



Yearly Status Report - 2015-2016

Part A

Data of the Institution

1. Name of the Institution		KONGU ENGINEERING COLLEGE (AUTONOMOUS)
Name of the head of the Institution		Prof. S. Kuppaswami
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_office@kongu.ac.in
Address		Thoppupalayam (PO) 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 .R. Somasundaram
Phone no/Alternate Phone no.	04294226620
Mobile no.	9443305502
Registered Email	iqac@kongu.ac.in
Alternate Email	principal@kongu.ac.in

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.kongu.ac.in/iqac/aqar.php
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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

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. Curriculum Development 2. Teaching and Learning 3. Industry Interaction / Collaboration 4. Research and Development 5. Library, ICT and physical infrastructure / instrumentation 6. Faculty and Staff recruitment 7. Human Resource Management 8. Examination and Evaluation

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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	Achievements/Outcomes
No Data Entered/Not Applicable!!!	
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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

No

assess the functioning ?	
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2015
Date of Submission	17-Feb-2016
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"> • Introduced Autonomy subjects and change of question paper pattern to suit the needs of industry • Implemented the concept of Open book test to enhance the technical skills of the students • Incorporated continuous assessment test in the lab to enhance the experimental skill of the student • Analysed the strategic plan for further improvement.

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
No Data Entered/Not Applicable !!!			
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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
BTech	Automobile Engineering	18/06/2015
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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 CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System

BE	All Branches	18/06/2015
BTech	All Branches	18/06/2015
BSc	All Branches	18/06/2015
ME	All Branches	18/06/2015
Mtech	All Branches	18/06/2015
MBA	All Branches	18/06/2015
MCA	All Branches	18/06/2015
MSc	All Branches	18/06/2015

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
Training for project concerning OHE	08/07/2015	480
Basics of C language	29/07/2015	32
Workshop on banners and posters designing	10/08/2015	240
Hands on training on the Freescale Car	12/09/2015	480
Placement Awareness	19/12/2015	480
Java Language	28/12/2015	480
Training Programme for Placement to the Third Year Students	05/01/2016	240
C# .NET Programming for Beginners	08/02/2016	100
Android Application Development	01/07/2015	34
Network Modeling	04/07/2015	25
C and C Plus Plus	16/11/2015	100
Mobile Application development	17/12/2015	25
Python Programming	08/02/2016	27
Oracle 11i	09/02/2016	30
Digital Image Processing using MAT LAB	29/02/2016	22
C and C Plus Plus	21/05/2016	67
.Net Framework Technologies	04/04/2016	55
Modeling and optimization of experimental data	06/07/2015	20
Modeling and optimization of MATLAB	21/07/2015	19
Hands on training for testing of petroleum	14/07/2015	40

distillates		
Nanomaterialssynthesis, characteristics and application	15/07/2015	19
Hands on training in HYSYS software	10/08/2015	31
Commercial Drinking water treatment process and analysis of water and effluent (BIS and PCB norms)	14/09/2015	25
Hands on training in chromatography techniques for food analysis	09/09/2015	30
Sensory analysis and computing methods	21/09/2015	16
Scientific research techniques for food engineers	16/12/2015	30
Dissemination of machine design and aspects of drawings in food processing equipment	06/01/2016	20
Hands on training in separation and analysis for food compounds by chromatographic techniques	14/03/2016	27
Yoga	27/07/2015	1615
IPBS Training Programme	12/09/2015	48
Fast Track Training Workshop in C and C Plus Plus	01/09/2015	35
Workshop on Aptitude Development	24/05/2016	60
STAAD Pro	11/08/2015	18
Auto CAD	12/08/2015	25
GATE coaching classes	01/08/2015	12
Fundamentals of planning and approval	02/02/2016	15
ANSYS with Finite Element Concept	29/06/2015	23
Finite Element Analysis using ABAQUS V.6.12	06/07/2015	17
Drafting and Modeling using AutoCAD	06/07/2015	22
CNC Programming and MasterCAM	13/07/2015	35

Finite Element Modeling using Hypermesh	30/10/2015	15
Automobile Mechanics and IC Engines	25/01/2016	12
Dissemination of Machine Design and Aspects of Drawings in Food Processing Equipment.	04/01/2016	20
Modeling ,Meshing and Simulation using ANSYS16.2	15/02/2016	20
Modeling and Assembly using solid works	16/02/2016	20
Drafting and Modeling using AutoCAD	15/02/2016	21
Spoken Hindi Class	15/02/2016	35
Graphical System design - Data acquisition and signal conditioning	19/02/2016	31
MATLAB Programming	29/06/2016	40
AUTOCAD	16/11/2015	24
Programming with relay logic control	03/07/2015	30
Programming with relay logic control	27/07/2015	30
Analog and Digital circuit simulation using ORCAD PSPICE	10/10/2015	30
SOLIDWORKS	01/03/2016	30
C Programming	16/11/2015	98
Embedded Programming in Mobile Robots	06/01/2016	19
C Programming for Embedded Systems Hands on Practice	10/08/2015	32
Design, Installation and Maintenance of Domestic and Industrial wiring	08/07/2015	33
Embedded C Programming using Keil and Proteus simulation tools	15/07/2015	24
Fundamentals and Safety Aspects of Electrical Engineering	27/07/2015	26
Simulation and Analysis of Electronic and Digital Logic Circuits using EDA Tools	27/07/2015	22

Fundamentals and Safety Aspects of Electrical Engineering	10/08/2015	26
Hands on Training on Electrical Design using AUTOCAD	13/11/2015	30
Embedded C Programming using Keil and Proteus simulation tools	10/12/2015	24
LabVIEW Programming for Engineering Applications	06/07/2015	32
Electronics Circuits Design using EDA Tools	10/08/2015	25
Embedded Systems Programming	08/09/2015	30
14VAC03 Graphical System Design Platform LabVIEW Core I and Core II	13/11/2015	31
14VAC05 GSD Platform Data Acquisition and Signal Conditioning	05/03/2016	31
Advanced MATLAB Programming	16/03/2016	10
ARM Processor	13/09/2015	27
LABVIEW A simulation and Emulation platform for signal processing, communication and network application	20/06/2015	22
Programming with open source embedded hardware	03/07/2015	32
Design and Analysis of Antenna and Microwave circuits using Ansys HFSS package	03/07/2015	15
SynopsysAISC design tool	17/08/2015	10
Digital image processing	13/09/2015	16
Modeling of digital logic circuits using VHDL	31/08/2015	30
Signal and image processing algorithms using MATLAB for project development	19/02/2016	15
MATLAB toolboxes for project development	03/01/2016	20
Synopsis - ASIC design tool	05/03/2016	9
Modeling of digital logic circuits using VHDL	09/01/2016	26

NS2 2016	15/03/2016	29
PCB Design	19/03/2016	28
Basics of C Language	26/08/2015	27
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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, 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</p>

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	219	219
BE	Mechanical Engineering	240	231	231
BE	Mechatronics Engineering	120	115	115
BE	Automobile Engineering	60	61	61
BE	Electrical and Electronics Engineering	120	112	112
BE	Electronics and Instrumentation Engineering	120	108	108
BE	Electronics and Communication Engineering	240	233	233
BE	Computer Science and Engineering	240	241	241
BE	Information Technology	120	115	115
BE	Chemical Engineering	120	120	120
BE	Food Technology	60	62	62
BSc	Computer System and Design	60	59	59
BSc	Information Systems	60	59	59
BSc	Software Systems	60	60	60
MBA	MBA	120	120	120
MCA	MCA	120	6	6
MSc	Software Systems	60	53	53
ME	Applied	25	14	14

	Electronics			
ME	CAD/CAM	18	0	0
ME	CSE	25	20	20
ME	CE&M	18	17	17
ME	Engineering Design	25	16	16
ME	Mechatronics	18	4	4
ME	VLSI Design	18	16	16
Mtech	Chemical	18	7	7
ME	Computer and Communication Engineering	18	0	0
ME	Control and Instrumentation	18	4	4
ME	Communication Systems	18	13	13
ME	Power Electronics and Drives	18	12	12
ME	Structural Engineering	18	16	16
ME	Embedded Systems	18	11	11
Mtech	Information Technology (ICW)	18	9	9
Mtech	Food Technology	18	4	4
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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
2015	1795	342	422	91	513

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
433	257	30	76	27	20

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
8169	513	15.92

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
512	513	49	49	126

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
2015	Dr. K Nirmalkumar	Professor	Young Scientist Award 201516, Venus International Foundation, Chennai.
2015	Dr. K Nirmalkumar	Professor	Best Professor of the Year 2015, Association of Scientists, Developers and Faculties, Pondicherry
2015	Dr.P.Navaneethakrishnan	Professor	ASDF Global Awards 2015 for Best professor
2015	Dr.P.Navaneethakrishnan	Professor	IE(India) Outstanding Engineering Award 2015
2015	Dr.P.Navaneethakrishnan	Professor	VIFRA 2015 Outstanding Scientist 2015

2016	Dr.T.P.SathishKumar	Assistant Professor	Best Mentor Award for Multi harvester and Land preparatory at SRISHTI 2016
2015	Dr. B.Meenakshipriya	Professor	Best Project IIT BOMBAY
2015	Dr. B.Meenakshipriya	Professor	Best Paper International Association of Engineering and Technology for Skill Development, Coimbatore
2015	Dr. N.Nithyavathy	Associate Professor	CLAD Certification National Instruments Bangalore
2015	Mr. A.Balaji	Assistant Professor	CLAD Certification National Instruments Bangalore
2015	Dr.N.Senthilnathan	Professor	"Best Professor of Year 2015" from Republic Of India in Association of Scientists Developers and Faculties at Pondicherry
2015	Dr.S.Albert Alexander	Assistant Professor	"Young Engineers Award" from The Institution of Engineers (India) in 31st National Convention of Electrical Engineers held at Bhopal, Madhya Pradesh
2015	Dr.S.Albert Alexander	Assistant Professor	"Young Scientist Award in Power Electronics" from Venus International Foundation, Chennai
2016	Dr.S.Albert Alexander	Assistant Professor	"ISTE Sayed Sajid Ali National Award for Outstanding Research in the Field of Renewable Energy" from the Indian Society
2016	Dr.S.Albert Alexander	Assistant Professor	"Raman Research Fellowship" from

			University Grants Commission to pursue Post Doctoral Research in North Eastern University, Boston, Massachusetts, USA
2015	Dr.R.R.Rajalaxmi	Professor	Best Reviewer, IEEEAccess
2016	Dr.S.V.Kogilavani	Assistant Professor	Best Faculty Award, Kongu Engineering College
2015	Dr.R.Manjula Devi	Assistant Professor	Shri P. K. Das Memorial Best Faculty Award 2015 for Best Faculty of Computer Science and Engineering (Junior category), Nehru College of Educational and Charitable Trust, Nehru Group of Institutions, Coimbatore
2015	Mr.S.Selvaraj	Assistant Professor	Best Performing Department Award in HECE Cell, HECE Cell , Kongu Engineering College
2015	Dr.S.Aandamurugan	Assistant Professor	UWA Effluent Star of the Decade, United Writers Association, Chennai
2015	Dr.S.Aandamurugan	Assistant Professor	Best Paper, International Journal for Modern Trends in Science and Technology
2016	Ms.D.Evangeline	Assistant Professor	Best Faculty, Kongu Engineering College
2016	Mr. A .S. PeriasamyManikandan	Assistant Professor	Best Faculty Award 2016 Kongu Engineering College
2015	Dr.V.Sangeetha	Assistant Professor	UGC Travel Grant for International Conference on Environment - ICENV2015 at Penang, Malaysia
2015	Dr.P.N.Palanisamy	Professor	Outstanding Scientist Award by

			Venus International Foundation
2015	Dr.P.Karthikeyan	Assistant Professor	Best Citizen of India Award 2015 from International Publishing House, New Delhi
2015	Dr.P.Karthikeyan	Assistant Professor	Best faculty Award(2015) from Navraj Educational Trust, Coimbatore
2015	Dr.A.Tamilarasi	Professor	Distinguished Scientist Award from Venus International foundation, Chennai
2016	Mr.A.S.Harishankher	Assistant Professor	Best Faculty Award, Kongu Engineering College
2015	Dr. M.Thangamani	Assistant Professor	Best paper Award International Journal of Advanced Engineering and Recent Technology
2015	Dr. M.Thangamani	Assistant Professor	Best paper Award Science Publication, Thailand, Pattaya
2016	Dr. M.Thangamani	Assistant Professor	Women of Distinction Award (2016) Venus International Foundation
2016	Dr. M.Thangamani	Assistant Professor	Senior Woman Educator Scholar Award National Foundation for Entrepreneurship Development
2015	Dr.P.Balasubramanie	Professor	Bharat Seva Ratan Gold medal Award from Global Economic Progress and Research Association
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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
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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
354	16387	2.16

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://coe.kongu.edu/R2014/r2014home.php>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
MTR	BE	Mechatronics Engineering	137	110	80.29
MBR	MCA	Master of Business Administration	132	112	84.85
MCR	MBA	Master of Computer Applications	110	97	88.18
AER	ME	Applied Electronics	22	21	95.45
CCR	ME	CAD/CAM	12	12	100
CIR	ME	Control and Instrumentation	17	17	100
CMR	ME	Construction Engineering and Management	18	18	100
CNR	ME	Computer and Communication Engineering	9	9	100
COR	ME	Communication Systems	18	18	100
EDR	ME	Engineering Design	23	23	100
ESR	ME	Embedded Systems	17	16	94.12
MFR	Mtech	Food	15	15	100

		Technology			
MHR	Mtech	Chemical Technology	7	7	100
MIR	Mtech	Information Technology	14	14	100
MMR	ME	Mechatronics	11	11	100
MSR	ME	Computer Science and Engineering	24	24	100
PER	ME	Power Electronics and Drives	18	18	100
STR	ME	Structural Engineering	18	18	100
VLR	ME	VLSI Design	18	18	100
CER	BE	Civil Engineering	137	115	83.94
CHR	BTech	Chemical Engineering	69	58	84.06
CSR	BE	Computer Science and Engineering	268	213	79.48
ECR	BE	Electronics and Communication Engineering	276	237	85.87
EER	BE	Electrical and Electronics Engineering	137	110	80.29
EIR	BE	Electronics and Instrumentation Engineering	136	114	83.82
FTR	BTech	Food Technology	55	46	83.64
ITR	BTech	Information Technology	134	101	75.37
MER	BE	Mechanical Engineering	275	243	88.36
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2.7 – Student Satisfaction Survey

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

<http://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	Dr.S.Albert Alexander	"Raman Research Fellowship" from University Grants Commission to pursue Post Doctoral Research in North Eastern University, Boston, Massachusetts, USA	10/02/2016	University Grants Commission
International	Dr.P.Balasubramanie	Outstanding Scientist Award	19/12/2015	Venus international Foundations Chennai
International	Dr.P.Balasubramanie	Outstanding Researcher Award	27/03/2016	Top Engineers Faculty and Student Awards (TESFA2016)
National	Dr.P.Balasubramanie	Best Scientist	09/04/2016	South Indian ASDF Awards (SIAA2016)
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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
Minor Projects	.5	IE(I)	0.5	0.5
Minor Projects	1	MEAT	1	1
Major Projects	2	ICSSR	10	10
Major Projects	3	DSTSERB	18.94	18.94
Major Projects	1.5	ICSSR	5	5
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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 !!!

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

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
National Level Technical Symposium on "ZELOS'15	Janarthanam N	Dept. of CA, KSR College of Engineering, Tiruchencode	09/10/2016	Web Design
National Level Technical Symposium on "ZELOS'15	Karuppusamy G	Dept. of CA, KSR College of Engineering, Tiruchencode	09/10/2015	Web Design
State Level Technical Symposium on "QUTRIX2K16"	Janarthanam N	Information Technology PG Research Dept. of Computer Science, Gobi Arts Science College, Gobi	13/02/2016	Software Contest
State Level Technical Symposium on "QUTRIX	Janarthanam N	Information Technology PG Research Dept. of Computer Science	13/02/2016	Paper Presentation
State Level Technical Symposium on "QUTRIX	Jambulingam R	Information Technology PG Research Dept. of Computer Science	13/02/2016	Paper Presentation
National Level Technical Symposium on "PORT16"	Jayasudha S	Dept. of IT, Sona College of Technology, Salem	08/03/2016	Web Designing
National Level Technical Symposium on "PORT	Jayasudha S	Dept. of IT, Sona College of Technology, Salem	08/03/2016	3 in A code
National Level Technical Symposium on "PORT	Boopathi raja P	Dept. of IT, Sona College of Technology, Salem	08/03/2016	3 in A code
National Level Technical Symposium on "PORT	Menaka G	Dept. of IT, Sona College of Technology, Salem	08/03/2016	3 in A code
Design	V.Sanju Priya	VNIT Nagpur	17/10/2015	Paper

Fabrication of SemiAutomated in Brick Manufacturing Process CIVIL				
Automatic Storage Retrieval System for Library ECE	V.Sanju Priya	VNIT Nagpur	17/10/2015	Paper
Automatic Pen Vending Machine MECH	V.Sanju Priya	VNIT Nagpur	17/10/2015	Paper
Robotics to Handle Molten Metal in Casting Industries EEE	T.Malarkodi	VNIT Nagpur	17/10/2015	Paper
Trend of Composite in Automobiles META	T.Malarkodi	VNIT Nagpur	18/10/2015	Paper
Automatic Pay Polish Machine PROJECT	V.Sanju Priya	VNIT Nagpur	18/10/2015	Project
MicroController Based Surveillance Robot for Military Purposes PROJECT	V.Sanju Priya	IIT Bhubaneswar	09/01/2016	Project
Rc race	M.R.Karthik, R.Kavin	Anna University, Chennai	17/02/2016	Rc race
Automatic Hacksaw Machine CIVIL	V.Sanju Priya	IIT Bhubaneswar	09/01/2016	Paper
Automated Hospital management systems CS	T.Malarkodi	IIT Bhubaneswar	10/01/2016	Paper
Recycling of Glass Fiber Composite Materials META	V.Sanju Priya	IIT Bhubaneswar	10/01/2016	Paper
Financial Crisis In China ECONOMICS	T.Malarkodi	IIT Bhubaneswar	09/01/2016	Paper
Experimental investigation of thermal performance on	T.Malarkodi	BITS Pilani Goa	06/02/2016	Paper

heat sinks in boiler CHEM				
Automatic Gear Teeth Cutting Machine PROJECT	V.Sanju Priya	BITS Pilani Goa	06/02/2016	Project
Automatic Match Stick Filling Machine To Eradicate Child Labour	V.Sanju Priya	BITS Pilani Goa	07/02/2016	Paper
Automatic Candle Making Machine MECH	V.Sanju Priya	BITS Pilani Goa	07/02/2016	Paper
Low Cost Automation Of Polymer Sack Roll Piecer MECH	V.Sanju Priya	BITS pilani, Rajasthan	26/02/2016	Paper
Autonomous Guided vehicle in Industries PROJECT	T.Malarkodi	BITS pilani, Rajasthan	26/02/2016	Project
Restaurant Automation	V.S.Abishek, O.P.Hemasri	ANNA University	12/03/2016	Paper
Automated Water Tank Cleaner	M.Alex Paulraj, C.Harish	ANNA University	12/03/2016	Paper
Automated Water Tank Cleaner	M.Alex Paulraj, C.Harish	MIT Chennai	12/02/2016	Idea Presentation
A novel approach in care taking for bed ridden patients	V.S.Abishek, R.Abishek, O.P.Hemasri	MIT Chennai	12/02/2016	Idea Presentation
Design of Automated toilet for bed ridden persons	V.S.Abishek, R.Abishek, K.V.Meiaravind	IIT, Madras	28/01/2016	Idea Spark
Design and Development of GSM based Electric tower Monitoring System	M.Saravana Kumar	NIT Trichy	06/02/2016	Paper
Smart Power Transmission	M.Saravana Kumar, N.S.Tamilanban, M.Pragadeesh	MIT, Chennai	12/02/2016	Paper
Automatic Polymer Sack Cutting Machine	M.Saravana Kumar, V.Shankar	NIT Trichy	05/03/2016	Paper
Transformer Protection	V.Shankar, C.Harish	NIT Karaikal	11/03/2016	Paper

System				
Automatic Opening And Closing Of Unmanned Level Crossing	R.Vivek, P.Vivin, S.Shiyam Sundar	IIT Bhubneshwar	08/01/2016	Paper
Robo War	M.Mohamad Asfar, R.Manojkumar, S.Harish, R.P.Dineshraj, M.Wasim Abdul Kader	ANNA University Chennai	17/02/2016	Robo war
Robowar	R.M.Vignesh, L.Santosh, M.Pradeep Kumar, K.Sathish Kumar, H.Safiulla	VNIT Nagpur	16/10/2015	Robo war
RC race	R.M.Vignesh, L.Santosh, M.Pradeep Kumar	ANNA University Chennai	17/02/2016	RC Race
RC race	L.Santosh, Vinbert Joy	IIT, Madras	24/01/2016	RC race
Robo war	K.S.Agileshwara n, G.K Ajaydhivyant, S.Kishor Kumar, N.Basheer	Anna University, Chennai	17/02/2016	Robo war
Rc race	B.Kumar, S.Deepan Raj, S.Hemanth	AnnAnna University, Chennaia University, Chennai	17/02/2016	Rc race
Robo Soccer	P.Vivin, R.Gokulakannan	IIT Madras	05/03/2016	Robo Soccer
Robo Soccer	R.Manoj kumar, K.Kural Azhagan	IIT Madras	15/04/2015	Robo Soccer
Robo war	G.Sridhar, A.R.Rajesh, Sivanesh.G, R.Pravin	MIT, Chennai	20/03/2016	Robo war
Automatic chair arrangement using free bird V robot	Shiva Prakas.S, Sankara Narayanan.M	NIT, Puducherry	20/03/2016	Paper
EYantra Robotic Competition	Naveen.N, MohamesAl Ameen.J, Lakshmanan.S, Loganathan.A	IIT, Bombay	18/03/2016	Project

Dual Power Alternator	S.P.Abinaya, R.Vasantharaj, T.Divya, M.Nandhakumar	Madras Institute of Technology, Chennai	12/02/2016	Student Project
Ferro Fluids	E.Kathirvel, K.Naveen Raj	M.Kumarasamy College of Engineering. Karur.	11/09/2015	Student Paper
Advanced life saver	M.Keshav kumar, G.Manoranjith	Vishwakarma institute of Technology, Pune	08/02/2016	Student Paper
3 Phase shunt active filter interfacing renewable energy source with power grid	K.Karthikeyani, C.Kavinela	NIT, Trichy	16/04/2016	Student Paper
Low Cost Automation	S.Harini, M.Snekha	Bannari Amman Institute of Technology, Sathyamangalam.	30/09/2015	Paper
Windmill Controlling through Mobile Phone, GSM and GRRPS Telemetry	N.Shankar	Indian Institute of Technology Madras, Chennai.	24/01/2016	Paper
Mars Rover	S.Vaibavsharvan, S.Shathesh Kumar	National Institute of Technology, Tiruchirappalli.	13/02/2016	Paper
Embedded System in Automotive Industry	S.Priyadharshini, M Priya	Karpagam Academy of Higher Education, Coimbatore.	01/03/2016	Paper
Brain Controlled Artificial Legs	V.P.Archanaa, M.Jayashree	Adhiyamaan College of Engineering, Hosur.	02/03/2016	Paper
Smart Coin Donor	S,Kowsalya	Thiagarajar College of Engineering, Madurai.	03/03/2016	Paper
Restaurant Automation	O.P.Hemasri	College of Engineering, Guindy, Chennai.	13/03/2016	Paper
Brain Controlled Robotic Wheel for Navigation Purpose	N.Shankar	SRM University, Chennai.	16/08/2015	Project

Automatic Headlight Dimmer	N.Shankar, V.P.Hari Prasad, M.Ajithkumar, V.Manobharathi	SSN College of Engineering, Chennai.	29/08/2015	Project
Ground Water Level Monitoring System	D.Kathiresan, G.Gobikrishnan, P.Kavinivedha	Coimbatore Institute of Technology, Coimbatore.	11/09/2015	Project
Electronic Eye Ball Movement Wheel Chair For Handicapped Usage	N.Shankar, P.Sathishkumar, T.Sulaiman	Sri Krishna College of Technology, Coimbatore.	15/02/2016	Project
Head Movement Based Wheel Chair Control	N.Shankar, P.Sathishkumar, T.Sulaiman	Government College of Engineering, Salem.	03/03/2016	Project
Restaurant Automation	O.P.Hemasri	TAFE, Chennai	29/03/2016	Project
Intelligent Ear	A.Vignesh	TAFE, Chennai	29/03/2016	Project
VIFFA 2015	Dr.S.Kuppuswami	Venus International Foundation	05/07/2015	Best Academic Administrator
Electrofocus16	Mohammed Nowfal	Madras Institute of Technology	26/03/2016	ESummit
Electrofocus16	S.Muthamizhan	Madras Institute of Technology	26/03/2016	ESummit
Electrofocus16	A.S.Haakaash Jaya Suooriya	Madras Institute of Technology	26/03/2016	ESummit
Electrofocus16	G.Malligarjun	Madras Institute of Technology	26/03/2016	ESummit
Electrofocus16	K.Prakash	Madras Institute of Technology	26/03/2016	ESummit
Electrofocus16	M.A.Abdul Hammed	Madras Institute of Technology	26/03/2016	ESummit
Infotra16	M.A.Abdul hameed	Coimbatore Institute of Technology	19/02/2016	Project Presentation
GYAN MITRA16	M.Jilani begum	Mepco Schlenk Engineering College	20/02/2016	Paper Presentation
GYAN MITRA16	S.Jeevitha	Mepco Schlenk Engineering College	20/02/2016	Paper Presentation

GASOLINA 2K16	G.Sivavadivel	Anna University (AC Tech Campus)	20/02/2016	Project Presentation
GASOLINA 2K16	D.Sivaabinav	Anna University (AC Tech Campus)	20/02/2016	Project Presentation
GASOLINA 2K16	M.Maruthupandi	Anna University (AC Tech Campus)	20/02/2016	Project Presentation
Best Paper Award (Automatic analysis of chlorine in water)	M.Balayadav kumar, M.Muthuprasanth	Hindustan College of Engineering and Technology, Coimbatore	15/09/2015	Paper Presentation
Student Innovator Award (Low cost Addon Wireless System for Energy Monitoring)	B.Jayakarathi, M.Kowsalya, P.Keerthana	ICTACT, Coimbatore	22/02/2016	Project Presentation
Recent trends in bio process engineering	S.Aarthi	DR.NGP Institute Of Technology, Coimbatore	19/09/2015	Poster
Ceramic Fuel C	V.Vinith, M.Dharuna	Anurag Group Of Institutions	08/10/2016	Poster
Automatic Pine Apple Peeler	C. Divya, Aishwarya	NIT , Calicut	20/02/2016	Project
Meat Processing Equipment for commercial and individual usage	Ela Arivarvalan	TNAU, Coimbatore	16/10/2015	Project
Automatic pineapple peeler cum slicer	K S Poornamathi, S Heeba K Vikashini	Vinayaga Mission, Salem	11/03/2016	Project
Natural preserves	G.Rethanya N.Dhivya bharathi	TNAU, Coimbatore	16/10/2015	Poster
Intelligent Packaging	S.Swathi Ramya S.Monisha	TNAU Coimbatore	16/10/2015	Poster
Utilisation of Pomace from wine industries	T.Mari vanathy S.Manoj kumar	NIT Calicut	20/02/2016	Poster
Fruit Leather	R.Bharathi	NIT Calicut	20/02/2016	Poster
Extraction of Sugar from Maize Stem	S.Abirami V.Ashmitha	Anna University, Chennai	18/03/2016	Poster
Ethylene	V.Urmila	Anna	18/03/2016	Poster

Absorption using natural Zeolite	B.R.Nivetha	University, Chennai		
Water melon Rind Candy	P.Sangeetha S.Bavishya	Anna University, Chennai	18/03/2016	Poster
Microwave Assisted Extraction of Polyphenols From Eclipta Prostrata	Swathi K, Sangeetha A	SSN College Of Engineering, Chennai	25/02/2016	Poster
No file uploaded.				

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
TBI@KEC	Technology Business Incubator at Kongu Engineering College	Department of Science and Technology, NewDelhi	Binary Internet Technologies Pvt Ltd	Private Limited	21/01/2016
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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
MCA	1
Electrical and Electronics Engineering	1
Electronics and Instrumentation Engineering	5
Electronics and Communication Engineering	1
Computer Science and Engineering	6
Chemical Engineering	4
Food Technology	2
Mathematics	4
Physics	3
Chemistry	2
English	1
MBA	2

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	8	0.25
International	Mechatronics	33	1.8

	Engineering		
International	Electrical and Electronics Engineering	3	6.8
International	Electronics and Instrumentation Engineering	17	0.87
International	Electronics and Communication Engineering	14	0.27
International	Computer Science and Engineering	38	1.10
International	Information Technology	16	1.70
International	Chemical Engineering	13	1.07
International	Food Technology	28	1.78
International	Mathematics	2	5.15
International	MCA	1	0.12
International	Computer Technology (PG)	11	4.04
International	Mechanical Engineering	6	1.57
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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
Mechanical Engineering	1
Mechatronics Engineering	2
Electrical and Electronics Engineering	24
Electronics and Instrumentation Engineering	61
Electronics and Communication Engineering	89
Computer Science and Engineering	2
Information Technology	22
Chemical Engineering	64
Food Technology	1
Mathematics	2
Physics	14
Chemistry	1
English	1
MBA	2
MCA	1

Computer TechnologyUG	26
Computer TechnologyPG	3
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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
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
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	81	192	44	62
Presented papers	230	121	22	44
Resource persons	3	32	59	111
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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)
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
Mechatronics	LabVIEW for Engineers	Skill Development Programme for	8250	11

		Outside Applicants. Participants from various firms		
Mechatronics	CNC Programming and Machine Operation	Skill Development Programme for Outside Applicants. Participants from various firms	64518	43
Mechatronics	CNC Programming and Machine Operation	Skill Development Programme for Outside Applicants. Participants from various firms	58740	26
Mechatronics	Analog and Digital Circuits: Design, Development and Testing	Skill Development Programme for Outside Applicants. Participants from various firms	15600	10
Mechatronics	Modern Pneumatics Control	Skill Development Programme for Outside Applicants. Participants from various firms	18750	25
EEE	Two days National level Seminar on Electrical System Design, Estimation and Maintenance for Industries	Participants from Other Engineering Colleges	20504	25
EEE	PCB Design and Layout Drawing Using Software Tools	Participants from Other Engineering Colleges	21150	35
EEE	PCB Design and Layout Drawing Using Software Tools	Participants from Other Engineering Colleges	36000	72
EEE	Handson Training on	Participants from Other	18000	40

	Solar Photovoltaic Systems	Engineering Colleges		
EEE	One day National level Workshop On Hands on Training on Computational Intelligence Techniques for Power Systems, Renewable Energy Sources Using Advance MATLAB Tool Boxes (2015b)	Participants from Other Engineering Colleges	16070	30
CSE	Workshop on Build your own website using Joomla	Colleges, Industries	24760	63
EEE	National Workshop with Handson Training on Real Time Project Design using ARDUINO: Tools and Techniques	Participants from Other Engineering Colleges	34000	68
EEE	Three Days Short Term Training Program on Services Selection Board (SSB)	Participants from Other Engineering Colleges	52500	52
EEE	Optimization Techniques for Engineering Applications	Participants from Other Engineering Colleges	29072	30
EEE	Writing effective research papers for SCI journals and preparing project proposals	Participants from Other Engineering Colleges	41700	71
EEE	Simulation of Power Electronics Circuits using MATLAB	Participants from Other Engineering Colleges	17500	35

EEE	Digital System Design, Verification and Implementation Using FPGA	Participants from Other Engineering Colleges	19400	38
EEE	Digital Signal Processing using MATLAB	Participants from Other Engineering Colleges	40500	80
CSE	Coderoid Practices on Application Development using Andriod	Colleges, Industries	19500	26
CSE	Big Data Analytics With Hadoop	Colleges, Industries	35088	80
CSE	Big Data Analytics	M.Kumarasamy College of Engineering	8772	22
CSE	Workshop on Latex	Robocrats Tech Solutions Tirunelveli Mblazad RD	20044	53
IT	NS2 at GAT Bangalore	Faculty and Students from Outside Colleges	15789	40
IT	Workshop on Art of Research Paper Writing	Faculty and Students from Outside Colleges	39737	91
IT	Workshop on Data mining toolKeel	Faculty and Students from Outside Colleges	11510	23
IT	Workshop on An Insight of MongoDB	Faculty and Students from Outside Colleges	10010	20
IT	Workshop on Hacking tools (For Beginners)	Faculty and Students from Outside Colleges	11010	22
Chemical	Workshop on "Advanced Technologies for Water and Waste water Treatment"	Training	15000	20
Chemical	Workshop on "Heat	Training	31500	21

	Exchanger"			
IT	Android Application Development at KSR College of Engineering, Tiruchengode	Faculty and Students from Outside Colleges	8067	50
MBA	Training on Investment and Tax planning	Motilal Oswal, Erode	9000	30
MBA	Training on Multivariate analysis using SPSS and AMOS	Ph. D Scholars	22550	36
EEE	Harmonics In Industrial Power Sector Causes, Effects And Control	Participants from Other Engineering Colleges	12885	15
EEE	Power Quality Issues and Its Improvement Techniques using Intelligent Controllers	Participants from Other Engineering Colleges	16400	34
EEE	Soft Computing Techniques for Power Systems, Power Electronics and Renewable Energy Sources Using MATLAB	Participants from Other Engineering Colleges	39200	45
EEE	Simulation and Analysis of Power System and Power Electronics Tools	Participants from Other Engineering Colleges	33500	41
EEE	National Workshop on Signal and Image Processing Using MATLAB	Participants from Other Engineering Colleges	49030	48
EEE	Challenges and Research perspectives in Renewable Energy Systems	Participants from Other Engineering Colleges	15000	23
EEE	Simulation and Analysis of Electronic	Participants from Other Engineering	30970	35

	Circuits using EDA Tools	Colleges		
EEE	Signals and Systems using MATLAB	Participants from Other Engineering Colleges	27690	36
Chemical	Workshop on "Hands on Training using Process Simulator"	Training	18000	12
IT	Workshop on Android Application Development	Faculty and Students from Outside Colleges	17455	20
IT	NS2 and NS3	Faculty and Students from Outside Colleges	22982	21
IT	Wireless Networks Network Simulators	Faculty and Students from Outside Colleges	18948	18
IT	Practical Issues in building wireless Sensor Networks	Faculty and Students from Outside Colleges	26316	24
Mechatronics	Design of Experiments for Researchers	Skill Development Programme for Outside Applicants / Participants from various firms	24697.5	40
Mechatronics	Design of Experiments	Skill Development Programme for Outside Applicants Participants from various firms	19000	23
Mechatronics	Effective Research and Technical Paper Writing	Skill Development Programme for Outside Applicants. Participants from various firms	11447.5	17
ECE	Signal and image	Training	31272	25

	processing Algorithms using MATLAB for project development			
ECE	Simulation and Emulation of Self organized Networks	Training	94545	62
ECE	Image processing Techniques using MATLAB	Training	32280	32
ECE	Simulation and Emulation of Self organized Networks	Training	91800	51
ECE	Research Implications And Analysis of Smart Antenna Systems For Advanced Imaging	Training	51000	34
ECE	Image Processing Techniques Using MATLAB	Training	25100	24
CSE	Workshop on Soft computing Techniques using Matlab	Colleges, Industries	23150	21
CSE	Hands on NS2	Colleges, Industries	46500	38
MBA	Training on Art of Writing Research Papers and Getting Research Funding in Social Sciences	Ph. D Scholars	10000	30
CT UG	Hands on training ontology and knowledge engineering tools - a research perspective	Academicians / Industry / Researchers	8936	18
CT PG	Art of Writing publishing effective Research paper in journals and	Training	63270	77

Conferences				
CSE	Workshop on Application Development using C# .Net	Colleges, Industries	15720	40
CSE	Workshop on Cloud Computing Tools	Colleges, Industries	7860	18
CSE	Workshop on Big Data Analytics with Hadoop	Colleges, Industries	9869	22
Mechatronics	Project: SCADA model for boiler temperature control process, KLN College of Engg., Madurai	Skill Development Programme for Outside Applicants. Participants from various firms	7000	1
Mechatronics	Project: PVC based solar pump irrigation using PLC for water savings and eco friendly environment, KLN College of Engineering, Madurai	Skill Development Programme for Outside Applicants. Participants from various firms	3600	4
Mechatronics	Hands on Training on Mobile Robots	Skill Development Programme for Outside Applicants. Participants from various firms	31584	12
Mechatronics	Workshop on Relay logic, PLC and SCADA	Skill Development Programme for Outside Applicants. Participants from various firms	44400	12
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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
Social Service Events Conducted by NSS	Best Unit	Anna university, Chennai	90
Social Service Events Conducted by NSS	Best Volunteer	Anna university, Chennai	3
No file uploaded.			

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
Swachh Bharat Abhiyan	NCC, ERODE Kongu Engineering College	Swachh Bharat	1	70
Swachh Bharat Abhiyan	NCC, ERODE Kongu Engineering College	Battalion Blood Donation Camp	1	30
Swachh Bharat Abhiyan	NCC, ERODE Kongu Engineering College	AntiTobacco and Drug Abuse Awareness Rally	1	70
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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
678.55	391.76

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	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
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	71777	28755711	1097	666768	72874	29422479
Reference Books	414	3772074	67	566124	481	4338198
e-Books	0	0	0	0	0	0
Journals	342	858884	0	0	342	858884

e-Journals	7014	1895603	0	0	7014	1895603
Digital Database	3	754780	0	0	3	754780
CD & Video	613	296133	0	0	613	296133
Library Automation	1	100000	0	0	1	100000
Weeding (hard & soft)	1281	227625	153	3406	1434	231031
Others (specify)	7742	11606113	275	777331	8017	12383444
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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.J.Indra	Microprocessors and Microcontrollers	www.kongu.ac.in	15/06/2015
Dr.S. J. Suji Prasad	PLC, SCADA and DCS	www.kongu.ac.in	08/07/2015
Mr.C.Aravind	Environmental Instrumentation	www.kongu.ac.in	20/02/2016
Ms. K.Chitra	OOAD Introduction	https://www.youtube.com/watch?v=ICTCH2KQgUs	26/01/2016
Ms. K.Chitra	Object Relationships	https://www.youtube.com/watch?v=YOzgX0A28	14/03/2016
Ms. K.Chitra	Modeling UML Class Notations	https://www.youtube.com/watch?v=vviukAkt7_I	05/04/2016
Ms. K.Chitra	Introduction about OOSD	https://www.youtube.com/watch?v=DzrqruckiWI	14/03/2016
Ms. K.Chitra	Object Oriented Methodologies	https://www.youtube.com/watch?v=0ZTJeEzbZdg	29/03/2016
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 (MGBPS)	Others
Existing	2067	76	0	2	0	1	19	160	0

Added	0	0	0	0	0	0	0	0	0
Total	2067	76	0	2	0	1	19	160	0

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

160 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
1688.5	1099.75	702	520.86

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/iqac/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 !!!			
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2016	GATE, CAT, GRE, IELTS/TOEFL, UPSC, TNPSC, IBPS and others.	561	6000	96	90
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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 !!!					
View File					

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

Year	Number of	Programme	Department	Name of	Name of
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	students enrolling into higher education	graduated from	graduated from	institution joined	programme admitted to
No Data Entered/Not Applicable !!!					
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
No Data Entered/Not Applicable !!!	
View File	

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
View File		

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
2015	Participation	National	1	0	14CEL252	Mr. M.Logesh
2015	Participation	National	1	0	13MTR008	Mr.S.Aravindh
2015	Participation	National	1	0	13MER014	Mr.K.Arumuga Nainar
2015	Participation	National	1	0	13CER164	Mr.S.Sarath Kannan
2015	Participation	National	1	0	15ECR211	Ms. B.S.Su mapriyanka
2015	Participation	National	1	0	15CHR067	Ms.C.Mythili
2015	Participation	National	1	0	14BIR016	Ms.P.Jeevitha
2015	Participation	National	1	0	12EER085	S.Santhoth
2015	Participation	National	1	0	14CSR117	Ms.N.Nivetha
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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
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.
Curriculum Development	<p>The college follows a systematic process in the design and development of the curriculum. Syllabus is subjected to periodic revision.</p> <p>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.</p>
Research and Development	<p>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.</p>
Library, ICT and Physical Infrastructure / Instrumentation	<p>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.</p> <p>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.</p>

<p>Human Resource Management</p>	<p>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.</p>
<p>Industry Interaction / Collaboration</p>	<p>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.</p>
<p>Teaching and Learning</p>	<p>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</p>

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.

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

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

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 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

Finance and Accounts

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.

Student Admission and Support

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

Examination

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 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)
2015	FDP "Placement and Training"	Nil	12/10/2015	13/10/2015	3	0
2015	FDP on	Nil	01/12/2015	04/12/2015	3	0

	"Pedagogy Training for faculty"					
2015	Nil	Handson training on "Servicing and Maintenance of Electronic Equipments	12/09/2015	12/09/2015	0	14
2015	DBT Sponsored Seminar Analysis of Signal and Image Processing Techniques for Diagnosis of Neuro and Cardiac Abnormalities	Nil	16/10/2015	17/10/2015	4	0
2016	DBT Sponsored National level seminar on Data Science :Scope of Big Data in Genomic sequencing and Diagnostic Imaging	Nil	19/03/2016	19/03/2016	16	0
2015	DBT Sponsored Nature Inspired Computing and Computational Biotechnology Applications	Nil	16/10/2015	17/10/2015	3	0
2016	Deity Sponsored National Level Awareness Workshop	Nil	04/03/2016	05/03/2016	9	0

	on Intellectual Property Rights					
2015	Entrepreneurship Programme, TBI, KEC	Nil	23/11/2015	05/12/2015	1	0
2016	NBHM sponsored workshop Graph Theory and its Applications in Big Data Analytics	Nil	11/02/2016	13/02/2016	6	0
2015	User Interface Design Human Resource Management	Nil	29/06/2015	30/06/2015	1	0
2015	Design and Analysis of Algorithm, Human Resource Management User Interface Design	Nil	27/06/2015	30/06/2015	1	0
2015	Nil	Working with Excel and Basics of Computers and Networks	30/11/2015	01/12/2015	0	4
2015	Principles of Management	Nil	07/12/2015	07/12/2015	4	0
2015	Software Architecture	Nil	05/12/2015	05/12/2015	3	0
2015	Client Server Computing	Nil	08/12/2015	08/12/2015	2	0
2015	Nil	Working with Excel and Basics of Computers	30/11/2015	01/12/2015	0	1

		and Networks				
2016	Introducti on to Structural Engineerin g	Nil	04/01/2016	09/01/2016	34	0
2015	Disseminat ion of fracture mechanics in life assessment of pressure vessel components	Nil	25/06/2015	25/06/2015	50	0
2015	Evolutiona ry Humanoid Robotics	Nil	30/10/2015	31/10/2015	18	0
2015	FDP On Ent repreneurs hip	Nil	23/11/2015	05/12/2015	2	0
2015	Disseminat ion Of Fracture Mechanics In Life Assessment Of Pressure Vessel Components	Nil	25/06/2015	25/06/2015	7	0
2015	Human Resource Management	Nil	30/06/2015	30/06/2015	1	0
2015	User Interface Design	Nil	28/06/2015	29/06/2015	1	0
2015	Design and Analysis of Algorithm, User Interface Design	Nil	27/06/2015	29/06/2015	1	0
2015	.Net Progr amming	Nil	28/06/2015	28/06/2015	4	0
2016	Engineerin g In Biomedical Devices	Nil	08/01/2016	08/01/2016	9	0

2016	International Conference On "Sustainable Materials, Design And Applications"	Nil	17/03/2016	18/03/2016	26	0
2015	Nil	Servicing And Maintenance Of Electronic Equipments	12/09/2015	12/09/2015	0	2
2015	Nil	Mastercam X9 Software Training	16/11/2015	21/11/2015	0	1
2015	National Seminar on Advances in BioInspired Computing for medical image Diagnostics	Nil	19/06/2015	20/06/2015	16	0
2015	Fusion Techniques for Improved Analysis, Detection Diagnosis Of Abnormalities In Biomedical Images	Nil	20/06/2015	20/06/2015	43	0
2015	TNSCST sponsored workshop on Embedded system and sensor technologies	Nil	01/10/2015	02/10/2015	77	0
2015	Model Development for Biological Anomaly Detection using Immune Eng	Nil	10/12/2015	11/12/2015	40	0

	ineering Tools					
2016	DBT Seminar on Hand vein biometric system for real time authentication system using computational intelligence	Nil	26/02/2016	26/02/2016	35	0
2016	IBM Worklight Training with HTML5, Java Scripting, CSS, Dojo, JQuery	Nil	23/04/2016	30/04/2016	9	0
2016	Infosys Campus Connect TTT on "Python Programming	Nil	27/04/2016	29/04/2016	7	0
2015	ISTEWorkshop on Introduction to Design of Algorithms	Nil	25/05/2016	30/05/2016	2	0
2015	Lecture on path towards Effective Research Refresher Programme	Nil	20/06/2015	20/06/2015	1	0
2016	NBHM Sponsored Workshop on Graph Theory and its Applications in Big Data Analytics	Nil	11/02/2016	13/02/2016	18	0
2015	Design and Analysis of	Nil	27/06/2015	30/06/2015	1	0

	Algorithm, Human Resource Management					
2016	DBT Sponsored Seminar on Data science : scope of big data in genomic sequencing and diagnostic imaging	Nil	19/03/2016	19/03/2016	19	0
2015	Hands on training on High Pe rformance Liquid Chr omatograph y - Operation and Troubl eshooting	Hands on training on High Pe rformance Liquid Chr omatograph y - Operation and Troubl eshooting	22/06/2015	23/06/2015	15	3
2015	Faculty De velopment programme on Entrepr eneurship	Nil	23/11/2015	05/12/2015	1	0
2015	New faculty induction programme	Nil	01/12/2015	04/12/2015	3	0
2015	ISTESTTP workshop on Enginee ring Physics KEC - Remote center (Sponsored by IITB, National Mission on Education Through ICT, MHRD)	Nil	08/12/2015	18/12/2015	13	0
2015	ISTE STP on Environ mental Studies organized by IIT	Nil	02/06/2015	12/06/2015	5	0

	BOMBAY Kongu Engi neering College, Perundurai					
2015	One day workshop on English Proficiency Developm ent	Nil	29/08/2015	29/08/2015	50	0
2015	One Day National Workshop on How to Write Effective Research Papers for Conference s and Journals	Nil	12/09/2015	12/09/2015	25	0
2015	A twoday training cum workshop on Research in ELT and Applied Li nguistics	Nil	04/03/2016	05/03/2016	7	0
2016	A oneday workshop on Functional Grammar and Grammar teaching	Nil	26/04/2016	26/04/2016	47	0
2016	A 2day Teacher Support programme for Business English Ce rtificate (BEC) in c ollaborati on with Placement	Nil	02/05/2016	03/05/2016	18	0
2016	Seminar on Model deve lopment for biological	Nil	19/02/2016	20/02/2016	40	0

	anomaly detection using immune engineering tools					
2016	IETE sponsored Conference on VLSI, Embedded Systems, Signal Processing and Communication (VESCOM 2016)	Nil	02/04/2016	02/04/2016	27	0
No file uploaded.						

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
513	513	345	345

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
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	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	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

staying in hostels, 9.On campus Quarters facility available, 10.Bank Loan facility at concessional interest rates through the Karur Vysya Bank

rates through the Karur Vysya Bank, 10.ESI - Applicable to all eligible staff members

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 IT 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

765138484.00

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. The need for training requirement for support staff is identified at department level and they are trained accordingly. 2.Tree plantation, rain water harvesting, recycling of waste water etc., are some of the initiatives taken by the institution. 3.Segregation of degradable and nondegradable waste is done in the college campus ewaste is collected and auctioned.

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
Entrepreneurship Awareness Camp	18/02/2016	20/02/2016	5	0
Role Of Electrical Instrumentation Engineers in Kudankulam	15/09/2015	15/09/2015	98	42
Career Opportunities in BHEL	23/09/2015	23/09/2015	98	42
Women Entrepreneurship	14/10/2015	14/10/2015	35	0
Work shop on "Skin Care"	12/12/2015	12/12/2015	41	0
Recent Trends In Power Sector	06/01/2016	06/01/2016	81	55
Career Opportunities	09/01/2016	09/01/2016	90	40
On Inner Engineering	12/01/2016	12/01/2016	81	55
Entrepreneurship Development	01/08/2015	01/08/2015	28	0
Guest Lecture on "Women Entrepreneurship"	14/10/2015	14/10/2015	15	0
Work shop on "Skin Care"	12/12/2015	12/12/2015	24	0
SHRISTI - 2k16 (Women's Day Celebration)	08/03/2016	08/03/2016	108	0

Interaction Programme by Final year students	04/07/2015	04/07/2015	135	120
Interaction Programme on Engineering and Entrepreneurship	14/08/2015	14/08/2015	127	132
Interaction Programme on Valzhvae Un Vasamaagum	09/09/2015	09/09/2015	156	123
A debate programme on Generous or Selfishness- Which is important for Life	09/02/2016	09/02/2016	140	130
Moral and Ethical values in life	22/02/2016	22/02/2016	151	117
Opportunities for IT Sector in Transport	16/07/2015	16/07/2015	216	155
Virtualization Entrepreneurship	04/11/2015	04/11/2015	155	98
How to join Armed Forces	27/01/2016	27/01/2016	130	104
How to survive in IT industry	19/02/2016	19/02/2016	216	155
Recent Advances of Topology in Biomedical Image Processing	31/03/2016	31/03/2016	30	20
Training Programme On Human Rights For Students	09/03/2016	09/03/2016	62	58
Entrepreneurship Awareness Camp	28/01/2016	28/01/2016	5	3

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
28.74

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
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Physical facilities	Yes	12
Provision for lift	Yes	1000
Ramp/Rails	Yes	12
Braille Software/facilities	No	0
Rest Rooms	Yes	13
Scribes for examination	Yes	3
Special skill development for differently abled students	No	0
Any other similar facility	No	0

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
No Data Entered/Not Applicable !!!							

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Academic Calendar	01/06/2015	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
Course on Value Education	29/07/2015	27/04/2016	1861
Course on Professional Ethics and Human Values	09/12/2015	07/04/2016	1645

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 nondegradable 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 f 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

The academic year 20152016 has been very purposeful and fruitful. This year witnessed many milestones in terms of achievements in Academics, CoCurricular activities, Sports and games, Research Development and consultancy activities which improved the quality of education and allround development of the students.

Provide the weblink of the institution

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

8.Future Plans of Actions for Next Academic Year

The college has developed a strategic plan for five years. Based on the strategic plan, we have a yearly plan for the year 201617