World of Instant Gratification	11/07/2018	11/07/2018	140	188
An exposure to Aerospace domain for IT professionals	21/07/2018	21/07/2018	85	130
Exposure in IT Industries	01/02/2019	01/02/2019	101	120
Role of Data Scientist in solving Business Problem in Today's VUCA world	16/02/2019	16/02/2019	101	120
Role of IT students to meet the current needs of the IT Industry	22/02/2019	22/02/2019	140	188
Training Programme On Human Rights For Students	22/10/2018	22/10/2018	56	59
Women Entrepreneurship Development Programme	08/10/2018	09/11/2018	0	18
Capacity Building programme	21/12/2018	21/12/2018	240	460
Role of Women	22/03/2019	22/03/2019	0	100

in Environmental Conservation for Sustainable Development				
Training Programme On Human Rights For Students	25/03/2019	25/03/2019	46	55
Cyber Security	15/12/2018	15/12/2018	0	43
Tips to become a successful personality	22/12/2018	22/12/2018	120	85
Career Seminar on User Interface (UI) and User Experience (UX)"	29/12/2018	29/12/2018	65	65
Your key to crack any interview	02/02/2019	02/02/2019	65	65
Career Opportunities for Higher studies	15/02/2019	15/02/2019	65	65
Scope for Electrical Engineers in Gulf Countries	06/03/2019	06/03/2019	65	65
Our vision is the art of seeing what is invisible	12/03/2019	12/03/2019	100	80
Sketch2K19	24/01/2019	25/01/2019	250	300
Enthusia 2K19	01/03/2019	02/03/2019	2800	1700
Opportunities of Electrical Engineers in Industries	06/07/2018	06/07/2018	120	110
Survival Hacks	20/07/2018	20/07/2018	66	65
Workshop Regarding Personal Hygeine	11/08/2018	11/08/2018	0	45
Development and Operation in IT	06/10/2018	06/10/2018	83	45
Women Entrepren eurship Development Programme	10/10/2018	09/11/2018	0	15

2019	6	4	19/01/2019	000	Kaatrin Mozhi 90.4	Students Talent Show	117
2018	1	1	01/07/2018	50	Swachh Bharat Pakwadha	Campus Cleanliness	51

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Academic Calendar	01/06/2018	Academic Calendar comprising Quality Policy, Rules and Regulations, IPR Policy and Various Cells and Clubs and Students Disciplinary Requirements

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			

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

Tree plantation, rain water harvesting, recycling of waste water etc., are some of the initiatives taken by the institution. Segregation of degradable and non degradable waste is done in the college campus ewaste is collected and auctioned. Waste water is recycled and used for gardening purpose. Food wastes from the hostels are taken for bio gas plant. Solar cells and solar heaters are used in the college. Energy efficient lighting is adopted. Energy audit is carried out.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1.Introduction of Autonomy subjects and change of question paper pattern to suit the needs of industry 2.Open book test to enhance the technical skills of the students 3.Introduction of continuous assessment in the lab to enhance the experimental skill of the student Conduct of GATE coaching class and introduction of inter disciplinary electives

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
<http://coe.kongu.edu/index.php>

7.3 – Institutional Distinctiveness

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

Academic year 2018_2019 has been very purposeful and fruitful. This year too witnessed many milestones in terms of achievements in Academics, CoCurricular activities, Sports and games, Research Development and consultancy activities, which further enhanced and improved the quality of education and contributed to the over all development of the students.

Provide the weblink of the institution
<https://kongu.ac.in/igac/index.php>

8.Future Plans of Actions for Next Academic Year

Planned to implement ERP for access. Planned to incorporate performance indicator measures in course plan.