

**KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE-638060**  
**INTERNAL QUALITY ASSURANCE CELL (IQAC)**

16.11.2020

**Academic Audit for the Year 2019-20**

Academic Audit for the Year 2019-20 is scheduled from 02.12.2020 to 04.12.2020. The following teams are designated for auditing various academic departments. The team members are requested to audit the system, documentation processes and report the observations and non-conformities to IQAC on or before 08.12.2020. HODs and IQAC Coordinators are requested to keep all the relevant documents ready for the audit.

<b>Overall Monitoring Team</b>		<b>Overall Coordinating Team</b>	
1. Dr.U.S.Raghupathy / EIE	2. Dr.P.Selvakumar / Mech	1. Dr.M.Srinivasan - 8056763589 / EEE	
3. Dr.S.Balaji / Civil		2. Mr.B.Venkatesan - 9080297708 / EIE	
	<b>Department to be Audited</b>	<b>Name of the Auditor</b>	<b>Date of Audit</b>
1.	Civil Engineering	Dr.K.Krishnamurthy/MTS Dr.C.Nalini/IT Dr.C.Rangasami/Physics	02.12.2020 & 03.12.2020
✓ 2.	Mechanical Engineering	Dr.K.Tamilarasan/Physics Dr.R.Parameshwaran/MTS Dr.V.Sangeetha/FT	02.12.2020 & 03.12.2020
3.	Electronics and Communication Engineering	Dr.K.Saravanan/Chemical Dr.P.Priakanth/CSE Dr.B.Meenakshipriya/MTS	02.12.2020 & 03.12.2020
4.	Electronics & Instrumentation Engineering	Dr.N.Shanthi/CSE Dr.K.Kannan/Chemical Dr.S.Maheswaran/ECE	02.12.2020 & 03.12.2020
5.	Food Technology	Dr.S.Anandakumar/Civil Dr.J.Premalatha/IT Dr.S.J.Suji Prasad/EIE	02.12.2020 & 03.12.2020
6.	Automobile Engineering	Dr.R.Meenakumari/EEE Dr.R.Baskar/FT Dr.S.Shankar/MTS	02.12.2020 & 03.12.2020
7.	Management Studies	Dr.P.Senthil Velmurugan/Mech Dr.P.Balasubramanie/CT PG Dr.V.Chitra Devi/FT	02.12.2020& 03.12.2020
8.	Computer Applications	Dr.S.Malliga/CSE Dr.P.Natesan/CT UG Dr.K.Senthilkumar/Chemical	02.12.2020 & 03.12.2020
9.	Computer Science and Engineering	Dr.T.Meeradevi/ECE Dr.R.Thamilselvan/MCA Dr.S.Albert Alexander/EEE	03.12.2020& 04.12.2020
10.	Chemical Engineering	Dr.S.Kandasamy/FT Dr.R.C.Suganthe/CSE Dr.S.Selvakumar/Mech	03.12.2020& 04.12.2020
11.	Electrical and Electronics Engineering	Dr.R.Thangarajan/IT Dr.R.Rajasekar/Mech Dr.P.Sivaranjani/ECE	03.12.2020& 04.12.2020
12.	Information Technology	Dr.G.Murugesan/ECE Dr.R.Subasri/EIE Dr.T.Gunasekar/EEE	03.12.2020& 04.12.2020
13.	Mechatronics Engineering	Dr.P.Somasundaram/Auto Dr.S.Vijayachitra/EIE	03.12.2020& 04.12.2020

		Dr.P.Nirmaladevi/ECE	
14.	Computer Technology-UG	Dr.S.Varadhaganapathy/IT Dr.R.Somasundaram/MBA Dr.P.S.Kothai/Civil	03.12.2020& 04.12.2020
15.	Computer Technology-PG	Dr.P.N.Palanisamy/Chemistry Dr.R.R.Rajalaxmi/CSE Dr.V.Hariharan/Mech	03.12.2020& 04.12.2020
16.	Science and Humanities (Maths/Physics/Chemistry/English)	Dr.P.Navaneethakrishnan/Mech Dr.N.Senthilnathan/EEE Dr.A.Tamilarasi/MCA Dr.N.Kasthuri/ECE Dr.C.S.Kanimozhi Selvi/CSE Dr.J.Indra/EIE	03.12.2020& 04.12.2020

Principal/IQAC Chairman

To  
CCOs & HODs (individual circulation)  
IQAC  
File

Copy submitted to the Correspondent, KEC

JS.

## Change of Auditors - Regarding

IQAC <isocell@kongu.ac.in>

Sun 20-12-2020 18:05

**To:** HOD\_Electronics and Comm. Engineering <hod\_ece@kongu.ac.in>; HOD\_Mechanical Engineering <hod\_mech@kongu.ac.in>; HOD\_Computer Technology(UG) <hod\_ctug@kongu.ac.in>; HOD\_MTS <hod\_mects@kongu.ac.in>; HOD\_AUTOMOBILE <hod\_auto@kongu.ac.in>

**Cc:** Dr.N.Kasthuri <kasthuri@kongu.ac.in>; Dr.R Parameshwaran <paramesh\_r@kongu.ac.in>; Dr.P.Priakanth <peeree@kongu.ac.in>; Varadhaganapathy <varadhaganapathy@gmail.com>; Dr.S.Shankar <shankar@kongu.ac.in>; KEC-Accreditation <accreditation@kongu.ac.in>; Venkatesan B. <venkatesan.eie@kongu.ac.in>

Dear Professors,

With respect to Principal's Circular regarding Academic Audit dated 16.11.2020, the following changes are made due to unusual circumstances with the consent of CCO-Accreditation:

1. For Electronics and Communication Engineering, the appointed Auditor Dr.B.Meekashipriya, of Mechatronics is replaced by Dr.S.Varadhaganapathy of IT and Dr.P.Priakanth, of CSE is replaced by Dr.R.Parameshwaran of Mechatronics.
2. For Computer Technology-UG, the appointed Auditor Dr.S.Varadhaganapathy of IT is replaced by Dr.N.Kasthuri of ECE.
3. For Automobile Engineering, the appointed Auditor Dr.S.Shankar of Mechatronics is replaced by Dr.P.Priakanth, of CSE.
4. For Mechanical Engineering, the appointed Auditor Dr.R.Parameshwaran of Mechatronics is replaced by Dr.S.Shankar of Mechatronics.

Thanks and Regards,

**Dr.P.Selvakumar**

**IQAC Assistant Chief Coordinator**

**Kongu Engineering College**

**Perundurai- 638060**

**Mobile: 9566341992**

## Change of Auditors - Regarding

IQAC <isocell@kongu.ac.in>

Mon 21-12-2020 15:12

**To:** HOD\_English <hod\_english@kongu.ac.in>; Dr.P.Navaneethakrishnan <pnk@kongu.ac.in>  
**Cc:** Dr.E.Gothai <egothai@kongu.ac.in>; Ramya D. <dramya@kongu.ac.in>

Dear Professors,

With respect to Principal's Circular regarding Academic Audit dated 16.11.2020, the following changes are made due to unusual circumstances with the consent of CCO-Accreditation:

1. For Science and Humanities the appointed Auditor Dr.N.Kasthuri, of Electronics and Communication Engineering is replaced by Dr.E.Gothai of Computer Science and Engineering.

Thanks and Regards,

**Dr.P.Selvakumar**

 QAC Assistant Chief Coordinator

Kongu Engineering College

Perundurai- 638060

Mobile: 9566341992

## Academic Audit Evaluation sheet and Sample Evaluation - Regarding

IQAC <isocell@kongu.ac.in>

Thu 17-12-2020 20:46

**To:** ccos&hods <ccos&hods@kongu.ac.in>  
**Cc:** KEC-Accreditation <accreditation@kongu.ac.in>; Venkatesan B. <venkatesan.eie@kongu.ac.in>; Dr.M.Srinivasan <srinieee@kongu.ac.in>

3 attachments (587 KB)

Audit Evaluation Form 2019-20.pdf; IQAC Audit circular.pdf; sample calculation for evalution form.jpg;

Dear Auditors,

Herewith, I have attached the Audit Evaluation Sheet for the Academic Year 2019-20. The evaluation has to be done using Weighted Grade Point Average Method. The sample evaluation calculation is also attached. For clarifications, Members from Overall Monitoring and Coordination and Team will be available for support on the day of audit.

I request the HODs to share the same with your department faculty members acting as Auditors.

The completed Audit report may be submitted on or before 4th January 2021.

Thanks and Regards,

**Dr.P.Selvakumar**

**IQAC Assistant Chief Coordinator**

Kongu Engineering College

Perundurai- 638060

Mobile: 9566341992



*Dr  
P  
18/12/2022*

### Audit Evaluation Sheet for the Academic Year 2019-2020

Auditors Name and Designation :

Date of Audit :

Audited Department :

S.No	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Please circle the score (0-Low score , 4- High score)					Weighted Average	Observations
I.	Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/ F01	CDC-01,02	40	0	1	2	3	4		
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0	1	2	3	4		
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0	1	2	3	4		
		Minutes of BOS Meeting		CDC-08, 09		0	1	2	3	4		
		Improvement in Regulations		CDC-04		0	1	2	3	4		
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVA C/F01	NVC-01 to 06	30	0	1	2	3	4		
		Student involvement in field projects/internships	KEC/DEPT/PC/F0 1	PC-05		0	1	2	3	4		
		Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	KEC/DEPT/CDC/ F01	CDC-07A, 07C ,07E, 07F, 07G, 07P	40	0	1	2	3	4		
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/ F01	CDC-03,04, 06	40	0	1	2	3	4		
		Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F 01	TTI-01,02		0	1	2	3	4		
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 05		0	1	2	3	4		

2.	Teaching -Learning Process (300)	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/F01	HOD-03	20	0	1	2	3	4		
		Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		0	1	2	3	4		
		Structured Course Plan	KEC/DEPT/CCT/	CCO-01	100	0	1	2	3	4		
		Course Coordination Meeting		CCO-02		0	1	2	3	4		
		Course Delivery Methods – Use of ICT tools		Proof		0	1	2	3	4		
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/ACO/F01	ACO-06		0	1	2	3	4		
		Conduct of Continuous Assessment Tests		TCO-01 to 07		0	1	2	3	4		
		Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Proof	50	0	1	2	3	4		
		Adequate number of Assignments and Tutorials	KEC/DEPT/ACO/F01	ACO-07		0	1	2	3	4		
		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		0	1	2	3	4		
		Quality of Laboratory Manual		Proof		0	1	2	3	4		
		Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02		0	1	2	3	4		
		Evaluation of CA Test papers	KEC/DEPT/CCT/	Proof	80	0	1	2	3	4		
		Evaluation of Assignments/Tutorials		Proof		0	1	2	3	4		
		Evaluating experiments – Rubrics/Periodically	KEC/DEPT/CCL/	Lab Manual		0	1	2	3	4		
		Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02		0	1	2	3	4		
		Continuous Assessment Test – Analysis	KEC/DEPT/ACO/F01	ACO-11	80	0	1	2	3	4		
		End Semester Result Analysis		ACO-10,11		0	1	2	3	4		
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/ACO/F01	POM-01 to 05		0	1	2	3	4		
		Quality of Project Reports	KEC/DEPT/CCP/	Proof		0	1	2	3	4		
		Programme Advisory Committee(PAC) Meeting	KEC/DEPT/ACO/F01	ACO-08,09		0	1	2	3	4		

		Student Feedback on Course	KEC/DEPT/YCO/ Class/F01	AC-16, YCO-07	50	0	1	2	3	4		
		Student Feedback on Teachers		AC-17, YCO-07		0	1	2	3	4		
		Student Satisfactory Survey		SSS-01		0	1	2	3	4		
3. Research, Innovation and Extension (150)		Seed money Proposals	KEC/DEPT/RC/F 01	RC-03,05	20	0	1	2	3	4		
		Submission of Project Proposals		RC-03,05		0	1	2	3	4		
		Research Grants received		RC-03,05		0	1	2	3	4		
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-06	20	0	1	2	3	4		
		Conference / seminar / workshop/FDP/SSTP organized		RC-06		0	1	2	3	4		
		Promotion of Start-ups		KEC/DEPT/HEC/ F01	EMC-01 to 05	10	0	1	2	3	4	
		Paper presentation by students	KEC/DEPT/RC/F 01	SAP-01,04	50	0	1	2	3	4		
		Conversion of student projects into paper		RC-04, 07		0	1	2	3	4		
		Quality Publications by faculty		RC-07		0	1	2	3	4		
		Books/Book chapters/Conference proceedings		RC-07		0	1	2	3	4		
		Patents filed/published/granted		Proof		0	1	2	3	4		
		Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	KEC/DEPT/FST/F 01	FST-05		0	1	2	3	4		
		Faculty as Resource persons		FST-06	20	0	1	2	3	4		
		Industrial Consultancy/Testing Works		IIPC-02,03		0	1	2	3	4		
		Corporate Training (IIPC/Other Grants)		IIPC-04		0	1	2	3	4		

		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 04	20	0	1	2	3	4				
		Implant Training/Internship	KEC/DEPT/IPC/F01	IPC-01 to 04		0	1	2	3	4				
		MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		0	1	2	3	4				
		Industrial visits arranged for students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0	1	2	3	4				
4.	Infrastructure and Learning Resources (100)	Research Collaboration with other institution	KEC/DEPT/RC/F01	RC-08	10	0	1	2	3	4				
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,06		0	1	2	3	4				
4.		Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/01	FMM-01 to 04	30	0	1	2	3	4				
		Laboratory Maintenance Records/Registers	KEC/DEPT/Lab	LT-01 to 09		0	1	2	3	4				
		Equipment working conditions/Calibration				0	1	2	3	4				
		Latest/Research Level equipments – Availability and Utilization				0	1	2	3	4				
		Utilization of budget	KEC/DEPT/HOD/F01, KEC/DEPT/DBC/F01	HOD-06 DBC-01 to 05	20	0	1	2	3	4				
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	4				
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	4				
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0	1	2	3	4				
5.	Student Support and Progression (100)	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	4				
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	2	3	4				
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04	40	0	1	2	3	4				
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		0	1	2	3	4				
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0	1	2	3	4				

		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	0	1	2	3	4		
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4		
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HCD/F01	HOD-02	20	0	1	2	3	4		
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01 to 04		0	1	2	3	4		
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4		
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4		
		Faculty Qualification Improvement & Retention		Proof		0	1	2	3	4		
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	4		
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4		
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	3	4		
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	4		
		Contribution towards Special programmes	File	Proof		0	1	2	3	4		
		Human values and Professional Ethics related activities	File	Proof		0	1	2	3	4		
		Contribution towards Institutional Distinctiveness	File	Proof	20	0	1	2	3	4		
		Practices for Student Self learning	File	Proof		0	1	2	3	4		

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150			
2.	Teaching –Learning Process	300			
3.	Research, Innovation and Extension	150			
4.	Infrastructure and Learning Resources	100			
5.	Student Support and Progression	100			
6.	Governance Leadership and Management	100			
7.	Institutional Values and Best Practices	100			
<b>Total</b>		1000			

Signature of Department Coordinators  
(with name)

Signature of Auditors  
(with name and dept.)

Head of the Department  
(with seal)

sample calculation for evalution form.jpg [Download](#) [Full screen](#) [Print](#) [Save to OneDrive](#)

Auditor's Name and Designation : \_\_\_\_\_

Date of Audit : \_\_\_\_\_

Audited Department : \_\_\_\_\_

S.No.	Criteria Ques. Mark	Parameters	File Name	Format	Max. Mark	Matrix of the score (5-Low score; 5-High score)	Weighted Average	Observations
1	Curricular Activities (100)	Curriculum Design and Development process	KEC-DEPT-CDC F01	CDC-01,02	40	0 1 2 3 4	112	
		Curriculum Assessment- Planning and Implementation		CDC-03,04,05		0 1 2 3 4		
		Diversification of syllabus		CDC-06,10		0 1 2 3 4		
		Curriculum & Syllabus Minutes of BOS Meeting		CDC-08,09		0 1 2 3 4		
		Improvement in Syllabus		CDC-04		0 1 2 3 4		
		Value Added Courses- Organized and Participated of Students	KEC-DEPT-NVA CT01	NVA-01 to 06	30	0 1 2 3 4	60	
		Students in completion of SMT	KEC-DEPT-KCR	KCR-05		0 1 2 3 4		
		Practical Workshops	KEC-DEPT-CDC F01	CDC-07A,CDC 07E,07F 07G,07H	40	0 1 2 3 4	120	
		Curriculum- Alumni, Course End Survey, Employee, Faculty, Graduate Exit Survey, Parents		CDC-03,04,06		0 1 2 3 4		
		Advising of Courses Curriculum and Programme Courses	KEC-DEPT-CDC F01	TTI-01,N2		0 1 2 3 4		
		Allowing courses to freely based on expertise	KEC-DEPT-CTT F01	TTI-03 to 05		0 1 2 3 4		
		Allotment of Adequate number of hours in time table for theory, practical project						

$$\text{Average} = (3+2+4+3+2)/5 = 2.8$$

$$\text{Weighted Average} = 2.8 \times 40 =$$

$$\text{Average} = (1+3)/2 = 2$$

$$\text{Weighted Average} = 2 \times 30 =$$

$$\text{Average} = 3$$

$$\text{Weighted Average} = 3 \times 40 =$$

$$\text{Average} = (4+3+2)/3 = 3$$

$$\text{Weighted Average} = 3 \times 40 =$$

$$\text{Total Weighted Average for} \\ = 112 + 60 + 120 + 120 \\ = 412$$

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S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Rec.
1	Curricular Activities	150	412	2.75	Grade point Ave.
2	Teaching-Learning Process	300			
3	Others	150			



### Audit Evaluation Sheet for the Academic Year 2019-2020

Date of Audit :

Auditors Name and Designation :

Audited Department :

S.No	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)					Weighted Average	Observations
1.	Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/ F01	CDC-01,02	40	0	1	2	3	4		
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0	1	2	3	4		
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0	1	2	3	4		
		Minutes of BOS Meeting		CDC-08, 09		0	1	2	3	4		
		Improvement in Regulations		CDC-04		0	1	2	3	4		
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVA C/F01	NVC-01 to 06	30	0	1	2	3	4		
		Student involvement in field projects/internships		KEC/DEPT/PC/F01		0	1	2	3	4		
		Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	KEC/DEPT/CDC/ F01	CDC-07A, 07C ,07E, 07F, 07G, 07P	40	0	1	2	3	4		
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/ F01	CDC-03,04, 06	40	0	1	2	3	4		
		Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F 01	TTI-01,02		0	1	2	3	4		
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 05		0	1	2	3	4		

2.	Teaching -Learning Process (300)	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/ F01	HOD-03	20	0	1	2	3	4		
		Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		0	1	2	3	4		
		Structured Course Plan	KEC/DEPT/CCT/	CCO-01	100	0	1	2	3	4		
		Course Coordination Meeting		CCO-02		0	1	2	3	4		
		Course Delivery Methods – Use of ICT tools		Proof		0	1	2	3	4		
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/ACO/ F01	ACO-06		0	1	2	3	4		
		Conduct of Continuous Assessment Tests		TCO-01 to 07		0	1	2	3	4		
		Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Proof		0	1	2	3	4		
		Adequate number of Assignments and Tutorials		ACO-07		0	1	2	3	4		
		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		0	1	2	3	4		
		Quality of Laboratory Manual		Proof		0	1	2	3	4		
		Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02		0	1	2	3	4		
		Evaluation of CA Test papers		Proof		0	1	2	3	4		
		Evaluation of Assignments/Tutorials	KEC/DEPT/CCT/	Proof		0	1	2	3	4		
		Evaluating experiments – Rubrics/Periodically		Lab Manual		0	1	2	3	4		
		Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02		0	1	2	3	4		
		Continuous Assessment Test – Analysis	KEC/DEPT/ACO/ F01	ACO-11		0	1	2	3	4		
		End Semester Result Analysis		ACO-10,11		0	1	2	3	4		
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/ACO/ F01	POM-01 to 05		0	1	2	3	4		
		Quality of Project Reports		Proof		0	1	2	3	4		
		Programme Advisory Committee(PAC) Meeting	KEC/DEPT/ACO/ F01	ACO-08,09		0	1	2	3	4		

		Student Feedback on Course	KEC/DEPT/YCO/ Class/F01	AC-16, YCO-07	50	0	1	2	3	4		
		Student Feedback on Teachers		AC-17, YCO-07		0	1	2	3	4		
		Student Satisfactory Survey		SSS-01		0	1	2	3	4		
3. Research, Innovation and Extension (150)	Seed money Proposals  Submission of Project Proposals  Research Grants received  Conference / seminar / workshop/FDP/STTP proposals submitted  Conference / seminar / workshop/FDP/SSTP organized	Seed money Proposals	KEC/DEPT/RC/F01	RC-03,05	20	0	1	2	3	4		
		Submission of Project Proposals		RC-03,05		0	1	2	3	4		
		Research Grants received		RC-03,05		0	1	2	3	4		
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-06	20	0	1	2	3	4		
		Conference / seminar / workshop/FDP/SSTP organized		RC-06		0	1	2	3	4		
	Promotion of Start-ups  Paper presentation by students  Conversion of student projects into paper  Quality Publications by faculty  Books/Book chapters/Conference proceedings  Patents filed/published/granted  Awards for Innovation won by Teachers/Research scholars/Students/ Clubs  Faculty as Resource persons  Industrial Consultancy/Testing Works  Corporate Training (IIPC/Other Grants)	Promotion of Start-ups	KEC/DEPT/HEC/F01  KEC/DEPT/SAP/F01  KEC/DEPT/RC/F01  KEC/DEPT/FST/F01	EMC-01 to 05	10	0	1	2	3	4		
		Paper presentation by students		SAP-01,04	50	0	1	2	3	4		
		Conversion of student projects into paper		RC-04, 07		0	1	2	3	4		
		Quality Publications by faculty		RC-07		0	1	2	3	4		
		Books/Book chapters/Conference proceedings		RC-07		0	1	2	3	4		
		Patents filed/published/granted		Proof	20	0	1	2	3	4		
		Awards for Innovation won by Teachers/Research scholars/Students/ Clubs		FST-05		0	1	2	3	4		
		Faculty as Resource persons		FST-06		0	1	2	3	4		
		Industrial Consultancy/Testing Works	KEC/DEPT/IIPC/F01	IIPC-02,03		0	1	2	3	4		
		Corporate Training (IIPC/Other Grants)		IIPC-04		0	1	2	3	4		

		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 04	20	0	1	2	3	4			
		Inplant Training/Internship	KEC/DEPT/IPC/F01	IPC-01 to 04		0	1	2	3	4			
		MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		0	1	2	3	4			
		Industrial visits arranged for students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0	1	2	3	4			
4.	Infrastructure and Learning Resources (100)	Research Collaboration with other institution	KEC/DEPT/RC/F01	RC-08	10	0	1	2	3	4			
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,06		0	1	2	3	4			
		Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/F01	FMM-01 to 04	30	0	1	2	3	4			
		Laboratory Maintenance Records/Registers	KEC/DEPT/Lab	LT-01 to 09		0	1	2	3	4			
		Equipment working conditions/Calibration				0	1	2	3	4			
		Latest/Research Level equipments – Availability and Utilization				0	1	2	3	4			
		Utilization of budget	KEC/DEPT/HOD/F01, KEC/DEPT/DBC/F01	HOD-06 DBC-01 to 05	20	0	1	2	3	4			
5.	Student Support and Progression (100)	Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	4			
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	4			
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0	1	2	3	4			
		Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	4			
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	2	3	4			
5.	Student Support and Progression (100)	Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04	40	0	1	2	3	4			
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		0	1	2	3	4			
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0	1	2	3	4			

		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	0	1	2	3	4		
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4		
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4		
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01 to 04		0	1	2	3	4		
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4		
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4		
		Faculty Qualification Improvement & Retention		Proof		0	1	2	3	4		
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	4		
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4		
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	3	4		
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	4		
		Contribution towards Special programmes	File	Proof		0	1	2	3	4		
		Human values and Professional Ethics related activities	File	Proof		0	1	2	3	4		
		Contribution towards Institutional Distinctiveness	File	Proof	20	0	1	2	3	4		
		Practices for Student Self learning	File	Proof		0	1	2	3	4		

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150			
2.	Teaching –Learning Process	300			
3.	Research, Innovation and Extension	150			
4.	Infrastructure and Learning Resources	100			
5.	Student Support and Progression	100			
6.	Governance Leadership and Management	100			
7.	Institutional Values and Best Practices	100			
<b>Total</b>		1000			

Signature of Department Coordinators  
(with name)

Signature of Auditors  
(with name and dept.)

Head of the Department  
(with seal)

**KONGU ENGINEERING COLLEGE, PERUNDURAI**

**IQAC**

**Audit Monitoring and Coordination Report**

S.No.	Name of the Department	Audit Date	Monitoring/Coordinating Team Member (Name & Signature)	Name of the Auditors	Signature of the Auditors
1.	Mechanical Engg.	29/12/2020	P. V. SELVAKUMAR Dr. P. SELVAKUMAR 29/12/20	Dr. K. Tamilarasan /phy Dr. S. Shanker / MTS Dr. V. Sangeetha / FT	J. K. Srinivasan V. S. Sankar 29/12/2020
		30/12/2020	-	-	-
2.	ECE	21/12/2020	Dr. P. SELVAKUMAR P. V. SELVAKUMAR B.N.A. 21/12/20 (BVK)	Dr. R. Parameswaran /MTS Dr. S. Varalakshmi / IT Dr. K. Kousalya / CSE	J. K. Srinivasan Renuka 21/12/2020
		22/12/2020	Dr. P. SELVAKUMAR P. V. SELVAKUMAR 22/12/20	Dr. R. Parameswaran /NPS Dr. S. Varalakshmi / IT Dr. K. Kousalya / CSE	J. K. Srinivasan Renuka 22/12/2020
3.	EIE	21/12/2020	Dr. P. SELVAKUMAR P. V. SELVAKUMAR 21/12/20	Dr. N. Shanthi / CSE Dr. K. Kannan / chemical Dr. S. Maheswari / ECE	J. K. Srinivasan Renuka 21/12/2020
		22/12/2020	-	-	-
4.	Automobile	29/12/2020	P. V. SELVAKUMAR Dr. P. SELVAKUMAR 29/12/20	Dr. R. Meenakumari Dr. R. Basavaraj Dr. P. Priyakanth.	T. M. D. 29/12/2020 R. Komal 29/12/2020
		30/12/2020	-	-	-
5.	EEE	23/12/2020	Dr. M. SRINIVASAN M. S. SRINIVASAN 23/12/2020	R. THANGARAJAN. R. Rajasekhar, Mech Dr. P. Sivaranayagam / ECE	R. THANGARAJAN. R. Rajasekhar, Mech Dr. P. Sivaranayagam / ECE
		24/12/2020	P. V. SELVAKUMAR Dr. P. SELVAKUMAR 24/12/2020	R. THANGARAJAN. R. Rajasekhar - Mech. P. Sivaranayagam	R. THANGARAJAN. R. Rajasekhar - Mech. P. Sivaranayagam
6.	CSE	28/12/2020	Dr. P. SELVAKUMAR P. V. SELVAKUMAR 28/12/2020	G. Meezadeen Dr. P. SURESH / IT Dr. S. Albert Alexander / EEE	G. Meezadeen Dr. P. SURESH / IT Dr. S. Albert Alexander / EEE
		29/12/2020	-	G. Meezadeen, ECE Dr. P. SURESH, ASP / IT Dr. S. Albert Alexander / EEE	G. Meezadeen, ECE Dr. P. SURESH, ASP / IT Dr. S. Albert Alexander / EEE

S.No.	Name of the Department	Audit Date	Monitoring/Coordinating Team Member (Name & Signature)	Name of the Auditors	Signature of the Auditors
7.	Food Technology	23/12/2020	B.VENKATESAN PL Dr.P.SELVAKUMAR	Dr. S. Anandakumar / civil Dr. J. Premalatha / IT Dr. S. J. Suguna Prasad / EIE	J. Selvam 23/12/2020 Sel 23/12/2020
		24/12/2020	PL DVR.P.SELVAKUMAR	Dr. J. Premalatha / IT	Sel
8.	Chemical	28/12/2020	PL	Dr. S. SELVAKUMAR / MECH Dr. R. C. Suganthi / CSE	PL Sel Megan
		29/12/2020	PL DVR.P.SELVAKUMAR	Dr. S. SELVAKUMAR / MECH Dr. S. ICANDASAM / FOOD Dr. R. C. Suganthi (CSE)	PL Sel Megan R.C.Suganthi
9.	Mechatronics	23/12/2020	PL Dr.P.SELVAKUMAR	Dr. P. NIRMANA DEVI Dr. S. VIJAYA CHITRA Dr. P. BHAGAVANARAM	PL 23/12/2020 Sel 23/12/2020 P. Bhagavaram 23/12/2020
		24/12/2020	-	-	-
10.	IT	28/12/2020	DVR.P.SELVAKUMAR PL Sel Megan	Dr. G. Meegesan Dr. R. Subassi Dr. A. Sheela	Meegesan 28/12/2020 R. Subassi 28/12/2020 A. Sheela 28/12/2020
		29/12/2020	-	- Dr. A. SHEELA	- A. Sheela
11.	Civil	30/12/2020	Dr.P.SELVAKUMAR PL Sel Megan	Dr. K. KRISTHINAMOORTHY Dr. C. Nalini Dr. L. Rangesani	K. Krishnamoorthy Sel C. Nalini 30/12/2020 L. Rangesani 30/12/2020
		31/12/2020	-	-	-
12.	MBA	30/12/2020	PL DVR.P.SELVAKUMAR	P. Senthil Velumugan P. Dhanasoramanarayanan Dr. V. CHITRA Devi	P. Senthil Velumugan P. Dhanasoramanarayanan Dr. V. Chitra Devi 30/12/2020
		31/12/2020	-	-	-

S.No.	Name of the Department	Audit Date	Monitoring/Coordinating Team Member (Name & Signature)	Name of the Auditors	Signature of the Auditors
13.	MCA	30/12/2020	Dr. P. SELVARAJAN PL 28/12/2020	S. Nallep D. MATEESAN K. SENTHIL KUMAR	Dr. H. S. 30/12/2020 P. N. D. C. S. 30/12/2020 G. S. S. 30/12/2020
		31/12/2020			
14.	CT-UG	28/12/2020	Dr. P. SELVARAJAN PL 28/12/2020	1. Dr. R. Soma Sundaram / P/MBA 2. Dr. P. S. Kothai / P/Civil 3. Dr. N. KASTHURI, P/ECE	Dr. P. S. Kothai 28/12/2020 N. K. 28/12/2020
		29/12/2020		1. Dr. P. S. KOTHAI / PTT / 2. Dr. R. Soma Sundaram / P/MBA 3. Dr. N. KASTHURI P/ECE	Dr. P. S. KOTHAI 29/12/2020 R. S. S. 29/12/2020 N. K. 29/12/2020
15.	CT-PG	28/12/2020	Dr. P. SELVARAJAN PL 28/12/2020	1. Dr. P. N. Palanisamy / che 2. Dr. V. Harikaran Prof / che Dr. R. R. Rajalakshmi / che	Dr. P. N. Palanisamy / che 28/12/2020 Dr. V. Harikaran Prof / che 28/12/2020 Dr. R. R. Rajalakshmi / che 28/12/2020
		29/12/2020		1 2 3. Dr. V. Harikaran	Dr. V. Harikaran 29/12/2020
16.	S&H	23/12/2020	B.V. - 23/12 (BVK) PL 23/12 (Dr. P. SKR)	1. E. GOTHAI / CSE 2. J. INDRA / EIE 3. Dr. A. TAMILARASI / MCA	Dr. E. Gotthai Dr. J. Indra Dr. A. Tamilarasi
		24/12/2020	PL 24/12 (Dr. P. SELVARAJAN)	4. Dr. C. S. Kanimozhi 5. Dr. Prameela 6. Dr. N. Senthil Kumar	Dr. C. S. Kanimozhi Dr. Prameela Dr. N. Senthil Kumar



Audit Evaluation Sheet for the Academic Year 2019-20

Date of Audit : 23-24/12/2020

Auditors Name and Designation : Dr. P. Somasundaram, Prof and Head, Automobile Engg.  
Dr. S. Vijayachitra, Prof and Head, EIE  
Dr. P. Nirmaladevi, Professor, ECE.

Audited Department : Mechatronics Engineering

S. No.	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4-High score)					Weighted Average	Observations
						0	1	2	3	4		
1	Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/F01	CDC-01,02	40	0	1	2	3	4	160.0	Verified the flow of design and development of MTS curriculum
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0	1	2	3	4		Based on feedback from stakeholders. plan and implementation is done-verified.
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0	1	2	3	4		Minutes of BOS Meeting- verified.
		Minutes of BOS Meeting		CDC-08, 09		0	1	2	3	4		Improvement in regulations wrto addition /deletion of courses-verified
		Improvement in Regulations		CDC-04		0	1	2	3	4		
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVAC/F01	NVC-01 to 06	30	0	1	2	3	4	105.0	5 VAC are conducted and files verified
		Student involvement in field projects / internships	KEC/DEPT/PC/F01	PC-05		0	1	2	3	4		59-internship students-list and proof verified. No industrial projects
		Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	KEC/DEPT/CDC/F01	CDC-07A, 07C, 07E, 07F, 07G, 07P	40	0	1	2	3	4	160.0	Alumni feedback report - Good, Course end survey- file seen, Employer FB-ok, Graduate exit survey- OK, Faculty & Parents FB- Files verified
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/F01	CDC-03,04, 06	40	0	1	2	3	4	120.0	CO-PO mapping- Course File verified under T-L process
		Allotting courses to faculty based on expertise	KEC/DEPT/TI/F01	TTI-01,02		0	1	2	3	4		Skill matrix to be filled by individual faculty
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 05		0	1	2	3	4		Timetable for faculty – found signature of faculty and HoD without date
2	Teaching – Learning Process (300)	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/F01	HOD-03	20	0	1	2	3	4	50.0	Low Cutoff
		Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		0	1	2	3	4		No Adjunct Faculty
		Structured Course Plan	KEC/DEPT/CCT/	CCO-01	100	0	1	2	3	4	330.0	Verified 14EET53, 18MTT31 – Tutorial planning as per curriculum required
		Course Coordination Meeting		CCO-02		0	1	2	3	4		Verified 14EET53, 18MTT31
		Course Delivery Methods – Use of ICT tools		Proof		0	1	2	3	4		PPTs uploaded in website verified.
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/ACO/F01	ACO-06	100	0	1	2	3	4	330.0	18MTT31 verified. Question statement and K level mismatch found
		Conduct of Continuous Assessment Tests	KEC/DEPT/TCO/F01	TCO-01 to 07		0	1	2	3	4		Verified

	Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Proof	50	0	1	2	3	4	150.0	14EET53, 18MTT31 & 14EIT52 verified. Remedial measures found missing Verified 14MTC52 – Course plan not in integrated course plan format VII sem lab manual checked VII and VII sem project files verified
	Adequate number of Assignments and Tutorials	KEC/DEPT/ACO/F01	ACO-07		0	1	2	3	4		
	Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		0	1	2	3	4		
	Quality of Laboratory Manual		Proof		0	1	2	3	4		
	Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02		0	1	2	3	4		
	Evaluation of CA Test papers		Proof		0	1	2	3	4		
	Evaluation of Assignments/Tutorials	KEC/DEPT/CCT/	Proof		0	1	2	3	4		
	Evaluating experiments – Rubrics/Periodically	KEC/DEPT/CCL/	Lab Manual		0	1	2	3	4		
	Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02	80	0	1	2	3	4	304.0	Verified 18MTT31 & 14MTT63 Verified. To be evaluated question wise 14MTC51- Periodical evaluation of experiments not done. VII and VII sem project files verified
	Continuous Assessment Test – Analysis	KEC/DEPT/ACO/F01	ACO-11		0	1	2	3	4		
	End Semester Result Analysis		ACO-10,11		0	1	2	3	4		
	Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/ACO/F01	POM-01 to 05		0	1	2	3	4		
	Quality of Project Reports	KEC/DEPT/CCP/	Proof		0	1	2	3	4		
	Programme Advisory Committee(PAC) Meeting	KEC/DEPT/ACO/F01	ACO-08,09		0	1	2	3	4		
	Student Feedback on Course	KEC/DEPT/YCO/ Class/F01	AC-16, YCO-07		0	1	2	3	4		
	Student Feedback on Teachers		AC-17, YCO-07		0	1	2	3	4		
	Student Satisfactory Survey	KEC/DEPT/IQAC/F01	SSS-01	50	0	1	2	3	4	166.7	Closed loop follow up may be done Closed loop follow up may be done Verified
	Seed money Proposals		RC-03,05		0	1	2	3	4		
	Submission of Project Proposals		RC-03,05		0	1	2	3	4		
	Research Grants received		RC-03,05		0	1	2	3	4		
	Conference / seminar / workshop/FDP/STTP proposals submitted		RC-06..		0	1	2	3	4		
	Conference / seminar / workshop/FDP/SSTP organized		RC-06		0	1	2	3	4		
	Promotion of Start-ups	KEC/DEPT/HEC/F01	EMC-01 to 05		0	1	2	3	4		
	Paper presentation by students	KEC/DEPT/SAP/F01	SAP-01,04		0	1	2	3	4		
3 Research, Innovation and Extension (150)	Conversion of student projects into paper		RC-04, 07	20	0	1	2	3	4	70.0	17 Seminar proposals submitted.
	Quality Publications by faculty		RC-07		0	1	2	3	4		2 Seminars Organized.
	Books/Book chapters/Conference proceedings	KEC/DEPT/RC/F01	RC-07		0	1	2	3	4		One third year student started a startup.
	Patents filed/ published/granted		Proof		0	1	2	3	4		161 papers published
	Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	KEC/DEPT/FST/F01	FST-05		0	1	2	3	4		17 Project converted into papers
	Faculty as Resource persons		FST-06		0	1	2	3	4		58 papers published
	Industrial Consultancy/Testing Works	KEC/DEPT/IIPC/F01	IIPC-02,03	20	0	1	2	3	4	70.0	3 Book Chapters published
	Corporate Training (IIPC/Other Grants)		IIPC-04		0	1	2	3	4		2 patents Granted
	Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 04		0	1	2	3	4		1 patent Published
	In-plant Training/Internship	KEC/DEPT/IIPC/F01	IIPC-01 to 04		0	1	2	3	4		1/25 Staff and 4/357 Students won National Level eYantra Ideas Competition held at IIT Bombay
	MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05	20	0	1	2	3	4	60.0	11 Resource Persons participated
					0	1	2	3	4		4 Consultancies worth of Rs. 33493
					0	1	2	3	4		7 Testing worth of Rs. 8970
					0	1	2	3	4		4 Corporate Trainings given worth of Rs. 86090

		Industrial visits arranged for students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0 0 0	1 1 1	2 2 2	3 3 3	4 4 4		3 IVs arranged
		Research Collaboration with other institution	KEC/DEPT/RC/F01	RC-08		0 0	1 1	2 2	3 3	4 4	30.0	2 Foreign Uty
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,06		0 0	1 1	2 2	3 3	4 4		1 at NIOT
4	Infrastructure and Learning Resources (100)	Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/01	FMM-01 to 04		0 30	1 0	2 2	3 3	4 4		Class room-08, Seminar hall-01, Drawing hall-01, Faculty cabins-found ok Projectors-08, Printers- available at all labs IAC Lab-records- PMR,BDR and stock registers-OK Calibration –Not found Latest equipment-Hydraulic actuators-FP Lab-Paper published
		Laboratory Maintenance Records/Registers	KEC/DEPT/Lab	LT-01 to 09		0 0	1 1	2 2	3 3	4 4	120.0	IAC Lab-records- PMR,BDR and stock registers-OK Calibration –Not found Latest equipment-Hydraulic actuators-FP Lab-Paper published
		Equipment working conditions/Calibration				0 0	1 1	2 2	3 3	4 4		Calibration –Not found
		Latest/Research Level equipment – Availability and Utilization				0 0	1 1	2 2	3 3	4 4		Latest equipment-Hydraulic actuators-FP Lab-Paper published
		Utilization of budget	KEC/DEPT/HOD/F01, KEC/DEPT/DBC/F01	HOD-06 DBC-01 to 05	20	0 20	1 0	2 2	3 3	4 4	40.0	Budget details-proposed-utilized –Sensors and IoT Lab and CAM labs-Verified-OK
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0 30	1 0	2 2	3 3	4 4	80.0	Books, Journals, Stock register-Verified
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records		0 0	1 1	2 2	3 3	4 4	105.0	Computers-availability-files verified
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0 0	1 1	2 2	3 3	4 4		E-content- Dr.CM seen-Good
		Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04		0 30	1 0	2 2	3 3	4 4		Via association, skill development lectures given
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0 0	1 1	2 2	3 3	4 4	105.0	03 courses conducted Mentoring is followed-Good Higher education cell programmes shown
5	Student Support and Progression (100)	Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04		0 40	1 0	2 2	3 3	4 4		Student Participation –list seen and Success rate is found minimum.
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		0 0	1 1	2 2	3 3	4 4	146.7	Placement record- consolidated page is not included.
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0 0	1 1	2 2	3 3	4 4		Verified the higher education file-Found ok
		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	0 20	1 0	2 2	3 3	4 4	60.0	Details for Co/Extra-curricular activities-no consolidated page
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0 10	0 1	2 2	3 3	4 4	40.0	Verified the alumni file-Found Good
		SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02		0 20	1 0	2 2	3 3	4 4		Verified
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01 to 04		0 0	1 1	2 2	3 3	4 4	70.0	Academic audit Action Taken: 5 Shown, 1 Pending
6	Governance, Leadership and Management (100)	Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0 20	1 0	2 2	3 3	4 4	60.0	2 Foreign Uty Collaborations
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04 Proof		0 20	1 0	2 2	3 3	4 4	50.0	NPTEL - 1/25, FDP - 18/25, Industry - 4/25
		Faculty Qualification Improvement & Retention				0 0	1 1	2 2	3 3	4 4		3 PhDs completed, 100% Retention Rate
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0 20	1 0	2 2	3 3	4 4	20.0	3/10 NTS, No proof.
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0 20	0 1	2 2	3 3	4 4	80.0	Verified
		Department Best Practices	File	Proof		0 30	0 1	1 2	2 3	3 4	60.0	Verified, Mini projects, field visit, practical oriented kids provided
7	Institutional Values and Best Practices (100)	Contribution towards Institutional Values and Social Responsibilities	File	Proof		0 50	0 1	1 2	2 3	3 4		Verified, NSS Camps, Blood Donation, health Checkup, etc.
		Contribution towards Special programmes	File	Proof		0 50	0 1	1 2	2 3	3 4	33.3	Industrial attachment programme with M/s Roots Industries, 4 faculty, 3 NTS, 102 students participated.
		Human values and Professional Ethics related activities	File	Proof		0 0	1 1	2 2	3 3	4 4		Professional Ethics course offered to 138 students

	Contribution towards Institutional Distinctiveness	File	Proof	20	0	1	2	3	4	20.0	IEEE, eYantra activities
	Practices for Student Self learning	File	Proof		0	1	2	3	4		Verified, 6/357 students taken NPTEL Courses

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	560.0	3.7	Normal
2.	Teaching –Learning Process	300	1000.7	3.3	Normal
3.	Research, Innovation and Extension	150	489.0	3.3	Normal
4.	Infrastructure and Learning Resources	100	345.0	3.5	Normal
5.	Student Support and Progression	100	351.7	3.5	Normal
6.	Governance Leadership and Management	100	310.0	3.1	Normal
7.	Institutional Values and Best Practices	100	183.3	1.8	Improvement needed
<b>Total</b>		<b>1000</b>	<b>3240</b>		

Dr. A. Shanmugam .....

Dr. P. Somasundaram  
Professor and Head  
Automobile Engg.

Dr. T. Tamilarasi .....

Dr. S. Vijayachitra  
Professor and Head  
EIE

Mr. C. Naveen .....

Dr. P. Nirmaladevi  
Professor  
ECE

**Signature of Department Coordinators  
(with name)**

**Signature of Auditors  
(with name and dept.)**

**Head of the Department  
(with seal)**

Dr. B. MEENAKSHIPRIYA  
PROFESSOR AND HEAD  
DEPT OF MECHATRONICS ENGINEERING  
KONGU ENGINEERING COLLEGE  
THOPPUPALAYAM (Po)  
PERUNDURAI (TK), ERODE - 638 060.



Audit Evaluation Sheet for the Academic Year 2019-20

Date of Audit : 23-24/12/2020

Auditors Name and Designation : Dr. P. Somasundaram, Prof and Head, Automobile Engg.  
Dr. S. Vijayachitra, Prof and Head, EIE  
Dr. P. Nirmaladevi, Professor, ECE.

Audited Department : Mechatronics Engineering

S. No.	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4-High score)	Weighted Average	Observations
1	Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/F01	CDC-01,02	40	0 1 2 3 4	160.0	Verified the flow of design and development of MTS curriculum
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0 1 2 3 4		Based on feedback from stakeholders, plan and implementation is done-verified.
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0 1 2 3 4		Minutes of BOS Meeting- verified.
		Minutes of BOS Meeting		CDC-08, 09		0 1 2 3 4		Improvement in regulations wrto addition /deletion of courses-verified
		Improvement in Regulations		CDC-04		0 1 2 3 4		
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVAC/F01	NVC-01 to 06	30	0 1 2 3 4	105.0	5 VAC are conducted and files verified
		Student involvement in field projects / internships	KEC/DEPT/PC/F01	PC-05		0 1 2 3 4		59-internship students-list and proof verified. No industrial projects
		Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	KEC/DEPT/CDC/F01	CDC-07A, 07C, 07E, 07F, 07G, 07P	40	0 1 2 3 4	160.0	Alumni feedback report - Good. Course end survey- file seen, Employer FB-ok, Graduate exit survey- OK, Faculty & Parents FB- Files verified
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/F01	CDC-03,04, 06	40	0 1 2 3 4	120.0	CO-PO mapping- Course File verified under T-L process
		Allotting courses to faculty based on expertise		TTI-01,02		0 1 2 3 4		Skill matrix to be filled by individual faculty
		Allotment of adequate number of hours in time table for theory/practical/project	KEC/DEPT/TTI/F01	TTI-03 to 05		0 1 2 3 4		Timetable for faculty – found signature of faculty and HoD without date
2	Teaching – Learning Process (300)	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/F01	HOD-03	20	0 1 2 3 4	50.0	Low Cutoff
		Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		0 1 2 3 4		No Adjunct Faculty
		Structured Course Plan	KEC/DEPT/CCT/	CCO-01	100	0 1 2 3 4	330.0	Verified 14EET53, 18MTT31 – Tutorial planning as per curriculum required
		Course Coordination Meeting		CCO-02		0 1 2 3 4		Verified 14EET53, 18MTT31
		Course Delivery Methods – Use of ICT tools		Proof		0 1 2 3 4		PPTs uploaded in website verified.
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/ACO/F01	ACO-06		0 1 2 3 4		18MTT31 verified. Question statement and K level mismatch found
		Conduct of Continuous Assessment Tests	KEC/DEPT/TCO/F01	TCO-01 to 07		0 1 2 3 4		Verified

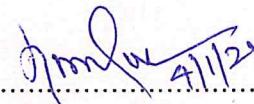
	Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Proof	50	0	1	2	3	4	150.0	14EET53, 18MTT31 & 14EIT52 verified. Remedial measures found missing
	Adequate number of Assignments and Tutorials	KEC/DEPT/ACO/F01	ACO-07		0	1	2	3	4		Verified
	Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		0	1	2	3	4		14MTC52 – Course plan not in integrated course plan format
	Quality of Laboratory Manual		Proof		0	1	2	3	4		VII sem lab manual checked
	Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02		0	1	2	3	4		VII and VII sem project files verified
	Evaluation of CA Test papers	KEC/DEPT/CCT/	Proof		0	1	2	3	4		Verified
	Evaluation of Assignments/Tutorials		Proof		0	1	2	3	4		18MTT31 & 14MTT63 Verified. To be evaluated question wise
	Evaluating experiments – Rubrics/Periodically	KEC/DEPT/CCL/	Lab Manual		0	1	2	3	4		14MTC51- Periodical evaluation of experiments not done.
	Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02		0	1	2	3	4		VII and VII sem project files verified
	Continuous Assessment Test – Analysis	KEC/DEPT/ACO/F01	ACO-11		0	1	2	3	4		Verified
	End Semester Result Analysis		ACO-10,11		0	1	2	3	4		Verified
	Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/ACO/F01	POM-01 to 05	80	0	1	2	3	4	304.0	Marks attained in PO attainment sheets to be checked
	Quality of Project Reports	KEC/DEPT/CCP/	Proof		0	1	2	3	4		Verified
	Programme Advisory Committee(PAC) Meeting	KEC/DEPT/ACO/F01	ACO-08,09		0	1	2	3	4		Verified
	Student Feedback on Course	KEC/DEPT/YCO/	AC-16, YCO-07		0	1	2	3	4		Closed loop follow up may be done
	Student Feedback on Teachers		Class/F01		0	1	2	3	4		Closed loop follow up may be done
	Student Satisfactory Survey	KEC/DEPT/IQAC/F01	SSS-01		0	1	2	3	4		Verified
3 Research, Innovation and Extension (150)	Seed money Proposals	KEC/DEPT/RC/F01	RC-03,05	20	0	1	2	3	4	53.3	Not Avl.
	Submission of Project Proposals		RC-03,05		0	1	2	3	4		18 R&D and 19 Seminar proposals submitted.
	Research Grants received		RC-03,05		0	1	2	3	4		34 lakh grant received
	Conference / seminar / workshop/FDP/STTP proposals submitted		RC-06	20	0	1	2	3	4	70.0	17 Seminar proposals submitted.
	Conference / seminar / workshop/FDP/SSTP organized		RC-06		0	1	2	3	4		2 Seminars Organized.
	Promotion of Start-ups	KEC/DEPT/HEC/F01	EMC-01 to 05	10	0	1	2	3	4	20.0	One third year student started a startup.
	Paper presentation by students	KEC/DEPT/SAP/F01	SAP-01,04		0	1	2	3	4		161 papers published
	Conversion of student projects into paper	KEC/DEPT/RC/F01	RC-04, 07		0	1	2	3	4		17 Project converted into papers
	Quality Publications by faculty		RC-07		0	1	2	3	4		58 papers published
	Books/Book chapters/Conference proceedings		RC-07		0	1	2	3	4		3 Book Chapters published
	Patents filed/ published/granted		Proof		0	1	2	3	4		2 patents Granted 1 patent Published
	Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	KEC/DEPT/FST/F01	FST-05	50	0	1	2	3	4	164.3	1/25 Staff and 4/357 Students won National Level eYantra Ideas Competition held at IIT Bombay
	Faculty as Resource persons		FST-06		0	1	2	3	4		11 Resource Persons participated
	Industrial Consultancy/Testing Works	KEC/DEPT/IIPC/F01	IIPC-02,03		0	1	2	3	4	70.0	4 Consultancies worth of Rs. 33493 7 Testing worth of Rs. 8970
	Corporate Training (IIPC/Other Grants)		IIPC-04		0	1	2	3	4		4 Corporate Trainings given worth of Rs. 86090
	Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 04	20	0	1	2	3	4	60.0	10 Association activities, 3 Events, 28 IEEE Events
	In-plant Training/Internship	KEC/DEPT/IIPC/F01	IIPC-01 to 04		0	1	2	3	4		142 IPT done
	MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		0	1	2	3	4		1 MoU signed

		Industrial visits arranged for students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0	1	2	3	4		3 IVs arranged		
		Research Collaboration with other institution	KEC/DEPT/RC/F01	RC-08		0	1	2	3	4		2 Foreign Uty		
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,06		0	1	2	3	4		1 at NIOT		
4	Infrastructure and Learning Resources (100)	Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/01 KEC/DEPT/Lab	FMM-01 to 04	10	0	1	2	3	4	30.0	Class room-08, Seminar hall-01, Drawing hall-01, Faculty cabins-found ok Projectors-08, Printers- available at all labs		
		Laboratory Maintenance Records/Registers		LT-01 to 09		0	1	2	3	4		120.0	IAC Lab-records- PMR,BDR and stock registers-OK	
		Equipment working conditions/Calibration				0	1	2	3	4			Calibration –Not found	
		Latest/Research Level equipment – Availability and Utilization				0	1	2	3	4			Latest equipment-Hydraulic actuators-FP Lab-Paper published	
		Utilization of budget	KEC/DEPT/HOD/F01, KEC/DEPT/DBC/F01	HOD-06 DBC-01 to 05	20	0	1	2	3	4	40.0	Budget details-proposed-utilized –Sensors and IoT Lab and CAM labs-Verified-OK		
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	4	80.0	Books, Journals, Stock register-Verified		
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	4	105.0	Computers-availability-files verified		
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0	1	2	3	4		E-content- Dr.CM seen-Good		
5	Student Support and Progression (100)	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	4	105.0	Via association, skill development lectures given 03 courses conducted Mentoring is followed-Good Higher education cell programmes shown		
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	2	3	4				
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04	40	0	1	2	3	4	146.7	Student Participation –list seen and Success rate is found minimum.		
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		0	1	2	3	4		Placement record- consolidated page is not included.		
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0	1	2	3	4		Verified the higher education file-Found ok		
		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	0	1	2	3	4	60.0	Details for Co/Extra-curricular activities-no consolidated page		
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4	40.0	Verified the alumni file-Found Good		
6	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	70.0	Verified		
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01 to 04		0	1	2	3	4		Academic audit Action Taken: 5 Shown, 1 Pending		
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	60.0	2 Foreign Uty Collaborations		
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04 Proof	20	0	1	2	3	4	50.0	NPTEL - 1/25, FDP - 18/25, Industry - 4/25		
		Faculty Qualification Improvement & Retention	KEC/DEPT/FST/F01	FST-02		0	1	2	3	4		3 PhDs completed, 100% Retention Rate		
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	4	20.0	3/10 NTS, No proof.		
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	80.0	Verified		
7	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	3	4	60.0	Verified, Mini projects, field visit, practical oriented kids provided		
		Contribution towards Institutional Values and Social Responsibilities	File	Proof		0	1	2	3	4		Verified, NSS Camps, Blood Donation, health Checkup, etc.		
		Contribution towards Special programmes	File	Proof		0	1	2	3	4	33.3	Industrial attachment programme with M/s Roots Industries, 4 faculty, 3 NTS, 102 students participated.		
		Human values and Professional Ethics related activities	File	Proof		0	1	2	3	4		Professional Ethics course offered to 138 students		

	Contribution towards Institutional Distinctiveness	File	Proof	20	0	1	2	3	4	20.0	IEEE, eYantra activities
	Practices for Student Self learning	File	Proof		0	1	2	3	4		Verified, 6/357 students taken NPTEL Courses

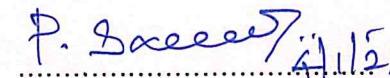
S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	560.0	3.7	Normal
2.	Teaching –Learning Process	300	1000.7	3.3	Normal
3.	Research, Innovation and Extension	150	489.0	3.3	Normal
4.	Infrastructure and Learning Resources	100	345.0	3.5	Normal
5.	Student Support and Progression	100	351.7	3.5	Normal
6.	Governance Leadership and Management	100	310.0	3.1	Normal
7.	Institutional Values and Best Practices	100	183.3	1.8	Improvement needed
<b>Total</b>		<b>1000</b>	<b>3240</b>	<b>3.24</b>	

Dr. A. Shanmugam .....

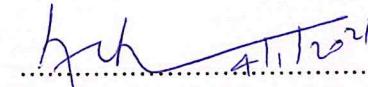
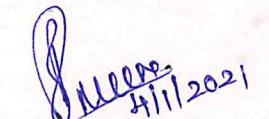



Dr. T. Tamilarasi .....

Dr. P. Somasundaram  
Professor and Head  
Automobile Engg.



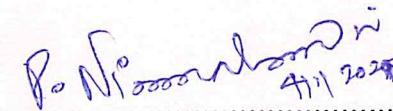
Dr. S. Vijayachitra  
Professor and Head  
EIE

Mr. C. Naveen .....



Dr. P. Nirmaladevi  
Professor  
ECE



Head of the Department  
(with seal)

Dr. B. MEENAKSHIPRIYA  
PROFESSOR AND HEAD  
DEPT OF MECHATRONICS ENGINEERING  
KONGU ENGINEERING COLLEGE  
THOPPUPÁLAYAM (Po)  
PERUNDURAI (TK), ERODE - 638 060.

Signature of Department Coordinators  
(with name)

Signature of Auditors  
(with name and dept.)



Estd : 1984

01-09-2019

Internal Quality Assurance Cell (IQAC)

### Audit Evaluation Sheet for the Academic Year 2019-2020

1. Dr. R. Meenakumari, Prof &amp; Head (EEE)

Date of Audit : 29<sup>th</sup> and 30<sup>th</sup>  
December 2020

2. Dr. R. Basket, Professor (FT)

3. Dr. P. Priyanka, Professor (CSE)

Auditors Name and Designation

Audited Department

AUTOMOBILE ENGINEERING

S.No.	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)					Weighted Average	Observations
1.	Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/F01	CDC-01,02	40	0	1	2	3	4	136	Considerable improvements were made with respect to regulations
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0	1	2	3	4		
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0	1	2	3	4		
		Minutes of BOS Meeting		CDC-08, 09		0	1	2	3	4		
		Improvement in Regulations		CDC-04		0	1	2	3	4		
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVA C/F01	NVC-01 to 06	30	0	1	2	3	4	45	21 students gone for internships in industry 1 Industrial project 4 students visited foreign university for internship
		Student involvement in field projects/internships	KEC/DEPT/PC/F01	PC-05		0	1	2	3	4		
		Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	KEC/DEPT/CDC/F01	CDC-07A, 07C, 07E, 07F, 07G, 07F	40	0	1	2	3	4	160	Feedbacks from stakeholders are considered for curriculum development
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/F01	CDC-03,04, 06	40	0	1	2	3	4	146	Verified skill matrix and observed that subject allotment is based on faculty expertise
		Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F01	TTI-01,02		0	1	2	3	4		
		Allotment of adequate number of hours in time table		TTI-03 to 05		0	1	2	3	4		

		for theory/practical/project											
2.	Teaching -Learning Process (300)	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/ F01	HOD-03	20	0	1	2	(3)	4	60	<p>* Enrollment is as per the norms but there is no improvement in quality  * Shortage in Asso.Prof and Ph D</p> <p>* No course coordination meeting minutes available in the file</p> <p>* Files available but improvements are not followed up</p>	
		Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		0	1	2	(3)	4			
		Structured Course Plan	KEC/DEPT/CCT/	CCO-01	100	0	1	2	3	(4)	350		
		Course Coordination Meeting		CCO-02		0	1	(2)	3	4			
		Course Delivery Methods – Use of ICT tools		Proof		0	1	2	(3)	4			
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/ACO/ F01	ACO-06		0	1	2	3	(4)			
		Conduct of Continuous Assessment Tests		TCO-01 to 07		0	1	2	3	(4)			
		Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Proof		0	1	2	(3)	4			
		Adequate number of Assignments and Tutorials		ACO-07		0	1	2	3	(4)			
		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		0	1	2	3	(4)			
		Quality of Laboratory Manual		Proof		0	1	2	(3)	4			
		Project Work Review Schedule		PR-01,02		0	1	2	3	(4)			
		Evaluation of CA Test papers	KEC/DEPT/CCT/	Proof		0	1	2	3	(4)			
		Evaluation of Assignments/Tutorials		Proof		0	1	2	3	(4)			
		Evaluating experiments – Rubrics/Periodically	KEC/DEPT/CCL/	Lab Manual		0	1	2	3	(4)			
		Evaluation of Projects through Review – Rubrics followed		PR-02		0	1	2	3	(4)			
		Continuous Assessment Test – Analysis	KEC/DEPT/ACO/ F01	ACO-11		0	1	2	3	(4)			
		End Semester Result Analysis		ACO-10,11		0	1	2	3	(4)			
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/ACO/ F01	POM-01 to 05	80	0	1	(2)	3	4	224		
		Quality of Project Reports		Proof		0	1	(2)	3	4			

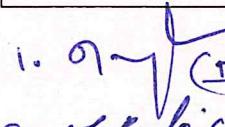
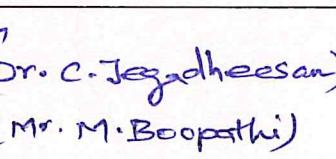
		Programme Advisory Committee(PAC) Meeting	KEC/DEPT/ACO/F01	ACO-08,09		0	1	2	3	4		* Not done as per Quality plan
	3.	Student Feedback on Course	KEC/DEPT/YCO/Class/F01	AC-16, YCO-07	50	0	1	2	3	4	100	* Copies are kept in individual course file
		Student Feedback on Teachers		AC-17, YCO-07		0	1	2	3	4		* Consolidated file is not available
		Student Satisfactory Survey	KEC/DEPT/IQAC /F01	SSS-01		0	1	2	3	4		
3. Research, Innovation and Extension (150)	3. Research, Innovation and Extension (150)	Seed money Proposals	KEC/DEPT/RC/F01	RC-03,05	20	0	1	2	3	4	20	♦ Not applied ♦ R&D-2,Stu-18 ♦ Only seminar grant
		Submission of Project Proposals		RC-03,05		0	1	2	3	4		
		Research Grants received		RC-03,05		0	1	2	3	4		
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-06	20	0	1	2	3	4	50	♦ 3 seminar,1sttp ♦ 1 seminar
		Conference / seminar / workshop/FDP/SSTP organized		RC-06		0	1	2	3	4		
		Promotion of Start-ups	KEC/DEPT/HEC/F01	EMC-01 to 05	10	0	1	2	3	4	0	♦ Nil
		Paper presentation by students	KEC/DEPT/RC/F01	SAP-01,04	50	0	1	2	3	4	121.4	♦ 24 paper presented ♦ 6 project to paper
		Conversion of student projects into paper		RC-04, 07		0	1	2	3	4		♦ 13 papers in scopus
		Quality Publications by faculty		RC-07		0	1	2	3	4		♦ Nil
		Books/Book chapters/Conference proceedings		RC-07		0	1	2	3	4		♦ Nil
		Patents filed/ published/granted		Proof		0	1	2	3	4		♦ 9 prizes by student in paper,6 project won with cash prize of 1,57,500.
		Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	KEC/DEPT/FST/F01	FST-05	20	0	1	2	3	4	0	♦ 1 faculty -2 events ♦ Nil
		Faculty as Resource persons		FST-06		0	1	2	3	4		
		Industrial	KEC/DEPT/IIPC/	IIPC-02,03		0	1	2	3	4		

		Consultancy/Testing Works	01								♦ Nil
		Corporate Training (IIPC/Other Grants)		IIPC-04		0	1	2	3	4	
		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 04	20	0	1	2	3	4	♦ 11 activities
		Inplant Training/Internship	KEC/DEPT/IPC/F01	IPC-01 to 04		0	1	2	3	4	♦ Internship 21 students in 8 companies
		MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		0	1	2	3	4	♦ 1 MoU
		Industrial visits arranged for students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0	1	2	3	4	♦ 3 visits
		Research Collaboration with other institution	KEC/DEPT/RC/F01	RC-08	10	0	1	2	3	4	♦ 1 paper published with VIT
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,06		0	1	2	3	4	♦ 3 activity
4.	Infrastructure and Learning Resources (100)	Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/01	FMM-01 to 04	30	0	1	2	3	4	♦ Facility adequate
		Laboratory Maintenance Records/Registers	KEC/DEPT/Lab	LT-01 to 09		0	1	2	3	4	♦ Maintained
		Equipment working conditions/Calibration				0	1	2	3	4	♦ I lab calibration
		Latest/Research Level equipments – Availability and Utilization				0	1	2	3	4	♦ Yet to purchase
		Utilization of budget	KEC/DEPT/HOD/F01, KEC/DEPT/DBC/F01	HOD-06 DBC-01 to 05	20	0	1	2	3	4	♦ 53%
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	4	♦ Nil
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	4	♦ Under process
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0	1	2	3	4	♦ available
5.	Student Support and Progression (100)	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	4	♦ 12 programs
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	2	3	4	♦ 5 programs
		Student participation and success in competitive	KEC/DEPT/HEC/F01	HEC-04	40	0	1	2	3	4	♦ Nil

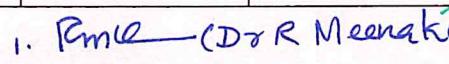
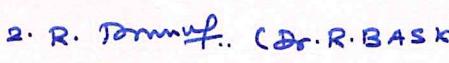
		examinations														♦ 17-18:Nil,18- 19:68%,19-20:64%	
																♦ Applied 6 joined 1	
6.	Governance, Leadership and Management (100)	Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07													
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05													
		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	0	1	2	3	4			80			♦ 1 NCC ♦ 50 GoKart Racing	
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4			0			♦ NIL	
7.	Institutional Values and Best Practices (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4			60				
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01 to 04		0	1	2	3	4							
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4			40				
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03,04	20	0	1	2	3	4			70	10 faculty attended industrial training 4 NPTEL courses completed 2 faculty attended FDP			
		Faculty Qualification Improvement & Retention		Proof		0	1	2	3	4							
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	4			60				
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4			80			Two Parents teachers meeting conducted	
8.	Student Welfare and Activities (100)	Department Best Practices	File	Proof	30	0	1	2	3	4			60			* EDII start up program, BAJA conducted by SAE	
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	4			0	* No files are available regarding this.			
		Contribution towards Special programmes	File	Proof		0	1	2	3	4							
		Human values and Professional Ethics related activities	File	Proof		0	1	2	3	4							

		Contribution towards Institutional Distinctiveness	File	Proof	20	(0) 1 2 3 4	30	* No files to support this  * Design of model in CAD and development using 3D Printing
		Practices for Student Self learning	File	Proof		0 1 2 3 4		

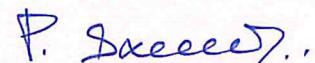
S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	487.0	3.24	-
2.	Teaching –Learning Process	300	934.0	3.11	
3.	Research, Innovation and Extension	150	276.4	1.84	This is one of major area where the department has to concentrate
4.	Infrastructure and Learning Resources	100	210.0	2.1	Infrastructure is in progress
5.	Student Support and Progression	100	266.7	2.7	This is one of the area where the department has to concentrate
6.	Governance Leadership and Management	100	310.0	3.10	
7.	Institutional Values and Best Practices	100	90.0	0.9	This is one of major area where the department has to concentrate
Total		1000	2574.1	2.57	

1.  (Dr. C. Jegadheesan)  
2.  (Mr. M. Boopathi)

Signature of Department Coordinators  
(with name)

1.  (Dr. R. Meenakumari)  
2.  (Dr. R. Basukar)  
3.  (Dr. P. Priyanka)

Signature of Auditors  
(with name and dept.)

  
P. Sreekanth

Head of the Department  
(with seal)

**Dr. PSOMASUNDARAM**  
**PROFESSOR AND HEAD**  
**DEPARTMENT OF AUTOMOBILE ENGINEERING**  
**SCHOOL OF BUILDING AND MECHANICAL SCIENCES**  
**KONGU ENGINEERING COLLEGE**  
**THOOPPALAYAM (PO)**  
**PERUNDURAI (TK), ERODE - 638 060**



### Audit Evaluation Sheet for the Academic Year 2019-2020

Auditors Name and Designation : 1. DR. S. ICLOUDASAMY, PROFESSOR  
2. DR. R. C. SUCHANTHE  
3. DR. S. SELVAKUMAR

Date of Audit : 28.12.2020  
29.12.2020

Audited Department

#### CHEMICAL ENGINEERING

S.No	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)					Weighted Average	Observations
1.	Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/F01	CDC-01,02	40	0	1	2	3	4	3.8	$3.8 \times 40 = 152$
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0	1	2	3	4		
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0	1	2	3	4		
		Minutes of BOS Meeting		CDC-08, 09		0	1	2	3	4		
		Improvement in Regulations		CDC-04		0	1	2	3	4		
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVA C/F01	NVC-01 to 06	30	0	1	2	3	4	4	$4 \times 30 = 120$
		Student involvement in field projects/internships		PC-05		0	1	2	3	4		
		Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	KEC/DEPT/CDC/F01	CDC-07A, 07C, 07E, 07F, 07G, 07P	40	0	1	2	3	4	3	$3 \times 40 = 120$
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/F01	CDC-03,04, 06	40	0	1	2	3	4	4	$4 \times 40 = 160$
		Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F01	TTI-01,02		0	1	2	3	4		
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 05		0	1	2	3	4		

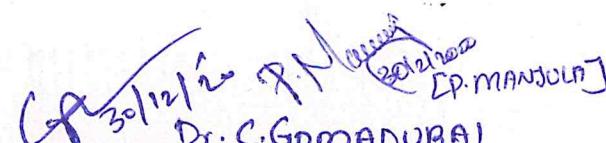
2.	Teaching -Learning Process (300)	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/F01	HOD-03	20	0	1	2	3	4	4	$4 \times 20 = 80$	
		Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		0	1	2	3	4			
		Structured Course Plan	KEC/DEPT/CCT/	CCO-01	100	0	1	2	3	4	4		
		Course Coordination Meeting		CCO-02		0	1	2	3	4			
		Course Delivery Methods – Use of ICT tools		Proof		0	1	2	3	4			
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/ACO/F01	ACO-06		0	1	2	3	4			
		Conduct of Continuous Assessment Tests	KEC/DEPT/TCO/F01	TCO-01 to 07		0	1	2	3	4			
		Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Proof	50	0	1	2	3	4	4		
		Adequate number of Assignments and Tutorials	KEC/DEPT/ACO/F01	ACO-07		0	1	2	3	4			
		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		0	1	2	3	4			
		Quality of Laboratory Manual		Proof		0	1	2	3	4			
		Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02		0	1	2	3	4			
		Evaluation of CA Test papers	KEC/DEPT/CCT/	Proof	80	0	1	2	3	4	4		
		Evaluation of Assignments/Tutorials		Proof		0	1	2	3	4			
		Evaluating experiments – Rubrics/Periodically	KEC/DEPT/CCL/	Lab Manual		0	1	2	3	4			
		Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02		0	1	2	3	4			
		Continuous Assessment Test – Analysis	KEC/DEPT/ACO/F01	ACO-11	3.4	0	1	2	3	4	3.4		
		End Semester Result Analysis		ACO-10,11		0	1	2	3	4			
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/ACO/F01	POM-01 to 05		0	1	2	3	4			
		Quality of Project Reports	KEC/DEPT/CCP/	Proof		0	1	2	3	4			
		Programme Advisory Committee(PAC) Meeting	KEC/DEPT/ACO/F01	ACO-08,09		0	1	2	3	4			

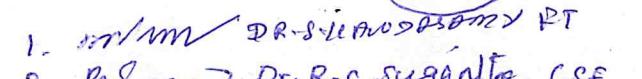
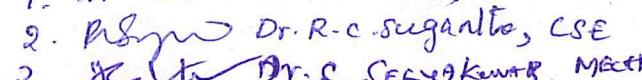
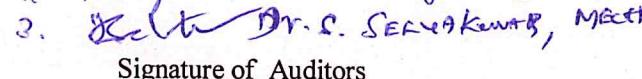
		Student Feedback on Course	KEC/DEPT/YCO/Class/F01	AC-16, YCO-07	50	0	1	2	3	4	4	$4 \times 50 = 200$ 1152
		Student Feedback on Teachers		AC-17, YCO-07		0	1	2	3	4		
		Student Satisfactory Survey		SSS-01		0	1	2	3	4		
3.	Research, Innovation and Extension (150)	Seed money Proposals	KEC/DEPT/RC/F01	RC-03,05	20	0	1	2	3	4	3.67	$3.67 \times 20 = 73.33$
		Submission of Project Proposals		RC-03,05		0	1	2	3	4		
		Research Grants received		RC-03,05		0	1	2	3	4		
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-06	20	0	1	2	3	4	3.5	$3.5 \times 20 = 70$
		Conference / seminar / workshop/FDP/SSTP organized		RC-06		0	1	2	3	4		
		Promotion of Start-ups		KEC/DEPT/HEC/F01	EMC-01 to 05	10	0	1	2	3	4	4
		Paper presentation by students	KEC/DEPT/RC/F01	SAP-01,04	50	0	1	2	3	4	2.67	$2.67 \times 50 = 133.33$
		Conversion of student projects into paper		RC-04, 07		0	1	2	3	4		
		Quality Publications by faculty		RC-07		0	1	2	3	4		
		Books/Book chapters/Conference proceedings		RC-07		0	1	2	3	4		
		Patents filed/published/granted		Proof		0	1	2	3	4		
		Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	KEC/DEPT/FST/F01	FST-05		0	1	2	3	4		
		Faculty as Resource persons		FST-06	20	0	1	2	3	4	2	$2 \times 20 = 40$ Training do corporate is insufficient.
		Industrial Consultancy/Testing Works	KEC/DEPT/IIPC/F01	IIPC-02,03		0	1	2	3	4		
		Corporate Training (IIPC/Other Grants)		IIPC-04		0	1	2	3	4		

		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 04	20	0	1	2	3	4	3	$3 \times 20 = 60$ MoU insufficient as per quality plan.	Total 4-46-61	
		Implant Training/Internship	KEC/DEPT/IPC/F01	IPC-01 to 04		0	1	2	3	4				
		MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		0	1	2	3	4				
		Industrial visits arranged for students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0	1	2	3	4				
4.	Infrastructure and Learning Resources (100)	Research Collaboration with other institution	KEC/DEPT/RC/F01	RC-08	10	0	1	2	3	4	3	$3 \times 10 = 30$	Total 355	
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,06		0	1	2	3	4				
		Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/F01	FMM-01 to 04	30	0	1	2	3	4	3.5	$3.5 \times 30 = 105$	Total 355	
		Laboratory Maintenance Records/Registers	KEC/DEPT/Lab	LT-01 to 09		0	1	2	3	4				
		Equipment working conditions/Calibration				0	1	2	3	4				
		Latest/Research Level equipments – Availability and Utilization				0	1	2	3	4				
		Utilization of budget	KEC/DEPT/HOD/F01, KEC/DEPT/DBC/F01	HOD-06 DBC-01 to 05	20	0	1	2	3	4	4	$4 \times 20 = 80$	Total 355	
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	4	4	$4 \times 20 = 80$	Total 355	
5.	Student Support and Progression (100)	Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	4	3	$3 \times 30 = 90$	Total 355	
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0	1	2	3	4				
		Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	4	4	$4 \times 30 = 120$	Total 355	
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	2	3	4				
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04	40	0	1	2	3	4	3.67	$3.67 \times 40 = 146.6$	Total 355	
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		0	1	2	3	4				
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0	1	2	3	4				

		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	0	1	2	3	4	4	$4 \times 20 = 80$	Total 386.6	
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4	4	$4 \times 10 = 40$		
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	4	$4 \times 20 = 80$	Total 240 320	
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01 to 04		0	1	2	3	4				
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	2	$2 \times 20 = 40$		
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4	4	$4 \times 20 = 80$		
		Faculty Qualification Improvement & Retention		Proof		0	1	2	3	4				
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	4	2	$2 \times 20 = 40$		
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	4	$4 \times 20 = 80$		
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	3	4	4	$4 \times 30 = 120$	Total 333 366.5	
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	4	3.33	$3.33 \times 50 = 166.5$		
		Contribution towards Special programmes	File	Proof		0	1	2	3	4				
		Human values and Professional Ethics related activities	File	Proof		0	1	2	3	4				
		Contribution towards Institutional Distinctiveness	File	Proof	20	0	1	2	3	4	4	$4 \times 20 = 80$		
		Practices for Student Self learning	File	Proof		0	1	2	3	4				

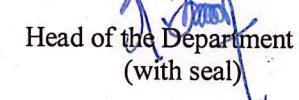
S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	552	3.68	
2.	Teaching –Learning Process	300	1152	3.84	No proper document for indirect assessment on PO and CO
3.	Research, Innovation and Extension	150	446.66	2.98	Publication for each faculty is not sufficient as per Quality plan.
4.	Infrastructure and Learning Resources	100	355	3.55	Econtent is not uploaded in web.
5.	Student Support and Progression	100	386.60	3.87	-
6.	Governance Leadership and Management	100	320	3.20	No progress in strategic development & Skill upgradation for supporting staff is insufficient.
7.	Institutional Values and Best Practices	100	366.5	3.67	-
Total		1000	3578.76	(24.79) <sup>3.578</sup>	

  
 Dr. C. GOMADURAI  
 (with name)  
 Signature of Department Coordinators

1.  DR. S. L. MODAKY PT
2.  Dr. R. C. Suganthi, CSE
3.  Dr. S. SENGARIA, MECT

Signature of Auditors  
 (with name and dept.)

$$\frac{3578.76}{1000} = 3.578$$

  
 Head of the Department  
 (with seal)



### Audit Evaluation Sheet for the Academic Year 2019-2020

Date of Audit : 30.12.2020 & 31.12.2020

Auditors Name and Designation : Dr. K. Krishnamurthy & Professor  
Dr. C. Nalini & Professor  
Dr. C. Rangasami & Professor

Audited Department : Department of Civil Engineering

S.No	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)					Weighted Average	Observations
1.	Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/ F01	CDC-01,02	40	0	1	2	3	4	136	Document Verified
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0	1	2	3	4		
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0	1	2	3	4		
		Minutes of BOS Meeting		CDC-08, 09		0	1	2	3	4		
		Improvement in Regulations		CDC-04		0	1	2	3	4		
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVA C/F01	NVC-01 to 06	30	0	1	2	3	4	90	Sufficient Courses is not conducted.
		Student involvement in field projects/internships		PC-05		0	1	2	3	4		
		Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	KEC/DEPT/CDC/ F01	CDC-07A, 07C ,07E, 07F, 07G, 07P	40	0	1	2	3	4	120	Document Verified
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/ F01	CDC-03,04, 06	40	0	1	2	3	4	133.33	Document Verified
		Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F 01	TTI-01,02		0	1	2	3	4		
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 05		0	1	2	3	4		

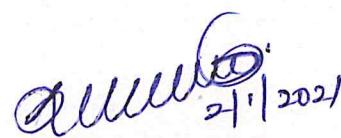
2. Teaching – Learning Process (300)	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/ F01	HOD-03	20	0	1	2	3	4	60	Document Verified
	Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		0	1	2	3	4		
	Structured Course Plan	KEC/DEPT/CCT/	CCO-01	100	0	1	2	3	4	340	Document Verified
	Course Coordination Meeting		CCO-02		0	1	2	3	4		
	Course Delivery Methods – Use of ICT tools		Proof		0	1	2	3	4		
	Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/ACO/ F01	ACO-06		0	1	2	3	4		
	Conduct of Continuous Assessment Tests		TCO-01 to 07		0	1	2	3	4		
	Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Proof		0	1	2	3	4		
	Adequate number of Assignments and Tutorials		ACO-07		0	1	2	3	4		
	Laboratory Course Plan	KEC/DEPT/CCL/	LT-01	50	0	1	2	3	4	150	Document Verified
	Quality of Laboratory Manual		Proof		0	1	2	3	4		
	Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02		0	1	2	3	4		
	Evaluation of CA Test papers		Proof		0	1	2	3	4		
	Evaluation of Assignments/Tutorials	KEC/DEPT/CCT/	Proof		0	1	2	3	4		
	Evaluating experiments – Rubrics/Periodically		KEC/DEPT/CCL/		0	1	2	3	4		
	Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02		0	1	2	3	4		
	Continuous Assessment Test – Analysis	KEC/DEPT/ACO/ F01	ACO-11	80	0	1	2	3	4	224	Comparison required for 2016 – 2020 Batch
	End Semester Result Analysis		ACO-10,11		0	1	2	3	4		
	Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/ACO/ F01	POM-01 to 05		0	1	2	3	4		
	Quality of Project Reports		Proof		0	1	2	3	4		
	Programme Advisory Committee(PAC) Meeting	KEC/DEPT/ACO/ F01	ACO-08,09		0	1	2	3	4		
	Student Feedback on Course	KEC/DEPT/YCO/ Class/F01	AC-16, YCO-07		0	1	2	3	4	150	Document Verified
	Student Feedback on Teachers		AC-17, YCO-07		0	1	2	3	4		
	Student Satisfactory Survey		SSS-01		0	1	2	3	4		

3. Research, Innovation and Extension (150)	Seed money Proposals	KEC/DEPT/RC/F 01	RC-03,05	20	0	1	2	(3)	4	66.67	Seed money - proof may be added
	Submission of Project Proposals		RC-03,05		0	1	2	3	(4)		
	Research Grants received		RC-03,05		0	1	2	(3)	4		
	Conference / seminar / workshop/FDP/STTP proposals submitted	KEC/DEPT/HEC/ F01	RC-06	20	0	1	2	3	(4)	70	Document Verified
	Conference / seminar / workshop/FDP/SSTP organized		RC-06		0	1	2	(3)	4		
	Promotion of Start-ups		EMC-01 to 05	10	0	1	2	(3)	4	30	Document Verified
	Paper presentation by students	KEC/DEPT/SAP/ F01	SAP-01,04	50	0	1	2	3	(4)	150	Paper presentation / published - Clarity on details of paper presentation / published by faculty members need improvement
	Conversion of student projects into paper		RC-04, 07		0	1	2	(3)	4		
	Quality Publications by faculty		RC-07		0	1	(2)	3	4		
	Books/Book chapters/Conference proceedings		RC-07		0	1	2	(3)	4		
	Patents filed/ published/granted		Proof		0	1	2	(3)	4		
	Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	KEC/DEPT/FST/F 01	FST-05		0	1	2	(3)	4		
	Faculty as Resource persons		FST-06	20	0	1	2	(3)	4	66.67	Corporate Training (IIPC/Other Grants) - slight improvement needed
	Industrial Consultancy/Testing Works		IIPC-02,03		0	1	2	3	(4)		
	Corporate Training (IIPC/Other Grants)	KEC/DEPT/IIPC/ F01	IIPC-04		0	1	2	(3)	4		
	Association activities / Clubs/Professional Societies		ASA-01 to 04	20	0	1	2	3	(4)	70	Document Verified
	Inplant Training/Internship	KEC/DEPT/IPC/F 01	IPC-01 to 04		0	1	2	3	(4)		
	MoUs signed and activities	KEC/DEPT/IIPC/ F01	IIPC-05		0	1	2	(3)	4		
	Industrial visits arranged for students	KEC/DEPT/IPC/F 01	IV-01 to IV-03		0	1	2	(3)	4		

		Research Collaboration with other institution	KEC/DEPT/RC/F01	RC-08	10	0	1	2	(3)	4	25	Research Collaboration with other institution and Faculty interaction with industries - Need improvement
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,06		0	1	(2)	3	4		
4.	Infrastructure and Learning Resources (100)	Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/01	FMM-01 to 04	30	0	1	2	3	(4)	97.5	Maintenance record - Remarks may be given in or common maintenance procedure may be displayed
		Laboratory Maintenance Records/Registers		LT-01 to 09		0	1	2	(3)	4		
		Equipment working conditions/Calibration				0	1	2	(3)	4		Calibration – deviation may be included in calculation
		Latest/Research Level equipments – Availability and Utilization	KEC/DEPT/Lab			0	1	2	(3)	4		Research level equipments – Separate list may be prepared.
		Utilization of budget	KEC/DEPT/HOD/F01, KEC/DEPT/DBC/F01	HOD-06 DBC-01 to 05	20	0	1	2	3	(4)	80	Document Verified
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	(4)	80	Department Library - Number of transitions may be improved
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	(4)	90	E-content development - International/national e-references may be added
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0	1	(2)	3	4		
5.	Student Support and Progression (100)	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	(3)	4	75	Documents Verified
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	(2)	3	4		
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04	40	0	1	(2)	3	4	112	Documents Verified
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		0	1	(2)	3	4		
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0	1	2	(3)	4		
		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	0	1	2	3	(4)	80	Documents Verified

		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	(3)	4	30	Files Verified
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	(2)	3	4	60	Documents Verified
		Academic Audit –Action Taken	KEC/DEPT/IQAC /F01	IQI-01 to 04		0	1	2	3	(4)		
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	(1)	2	3	4	20	COE – Initiation required for Establishment
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	(3)	4	50	Document Verified
		Faculty Qualification Improvement & Retention		Proof		0	1	(2)	3	4		
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	(1)	2	3	4	20	Supporting Staff should go training at Industries
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	(3)	4	60	Proof Verified
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	(3)	4	90	Proof Verified
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	(3)	4	150	Proof Verified
		Contribution towards Special programmes	File	Proof		0	1	2	(3)	4		
		Human values and Professional Ethics related activities	File	Proof		0	1	2	(3)	4		
		Contribution towards Institutional Distinctiveness	File	Proof	20	0	1	2	(3)	4	60	Proof Verified
		Practices for Student Self learning	File	Proof		0	1	2	(3)	4		

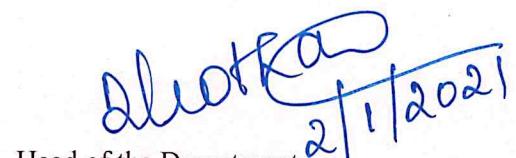
S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	479.33	3.20	
2.	Teaching –Learning Process	300	924.00	3.08	
3.	Research, Innovation and Extension	150	478.34	3.19	<ul style="list-style-type: none"> <li>IQAC Formats to be followed</li> <li>Separate files may be maintain each category</li> <li>In quality plan 4.3.2, 4.6 needs improvement</li> </ul>
4.	Infrastructure and Learning Resources	100	347.50	3.48	
5.	Student Support and Progression	100	297.00	2.97	
6.	Governance Leadership and Management	100	210.00	2.10	
7.	Institutional Values and Best Practices	100	300.00	3.00	
<b>Total</b>		1000	3036.17	3.04	

  
21/1/2021

Signature of Department Coordinators  
(with name)  
(S. Venkatachalam)

  
Dr. K. Krishnamurthy  
21/1/21  
  
C. Nalini  
21/1/21  
  
Dr. C. Rangasami  
21/1/21

Signature of Auditors  
(with name and dept.)

  
Head of the Department  
(with seal)  
[Dr. P. S. KOTHAI]

1. Dr. K. Krishnamurthy & Professor / MTS
2. Dr. C. Nalini & Professor / IT
3. Dr. C. Rangasami & Professor / Physics





Estd : 1984

KONGU ENGINEERING COLLEGE  
( Autonomous )  
PERUNDURAI ERODE - 638 060

Internal Quality Assurance Cell (IQAC)

Academic Audit  
Revision - 0  
01-09-2019

### Audit Evaluation Sheet for the Academic Year 2019-2020

Date of Audit : 28. 12. 2020 &

Auditors Name and Designation

: Dr. T. Meeradevi / Prof. Dr. S. Albert Alexander / Dr. P. Suresh / ASP

29. 12. 2020 ASP

Audited Department

CSE

S.No	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)	Weighted Average	Observations
1.	Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/ F01	CDC-01,02	40	0 1 2 3 4	120	Improvement in regulations to be maintained.
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0 1 2 3 4		
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0 1 2 3 4		
		Minutes of BOS Meeting		CDC-08, 09		0 1 2 3 4		
		Improvement in Regulations		CDC-04		0 1 2 3 4		
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVA C/F01	NVC-01 to 06	30	0 1 2 3 4	75	Only two value added courses 85 internships.
		Student involvement in field projects/internships		PC-05		0 1 2 3 4		
		Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	KEC/DEPT/CDC/ F01	CDC-07A, 07C ,07E, 07F, 07G, 07P	40	0 1 2 3 4	120	Yearwise Feedback is required .
		Mapping of Course Outcomes and Programme Outcomes		CDC-03,04, 06		0 1 2 3 4		
		Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F 01	TTI-01,02	40	0 1 2 3 4	160	Mapping Verified .
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 05		0 1 2 3 4		

2.	Teaching-Learning Process (300)	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/F01	HOD-03	20	0	1	2	3	4	Verified  COs are not matched with Intranet.  BT Level not matched with CO Level.  Remedial measures proofs are not clear.  Tutorial Answer key is not available.
		Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		0	1	2	3	4	
		Structured Course Plan	KEC/DEPT/CCT/	CCO-01	100	0	1	2	3	4	
		Course Coordination Meeting		CCO-02		0	1	2	3	4	
		Course Delivery Methods – Use of ICT tools		Proof		0	1	2	3	4	
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/ACO/F01	ACO-06		0	1	2	3	4	
		Conduct of Continuous Assessment Tests	KEC/DEPT/TCO/F01	TCO-01 to 07		0	1	2	3	4	
		Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Proof		0	1	2	3	4	
		Adequate number of Assignments and Tutorials	KEC/DEPT/ACO/F01	ACO-07		0	1	2	3	4	
		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01	50	0	1	2	3	4	
		Quality of Laboratory Manual		Proof		0	1	2	3	4	
		Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02		0	1	2	3	4	
		Evaluation of CA Test papers	KEC/DEPT/CCT/	Proof	80	0	1	2	3	4	125
		Evaluation of Assignments/Tutorials		Proof		0	1	2	3	4	
		Evaluating experiments – Rubrics/Periodically	KEC/DEPT/CCL/	Lab Manual		0	1	2	3	4	
		Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02		0	1	2	3	4	
		Continuous Assessment Test – Analysis	KEC/DEPT/ACO/F01	ACO-11	256	0	1	2	3	4	Graduate Exit Survey is not available.
		End Semester Result Analysis		ACO-10,11		0	1	2	3	4	
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/ACO/F01	POM-01 to 05		0	1	2	3	4	
		Quality of Project Reports	KEC/DEPT/CCP/	Proof		0	1	2	3	4	
		Programme Advisory Committee(PAC) Meeting	KEC/DEPT/ACO/F01	ACO-08,09		0	1	2	3	4	

		Student Feedback on Course	KEC/DEPT/YCO/ Class/F01	AC-16, YCO-07	50	0	1	2	3	4	167	Student feedback for faculty is not properly addressed.	
		Student Feedback on Teachers		AC-17, YCO-07		0	1	2	3	4			
		Student Satisfactory Survey		SSS-01		0	1	2	3	4			
3. Research, Innovation and Extension (150)	Research, Innovation and Extension (150)	Seed money Proposals	KEC/DEPT/RC/F 01	RC-03,05	20	0	1	2	3	4	13	Seed money - NIL No. of proposals (R&D) is less.	
		Submission of Project Proposals		RC-03,05		0	1	2	3	4			
		Research Grants received		RC-03,05		0	1	2	3	4		Grants - NIL	
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-06	20	0	1	2	3	4	60	Only 2 seminar grants received	
		Conference / seminar / workshop/FDP/STTP organized		RC-06		0	1	2	3	4			
		Promotion of Start-ups		KEC/DEPT/HEC/F01	EMC-01 to 05	10	0	1	2	3	4	10	Contribution for promotion of startups is less.
		Paper presentation by students	KEC/DEPT/RC/F 01	KEC/DEPT/SAP/F01	SAP-01,04	50	0	1	2	3	4	125	No. of students involved in paper presentation is low.
		Conversion of student projects into paper		RC-04, 07	0	1	2	3	4				
		Quality Publications by faculty		RC-07	0	1	2	3	4				
		Books/Book chapters/Conference proceedings		RC-07	0	1	2	3	4				
		Patents filed/ published/granted		Proof	0	1	2	3	4				
		Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	KEC/DEPT/FST/F 01	FST-05	20	0	1	2	3	4	53	Faculty awards: 1 Students: 2 projects: awards	
		Faculty as Resource persons		FST-06		0	1	2	3	4			
		Industrial Consultancy/Testing Works		IIPC-02,03		0	1	2	3	4			
		Corporate Training (IIPC/Other Grants)	KEC/DEPT/IIPC/F01	IIPC-04		0	1	2	3	4		Verified.	

		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 04	20	0	1	2	3	4	55	MoUs Signed : 1	
		Inplant Training/Internship	KEC/DEPT/IPC/F01	IPC-01 to 04		0	1	2	3	4			
		MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		0	1	2	3	4			
		Industrial visits arranged for students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0	1	2	3	4			
	4.	Research Collaboration with other institution	KEC/DEPT/RC/F01	RC-08	10	0	1	2	3	4	20	Interactions with industries good. Research, Collaboration initiations.	
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,06		0	1	2	3	4			
	4.	Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/F01	FMM-01 to 04	30	0	1	2	3	4	75	No dustbin in 7 places Complaint register issues are not properly addressed.	
		Laboratory Maintenance Records/Registers	KEC/DEPT/Lab	LT-01 to 09		0	1	2	3	4			
		Equipment working conditions/Calibration				0	1	2	3	4			
		Latest/Research Level equipments – Availability and Utilization				0	1	2	3	4			
		Utilization of budget	KEC/DEPT/HOD/F01, KEC/DEPT/DBC/F01	HOD-06 DBC-01 to 05	20	0	1	2	3	4	20	Less utilization of sanctioned budget.	
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	4	80	Verified	
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	4	60	Separate maintenance record is required for each lab	
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0	1	2	3	4			
	5.	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	4	75	Mentoring for II Year is not done.	
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	2	3	4			
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04	40	0	1	2	3	4	133	No. of. Students joined Higher Education: 6	
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		0	1	2	3	4			
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0	1	2	3	4			

		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	0	1	2	3	4	60	Extra Curricular activities are less.
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4	20	No. of alumni meetings to be improved
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	40	Follow up not available
		Academic Audit – Action Taken	KEC/DEPT/IQAC/F01	IQI-01 to 04		0	1	2	3	4		Follow up not available
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	60	4 new Courses Planned.
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4	50	FDP : 38 / 46
		Faculty Qualification Improvement & Retention		Proof		0	1	2	3	4		NPTEL : 7 Industry : NIL
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	4	80	Verified
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	80	Verified
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	3	4	60	Need improvement.
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	4	67	Less Contribution
		Contribution towards Special programmes	File	Proof		0	1	2	3	4		
		Human values and Professional Ethics related activities	File	Proof	20	0	1	2	3	4	40	Need improvement.
		Contribution towards Institutional Distinctiveness	File	Proof		0	1	2	3	4		
		Practices for Student Self learning	File	Proof		0	1	2	3	4		

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	475	3.2	CO-PO Mapping to be improved
2.	Teaching –Learning Process	300	858	2.9	QP-BT Level not mapped with CO
3.	Research, Innovation and Extension	150	336	2.24	R&D Projects - NIL
4.	Infrastructure and Learning Resources	100	235	2.4	Maintenance register needed for all Lab
5.	Student Support and Progression	100	288	2.9	Higher Education is less
6.	Governance Leadership and Management	100	310	3.1	Follow up action required
7.	Institutional Values and Best Practices	100	167	1.7	Societal activities may be improved.
Total		1000	2669	2.71	

(Dr. G. Kanimochi Selvi)  
 Signature of Department Coordinators  
 (with name)

1. Ammal 29/12/2020 (F. Meezedeni)  
 2. S. John 29/12/2020 (S. Albert Alexander EEE)  
 3. P. Suresh 29/12/2020 (P. Suresh IT)

Signature of Auditors  
 (with name and dept.)

Head of the Department  
 (with seal)

HEAD  
 DEPT. OF COMPUTER SCIENCE & ENGG.  
 SCHOOL OF COMM. AND COMPUTER SCIENCES  
 KONGU ENGINEERING COLLEGE  
 THOPPUPALAYAM (PO)  
 PERUNDURAI (TK), ERODE - 638 060



### Audit Evaluation Sheet for the Academic Year 2019-2020

Date of Audit : 21.12.2020 & 22.12.2010

Auditors Name and Designation : Dr. S. Varadhanapathy, Dr. R. Parameshwaran, Dr. K. Kousalya.  
Professor - IT  
chief coordinator - TBJ  
President - IIC, Professor - MTS  
Audited Department : ECE  
Professor - CSE

S.No .	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)					Weighted Average	Observations
1.	Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/F01	CDC-01,02	40	0	1	2	3	4	144	More number of meetings may be conducted with Alumni?
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0	1	2	3	4		
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0	1	2	3	4		
		Minutes of BOS Meeting		CDC-08, 09		0	1	2	3	4		
		Improvement in Regulations		CDC-04		0	1	2	3	4		
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVA C/F01	NVC-01 to 06	30	0	1	2	3	4	90	
		Student involvement in field projects/internships	KEC/DEPT/PC/F01	PC-05		0	1	2	3	4		
		Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	KEC/DEPT/CDC/F01	CDC-07A, 07C, 07E, 07F, 07G, 07P	40	0	1	2	3	4	160	
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/F01	CDC-03,04, 06	40	0	1	2	3	4	133	Allocation of Courses to faculty Can be aligned with skill matrix
		Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F01	TTI-01,02		0	1	2	3	4		
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 05		0	1	2	3	4		

2.	Teaching -Learning Process (300)	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/ F01	HOD-03	20	0	1	2	3	4	80	<p>(i) ICT tools usage can be improved</p> <p>(ii) Quality of Project reports can be improved.</p> <p>(iii) Suggestions of the project review have to be followed up and serious actions have to be implemented</p> <p>(iv) Attainment calculation and its follow up has to be initiated.</p>	
		Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		0	1	2	3	4			
		Structured Course Plan	KEC/DEPT/CCT/	CCO-01	100	0	1	2	3	4	350		
		Course Coordination Meeting		CCO-02		0	1	2	3	4			
		Course Delivery Methods – Use of ICT tools		Proof		0	1	2	3	4			
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/ACO/ F01	ACO-06	50	0	1	2	3	4	150		
		Conduct of Continuous Assessment Tests	KEC/DEPT/TCO/ F01	TCO-01 to 07		0	1	2	3	4			
		Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Proof		0	1	2	3	4			
		Adequate number of Assignments and Tutorials	KEC/DEPT/ACO/ F01	ACO-07	80	0	1	2	3	4	192		
		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		0	1	2	3	4			
		Quality of Laboratory Manual		Proof		0	1	2	3	4			
		Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02		0	1	2	3	4			
		Evaluation of CA Test papers	KEC/DEPT/CCT/	Proof	50	0	1	2	3	4	150		
		Evaluation of Assignments/Tutorials		Proof		0	1	2	3	4			
		Evaluating experiments – Rubrics/Periodically	KEC/DEPT/CCL/	Lab Manual		0	1	2	3	4			
		Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02		0	1	2	3	4			
		Continuous Assessment Test – Analysis	KEC/DEPT/ACO/ F01	ACO-11	80	0	1	2	3	4	192		
		End Semester Result Analysis		ACO-10,11		0	1	2	3	4			
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/ACO/ F01	POM-01 to 05		0	1	2	3	4			
		Quality of Project Reports	KEC/DEPT/CCP/	Proof		0	1	2	3	4			
		Programme Advisory Committee(PAC) Meeting	KEC/DEPT/ACO/ F01	ACO-08,09		0	1	2	3	4			

		Student Feedback on Course	KEC/DEPT/YCO/ Class/F01	AC-16, YCO-07	50	0	1	2	3	4	183	
		Student Feedback on Teachers		AC-17, YCO-07		0	1	2	3	4		
		Student Satisfactory Survey		SSS-01		0	1	2	3	4		
3.	Research, Innovation and Extension (150)	Seed money Proposals	KEC/DEPT/RC/F 01	RC-03,05	20	0	1	2	3	4	53	
		Submission of Project Proposals		RC-03,05		0	1	2	3	4		
		Research Grants received		RC-03,05		0	1	2	3	4		
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-06	20	0	1	2	3	4	70	
		Conference / seminar / workshop/FDP/SSTP organized		RC-06		0	1	2	3	4		
		Promotion of Start-ups		KEC/DEPT/HEC/ F01	EMC-01 to 05	10	0	1	2	3	4	09
		Paper presentation by students	KEC/DEPT/RC/F 01	SAP-01,04	50	0	1	2	3	4	108	<p>conversion of projects into papers is low</p> <p>There are no awards by the faculty.</p>
		Conversion of student projects into paper		RC-04, 07		0	1	2	3	4		
		Quality Publications by faculty		RC-07		0	1	2	3	4		
		Books/Book chapters/Conference proceedings		RC-07		0	1	2	3	4		
		Patents filed/published/granted		Proof		0	1	2	3	4		
		Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	KEC/DEPT/FST/F 01	FST-05		0	1	2	3	4		
		Faculty as Resource persons		FST-06	20	0	1	2	3	4	40	<p>corporate training is missing.</p>
		Industrial Consultancy/Testing Works		IIPC-02,03		0	1	2	3	4		
		Corporate Training (IIPC/Other Grants)	IIPC-04			0	1	2	3	4		

		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 04	20	0	1	(2)	3	4	40	
		Implant Training/Internship	KEC/DEPT/IPC/F01	IPC-01 to 04		0	1	(2)	3	4		
		MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		0	(1)	2	3	4		
		Industrial visits arranged for students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0	1	2	(3)	4		
	4.	Research Collaboration with other institution	KEC/DEPT/RC/F01	RC-08	10	0	(1)	2	3	4	15 [335]	
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,06		0	1	(2)	3	4		
	4.	Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/F01	FMM-01 to 04	30	0	1	2	(3)	4	105	
		Laboratory Maintenance Records/Registers	KEC/DEPT/Lab	LT-01 to 09		0	1	2	(3)	4		
		Equipment working conditions/Calibration				0	1	2	3	(4)		
		Latest/Research Level equipments – Availability and Utilization				0	1	2	3	(4)		
		Utilization of budget	KEC/DEPT/HOD/F01, KEC/DEPT/DBC/F01	HOD-06 DBC-01 to 05	20	0	1	2	3	(4)	80	
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	(4)	80	
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	(4)	105 [370]	
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0	1	2	(3)	4		
	5.	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	(4)	105	
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	2	(3)	4		
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04	40	0	1	2	(3)	4	133	
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		0	1	2	3	(4)		
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0	1	2	(3)	4		

		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	0	1	2	3	4	80	
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4	40	
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	258	
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01 to 04		0	1	2	3	4	50	
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	40	
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4	60	
		Faculty Qualification Improvement & Retention		Proof		0	1	2	3	4		
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	4	60	
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	80	
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	3	4	290	Best practices of the department have to be identified
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	4	83	Contribution towards CSR, human values, Self learning to be improved.
		Contribution towards Special programmes	File	Proof		0	1	2	3	4		
		Human values and Professional Ethics related activities	File	Proof		0	1	2	3	4		
		Contribution towards Institutional Distinctiveness	File	Proof	20	0	1	2	3	4	30	
		Practices for Student Self learning	File	Proof		0	1	2	3	4		

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	527	3.5	(i) Meeting of stakeholders must be held judicially
2.	Teaching –Learning Process	300	955	3.2	
3.	Research, Innovation and Extension	150	335	2.2	(ii) Quality of Project reports can be improved.
4.	Infrastructure and Learning Resources	100	370	3.7	
5.	Student Support and Progression	100	358	3.6	(iii) Conversion of projects into papers may be improved
6.	Governance Leadership and Management	100	290	2.9	
7.	Institutional Values and Best Practices	100	143	1.4	(iv) Research collaboration may be improved.
Total		1000	2978	2.97	(v) Best practices of the department may be identified.

Dated  
22/12/20

Signature of Department Coordinators  
(with name)

Signature of Auditors  
(with name and dept.)

Arul  
22/12/20  
Head of the Department  
(with seal)

S. Varadhegavapalli / IT  
22/12/20

Kamini  
K. Kousalya / CSE  
22/12/20

R. R. Paramekumar / MTS  
22/12/20

Dr. T. Meera Devi  
Professor & Head  
Dept. of Electronics & Communication Engg.  
Kongu Engineering College  
Thoppuppalayam (Po)  
Perundurai, Erode - 638 060



### Audit Evaluation Sheet for the Academic Year 2019-2020

Auditors Name and Designation

1. Dr. R.Thangarajan 2. Dr.R.Rajasekar 3. Dr.P.Sivaraman  
Prof. 2 HOD -IT Prof 2 HOD Prof/ECE  
KTC Dept of Mechanical Engg

Date of Audit : 23.12.2020 2

24.12.2020

Audited Department

: EEE

S.No	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)	Weighted Average	Observations
1.	Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/ F01	CDC-01,02	40	0 1 2 3 <b>4</b>	128	* Documents are maintained as per standard
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0 1 2 3 <b>4</b>		* NO document is maintained
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0 1 2 3 <b>4</b>		
		Minutes of BOS Meeting		CDC-08, 09		0 1 2 3 <b>4</b>		
		Improvement in Regulations		CDC-04		0 1 2 3 <b>4</b>		
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVA C/F01	NVC-01 to 06	30	0 1 2 3 <b>4</b>	105	
		Student involvement in field projects/internships		PC-05		0 1 2 <b>3</b> 4		* Letter from IIPC can be maintained Reqd. details & proof are available
		Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	KEC/DEPT/CDC/ F01	CDC-07A, 07C ,07E, 07F, 07G, 07P	40	0 1 2 3 <b>4</b>	160	
		Mapping of Course Outcomes and Programme Outcomes		CDC-03,04, 06		0 1 2 3 <b>4</b>		* Required details & proof are available
		Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F 01	TTI-01,02	40	0 1 2 3 <b>4</b>	160	
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 05		0 1 2 3 <b>4</b>		

2. Teaching -Learning Process (300)	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/F01	HOD-03	20	0	1	2	3	(4)	80	<p>ICT tools used very minimally</p> <p>Only list is maintained. No follow up actions.</p> <p>Separate key is not available.</p> <p>Co-PO attainment available in soft copy</p>	
	Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		0	1	2	3	(4)			
	Structured Course Plan	KEC/DEPT/CCT/	CCO-01	100	0	1	2	3	(4)	350		
	Course Coordination Meeting		CCO-02		0	1	2	3	(4)			
	Course Delivery Methods – Use of ICT tools		Proof		0	1	(2)	3	4			
	Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/ACO/F01	ACO-06		0	1	2	3	(4)			
	Conduct of Continuous Assessment Tests	KEC/DEPT/TCO/F01	TCO-01 to 07		0	1	2	3	(4)			
	Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Proof		0	1	(2)	3	4			
	Adequate number of Assignments and Tutorials	KEC/DEPT/ACO/F01	ACO-07		0	1	2	3	(4)			
	Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		0	1	2	3	(4)			
	Quality of Laboratory Manual		Proof		0	1	2	(3)	4			
	Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02		0	1	2	3	(4)			
	Evaluation of CA Test papers	KEC/DEPT/CCT/	Proof	50	0	1	(2)	3	4	125	<p>Separate key is not available.</p>	
	Evaluation of Assignments/Tutorials		Proof		0	1	(2)	3	4			
	Evaluating experiments – Rubrics/Periodically	KEC/DEPT/CCL/	Lab Manual		0	1	2	(3)	4			
	Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02		0	1	2	(3)	4			
	Continuous Assessment Test – Analysis	KEC/DEPT/ACO/F01	ACO-11	80	0	1	2	3	(4)	288	<p>Co-PO attainment available in soft copy</p>	
	End Semester Result Analysis		ACO-10,11		0	1	2	3	(4)			
	Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/ACO/F01	POM-01 to 05		0	1	2	(3)	4			
	Quality of Project Reports	KEC/DEPT/CCP/	Proof		0	1	2	(3)	4			
	Programme Advisory Committee(PAC) Meeting	KEC/DEPT/ACO/F01	ACO-08,09		0	1	2	3	(4)			

		Student Feedback on Course	KEC/DEPT/YCO/Class/F01	AC-16, YCO-07	50	0	1	2	3	4	200	
		Student Feedback on Teachers		AC-17, YCO-07		0	1	2	3	4		
		Student Satisfactory Survey		SSS-01		0	1	2	3	4		
3. Research, Innovation and Extension (150)	Seed money Proposals  Submission of Project Proposals  Research Grants received  Conference / seminar / workshop/FDP/STTP proposals submitted  Conference / seminar / workshop/FDP/SSTP organized	RC-03,05	KEC/DEPT/RC/F01	RC-03,05	20	0	1	2	3	4	40	NOT applied  sample proof available maintain soft copies
		RC-03,05		RC-03,05		0	1	2	3	4		
		RC-03,05		RC-06		0	1	2	3	4		Sample proof available Shall maintain soft copies
		RC-06		RC-06		0	1	2	3	4		
		Promotion of Start-ups	KEC/DEPT/HEC/F01	EMC-01 to 05	10	0	1	2	3	4	46	Details & proof are available
	Paper presentation by students  Conversion of student projects into paper  Quality Publications by faculty  Books/Book chapters/Conference proceedings  Patents filed/published/granted	SAP-01,04		SAP-01,04		0	1	2	3	4		
		RC-04, 07		RC-07		0	1	2	3	4		Reqd details available  Faculty-wise list can be prepared NO books/book chapter Proceedings available
		RC-07		RC-07		0	1	2	3	4		
		Proof		Proof		0	1	2	3	4		
		FST-05	KEC/DEPT/FST/F01	FST-05	20	0	1	2	3	4	166.67	Apart from KEC proof, Letter of appreciation (company) is essential  - NO Industry training
		FST-06		FST-06		0	1	2	3	4		
		IIPC-02,03		IIPC-04		0	1	2	3	4		
	Corporate Training (IIPC/Other Grants)	IIPC-04										

		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 04	20	0	1	2	3	4	80	Reqd. details & proof available	
		Inplant Training/Internship	KEC/DEPT/IPC/F01	IPC-01 to 04		0	1	2	3	4			
		MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		0	1	2	3	4			
		Industrial visits arranged for students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0	1	2	3	4			
4.	Infrastructure and Learning Resources (100)	Research Collaboration with other institution	KEC/DEPT/RC/F01	RC-08	10	0	1	2	3	4	97.5	<p>Publications bearing of reputed Instn. can be included</p> <p>Apart from IL01, follow up action can be maintained</p> <p>LT-05 to LT-07, complaints on equipment shall be updated to necessary follow up action need to be followed</p> <p>- 91% of budget towards Non-Recurring is not spent</p>	
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,06		0	1	2	3	4			
		Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/F01	FMM-01 to 04	30	0	1	2	3	4			
		Laboratory Maintenance Records/Registers	KEC/DEPT/Lab	LT-01 to 09		0	1	2	3	4			
		Equipment working conditions/Calibration				0	1	2	3	4			
		Latest/Research Level equipments – Availability and Utilization				0	1	2	3	4			
		Utilization of budget	KEC/DEPT/HOD/F01, KEC/DEPT/DBC/F01	HOD-06 DBC-01 to 05	20	0	1	2	3	4	80		
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	4	80		
5.	Student Support and Progression (100)	Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	4	75	<p>Documents are maintained as per standard</p> <p>Proof related to mentoring, &amp; follow up action need to be enhanced</p>	
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0	1	2	3	4			
		Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	40	0	1	2	3	4	93.3	<p>Need to be strengthened</p> <p>No improvement in placement</p>	
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	2	3	4			
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04		0	1	2	3	4			
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		0	1	2	3	4			
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0	1	2	3	4			

		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	0	1	2	3	4	60	* Participation in IIT + NIT need to be improved
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4	30	
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	60	Review meeting yet to be conducted
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01 to 04		0	1	2	3	4		Reaudit conducted. Verification list can be prepared.
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	60	Need to place a front consolidated sheet wise
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03,04	20	0	1	2	3	4		Faculty list should be prepared
		Faculty Qualification Improvement & Retention		Proof		0	1	2	3	4	70	Improvement Degree yet to receive
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	4	80	One staff attended
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	80	Reqd details b prof are available
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	3	4	90	
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	4		No separate files for this criteria are available .
		Contribution towards Special programmes	File	Proof		0	1	2	3	4		
		Human values and Professional Ethics related activities	File	Proof		0	1	2	3	4	166.7	
		Contribution towards Institutional Distinctiveness	File	Proof	20	0	1	2	3	4		
		Practices for Student Self learning	File	Proof		0	1	2	3	4	70	

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	553	3.7	No document maintained for improvement in regulations.
2.	Teaching –Learning Process	300	1043	3.5	Evaluation of CAT can be systemized.
3.	Research, Innovation and Extension	150	498.37	3.3	Lack of proposals for availing seed money
4.	Infrastructure and Learning Resources	100	317.5	3.2	Utilization of Budget shall be improved.
5.	Student Support and Progression	100	258.3	2.6	Mentoring and Placement shall be improved.
6.	Governance Leadership and Management	100	350	3.5	NTS skill upgradation shall be improved.
7.	Institutional Values and Best Practices	100	326.7	3.3	This criteria needs to be well show-cased.
Total		1000	3322.8	23.1 / 3.3	

1. V. Surya

2. Dy

Signature of Department Coordinators  
(with name)

1. V. SURENDAR, AP(SR.G)/EEE

2. S. K. Logesh AP(ST.G)/EEE

1. R.R [Total] (Average)  
24.12.2020

2. Raju 24.12.2020

3. Abhiram 24.12.2020  
Signature of Auditors  
(with name and dept.)

1. Dr. R. Thangarajan;  
HOD / IIT

2. Dr. B. Rajasekar  
HOD / Mechanical Engg.

3. Dr. P. Sivarajani  
Professor / ECE

Pmlo  
24.12.20

Head of the Department  
(with seal)

HEAD  
DEPT. OF ELECTRICAL & ELECTRONICS ENGG.  
SCHOOL OF ELECTRICAL SCIENCES  
KONGU ENGINEERING COLLEGE  
THOPPUPALAYAM (PO)  
PERUNDURAI (TK), ERODE - 638 060



### Audit Evaluation Sheet for the Academic Year 2019-2020

Auditors Name and Designation

: Dr. N. Shanthi / P/CSE

Date of Audit : 22/12/2020

Audited Department

: EIE Dr. S. MAHESWARAN / ASP/ECE

Report prepared on : 30/12/20

S.No	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)					Weighted Average	Observations
1.	Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/F01	CDC-01,02	40	0	1	2	3	4	144	- Good
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0	1	2	3	4		
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0	1	2	3	4		
		Minutes of BOS Meeting		CDC-08, 09		0	1	2	3	4		
		Improvement in Regulations		CDC-04		0	1	2	3	4		
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVA C/F01	NVC-01 to 06	30	0	1	2	3	4	75	- value added courses need to be improved
		Student involvement in field projects/internships		PC-05		0	1	2	3	4		
		Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	KEC/DEPT/CDC/F01	CDC-07A, 07C, 07E, 07F, 07G, 07P	40	0	1	2	3	4	80	- Feedback from employers needs improvement
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/F01	CDC-03,04, 06	40	0	1	2	3	4	147	- Mapping needs improvement
		Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F01	TTI-01,02		0	1	2	3	4		
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 05		0	1	2	3	4		

2.	Teaching -Learning Process (300)	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/F01	HOD-03	20	0	1	2	(3)	4	60	No adjunct Faculty ccm should be conducted reflected in logbook Slow learners attendance & circulars need to be maintained	
		Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		0	1	2	(3)	4			
		Structured Course Plan	KEC/DEPT/CCT/	CCO-01	100	0	1	2	3	(4)	360		
		Course Coordination Meeting		CCO-02		0	1	(2)	3	4			
		Course Delivery Methods – Use of ICT tools		Proof		0	1	2	(3)	4			
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/ACO/F01	ACO-06		0	1	2	3	(4)			
		Conduct of Continuous Assessment Tests	KEC/DEPT/TCO/F01	TCO-01 to 07		0	1	2	3	(4)			
		Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Proof		0	1	2	(3)	4			
		Adequate number of Assignments and Tutorials	KEC/DEPT/ACO/F01	ACO-07		0	1	2	3	(4)			
		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01	50	0	1	2	3	(4)	200		
		Quality of Laboratory Manual		Proof		0	1	2	3	(4)			
		Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02		0	1	2	3	(4)			
		Evaluation of CA Test papers	KEC/DEPT/CCT/	Proof		0	1	2	3	(4)			
		Evaluation of Assignments/Tutorials		Proof		0	1	2	3	(4)			
		Evaluating experiments – Rubrics/Periodically	KEC/DEPT/CCL/	Lab Manual		0	1	2	3	(4)			
		Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02		0	1	2	3	(4)			
		Continuous Assessment Test – Analysis	KEC/DEPT/ACO/F01	ACO-11	80	0	1	2	3	(4)	288	Direct assessment yet to be completed References need to be included in the project report.	
		End Semester Result Analysis		ACO-10,11		0	1	2	3	(4)			
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/ACO/F01	POM-01 to 05		0	1	2	(3)	4			
		Quality of Project Reports	KEC/DEPT/CCP/	Proof		0	1	2	(3)	4			
		Programme Advisory Committee(PAC) Meeting	KEC/DEPT/ACO/F01	ACO-08,09		0	1	2	3	(4)			

		Student Feedback on C	KEC/DEPT/YCO/ Class/F01	AC-16, YCO-07	50	0	1	2	3	4	116.67	Correction action on faulty scored less than the target need to be improved	
		Student Feedback on Teachers		AC-17, YCO-07		0	1	2	3	4		- Student satisfaction Survey not available	
		Student Satisfactory Survey		SSS-01		0	1	2	3	4		- Seed money proposal not available	
3.	Research, Innovation and Extension (150)	Seed money Proposals	KEC/DEPT/RC/F 01	RC-03,05	20	0	1	2	3	4	40	- Submission of proposals low	
		Submission of Project Proposals		RC-03,05		0	1	2	3	4		- Submission of proposals low	
		Research Grants received		RC-03,05		0	1	2	3	4		- 18 proposals submitted	
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-06	20	0	1	2	3	4	80	- 4 pgms organized	
		Conference / seminar / workshop/FDP/SSTP organized		RC-06		0	1	2	3	4		- Available	
		Promotion of Start-ups		KEC/DEPT/HEC/ F01	EMC-01 to 05	10	0	1	2	3	4	40	- Good
		Paper presentation by students		KEC/DEPT/SAP/ F01	SAP-01,04	50	0	1	2	3	4	183	- 28 papers published
		Conversion of student projects into paper		RC-04, 07	0		1	2	3	4	- Needs to be improved		
		Quality Publications by faculty		RC-07	0		1	2	3	4	- Good		
		Books/Book chapters/Conference proceedings		RC-07	0		1	2	3	4	- 2 filesd		
		Patents filed/published/granted		Proof	0		1	2	3	4	- Satisfactory		
		Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	KEC/DEPT/FST/F 01	FST-05	20	0	1	2	3	4	46.6	- Not good	
		Faculty as Resource persons		FST-06		0	1	2	3	4		- NO Testng, needs improvement	
		Industrial Consultancy/Testing Works		IIPC-02,03		0	1	2	3	4		- not available	
		Corporate Training (IIPC/Other Grants)	IIPC-04			0	1	2	3	4			

		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 04	20	0	1	2	3	4	75	<ul style="list-style-type: none"> <li>- 6 moU</li> <li>- Only 2 activities in 2019-20</li> </ul>		
		Implant Training/Internship	KEC/DEPT/IPC/F01	IPC-01 to 04		0	1	2	3	4				
		MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		0	1	2	3	4				
		Industrial visits arranged for students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0	1	2	3	4				
4.	Infrastructure and Learning Resources (100)	Research Collaboration with other institution	KEC/DEPT/RC/F01	RC-08	10	0	1	2	3	4	25	<ul style="list-style-type: none"> <li>- Needs to be improved</li> <li>- Satisfactory</li> </ul>		
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,06		0	1	2	3	4				
		Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/01	FMM-01 to 04	30	0	1	2	3	4	112.5			
		Laboratory Maintenance Records/Registers	KEC/DEPT/Lab	LT-01 to 09		0	1	2	3	4				
		Equipment working conditions/Calibration				0	1	2	3	4				
		Latest/Research Level equipments – Availability and Utilization				0	1	2	3	4				
		Utilization of budget	KEC/DEPT/HOD/F01, KEC/DEPT/DBC/F01	HOD-06 DBC-01 to 05	20	0	1	2	3	4	60			
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	4	80			
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	4	105	<ul style="list-style-type: none"> <li>- E-content developed</li> </ul>		
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0	1	2	3	4				
5.	Student Support and Progression (100)	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	4	90	<ul style="list-style-type: none"> <li>- NO. of Student Qualified in Competitive Exams</li> <li>- less</li> </ul>		
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	2	3	4				
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04	40	0	1	2	3	4	107			
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		0	1	2	3	4				
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0	1	2	3	4				

		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	0	1	2	3	4	60	- Good participation in NCC, NSS, sports
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4	30	-
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	70	Swot review meeting need to be improved
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01 to 04		0	1	2	3	4		
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	40	
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4	70	
		Faculty Qualification Improvement & Retention		Proof		0	1	2	3	4		
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	4	80	- Good
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	80	
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	3	4	90	- Student welfare fund is good
		Contribution towards Institutional Values and Social Responsibilities	File	Proof		0	1	2	3	4	100	- Need changes
		Contribution towards Special programmes	File	Proof		0	1	2	3	4		- not available
		Human values and Professional Ethics related activities	File	Proof		0	1	2	3	4		
		Contribution towards Institutional Distinctiveness	File	Proof	20	0	1	2	3	4	60	- Institutional resp need to be improved
		Practices for Student Self learning	File	Proof		0	1	2	3	4		

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	446	2.97	Feedback system needs improvement
2.	Teaching –Learning Process	300	1024.67	3.42	Disct assessment need to be completed
3.	Research, Innovation and Extension	150	489.6	3.264	Proposals & Consultancy needs improvement
4.	Infrastructure and Learning Resources	100	357.5	3.575	Good
5.	Student Support and Progression	100	287	2.87	Support towards higher edn needs to be improved
6.	Governance Leadership and Management	100	340	3.4	Strategic development has to be done
7.	Institutional Values and Best Practices	100	250	2.5	Contribution towards distinctiveness needs improvement
Total		1000	3194.77	3.19	

1. S. S. S. 30/12/20 (S. Jeenashreeen)

2. M. D. 30/12/20 (M. Thangamani)

3. J. M. 30/12/20 (M. L. Vijay Neel Bagyam)

Signature of Department Coordinators  
(with name)

1. Dr. N. SHANTHI | CSE

2. Dr. K. KANJAN | CHEM

3. Dr. M. M. M. 30/12/2020 | ECE

Signature of Auditors  
(with name and dept.)

Head of the Department  
(with seal)

Dr S Vijayachitra

Professor & Head

Dept. of Electronics & Instrumentation Engg,  
Kongu Engineering College  
Thoppuppalayam (Po)  
Perundurai, Erode - 638 060



23.12.2020 & 24.12.2020

Auditors Name and Designation

① Dr. S. ANANDAKUMAR, Professor ; ② Dr. J. PREMALATHA, Professor ; ③ Dr. S. SUJI PRASAD Asso. Professor

Audited Department

FOOD TECHNOLOGY.

Date of Audit :

S.No	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score, 4- High score)					Weighted Average	Observations
1.	Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/F01	CDC-01,02	40	0	1	2	③	4	128	Aug $\frac{16}{5} = 3.2$ $3.2 \times 40 = 128$
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0	1	2	③	4		
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0	1	2	3	④		
		Minutes of BOS Meeting		CDC-08, 09		0	1	2	③	4		
		Improvement in Regulations		CDC-04		0	1	2	③	4		
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVAC/F01	NVC-01 to 06	30	0	1	2	③	4	75	$\frac{5}{2} = 2.5, 2.5 \times 30 = 75$ very few internships
		Student involvement in field projects/internships	KEC/DEPT/PC/F01	PC-05		0	1	②	3	4		
		Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	KEC/DEPT/CDC/F01	CDC-07A, 07C, 07E, 07F, 07G, 07P	40	0	1	②	3	4	80	Only Alumni feedback is there. No other feedbacks.
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/F01	CDC-03,04, 06	40	0	1	2	③	4	133	$\frac{10}{3} = 3.33; 3.33 \times 40 = 133$
		Allotting courses to	KEC/DEPT/TTI/F01	TTI-01,02		0	1	2	③	4		

		faculty based on expertise									
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 05		0	1	2	3	4	
		Student Enrolment & Improvement in Student Quality	HOD-03		20	0	1	2	3	4	$\frac{8 \times 20}{2} = 80$
		Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HOD-04			0	1	2	3	4	80
		Structured Course Plan	CCO-01			0	1	2	3	4	
		Course Coordination Meeting NA	CCO-02			0	1	2	3	4	
		Course Delivery Methods – Use of ICT tools	Proof			0	1	2	3	4	
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/ACO/F01	ACO-06		0	1	2	3	4	
		Conduct of Continuous Assessment Tests	KEC/DEPT/TCO/F01	TCO-01 to 07		0	1	2	3	4	
		Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Proof		0	1	2	3	4	
		Adequate number of Assignments and Tutorials	KEC/DEPT/ACO/F01	ACO-07		0	1	2	3	4	
		Laboratory Course Plan		LT-01		0	1	2	3	4	
		Quality of Laboratory Manual	KEC/DEPT/CCL/	Proof		0	1	2	3	4	
		Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02		0	1	2	3	4	
		Evaluation of CA Test papers		Proof		0	1	2	3	4	
		Evaluation of Assignments/Tutorials	KEC/DEPT/CCT/	Proof		0	1	2	3	4	
		Evaluating experiments – Rubrics/Periodically	KEC/DEPT/CCL/	Lab Manual		0	1	2	3	4	
		Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02		0	1	2	3	4	
		Continuous Assessment Test – Analysis		ACO-11		0	1	2	3	4	$\frac{18}{5} = 3.6$ ; $3.6 \times 80 = 288$
		End Semester Result	KEC/DEPT/ACO/F01	ACO-10,11		0	1	2	3	4	
2.	Teaching –Learning Process (300)				100						$34 - 3.77$ Single session classes CCC meetings not conducted. ICT tools to be improved. Remedial Measure need to be improved
					50						200
					80						

	Analysis									<p>Course End Survey to be done for Cos.</p>	
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/ACO/F01	POM-01 to 05		0	1	2	3	4	
		Quality of Project Reports	KEC/DEPT/CCP/	Proof		0	1	2	3	4	
		Programme Advisory Committee(PAC) Meeting	KEC/DEPT/ACO/F01	ACO-08,09		0	1	2	3	4	
		Student Feedback on Course	KEC/DEPT/YCO/Class/F01	AC-16, YCO-07	50	0	1	2	3	4	
		Student Feedback on Teachers		AC-17, YCO-07		0	1	2	3	4	183.33
		Student Satisfactory Survey	KEC/DEPT/IQAC/F01	SSS-01		0	1	2	3	4	
3. Research, Innovation and Extension (150)	Seed money Proposals		KEC/DEPT/RC/F01	RC-03,05	20	0	1	2	3	4	26.6
		Submission of Project Proposals		RC-03,05		0	1	2	3	4	
		Research Grants received		RC-03,05		0	1	2	3	4	
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-06	20	0	1	2	3	4	
		Conference / seminar / workshop/FDP/SSTPorganized		RC-06		0	1	2	3	4	
		Promotion of Start-ups	KEC/DEPT/HEC/F01	EMC-01 to 05	10	0	1	2	3	4	0
	Paper presentation by students		KEC/DEPT/RC/F01	SAP-01,04	50	0	1	2	3	4	$\frac{16}{6} = 2.66 ; 2.66 \times 50 = 133$ UN = 16 projects PN = 14 projects Out of 30 projects, only 2 projects are converted into papers Faculty Publications is low
		Conversion of student projects into paper		RC-04, 07		0	1	2	3	4	
		Quality Publications by faculty		RC-07		0	1	2	3	4	
		Books/Book chapters/Conference proceedings		RC-07		0	1	2	3	4	
		Patents filed/		Proof		0	1	2	3	4	

		published/granted Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	KEC/DEPT/FST/F01	FST-05	20	0	1	2	3	4	13.2	only one student receive award for innovation	
		Faculty as Resource persons		FST-06		0	1	2	3	4		$\frac{2}{3} = 0.66 ; 0.66 \times 20 = 13.3$ No corporate branding low industrial consultancy and one faculty as acting as resource person	
		Industrial Consultancy/Testing Works	KEC/DEPT/IIPC/F01	IIPC-02,03	20	0	1	2	3	4	13.2	$\frac{2}{3} = 0.66 ; 0.66 \times 20 = 13.3$ No corporate branding low industrial consultancy and one faculty as acting as resource person	
		Corporate Training (IIPC/Other Grants)		IIPC-04		0	1	2	3	4		$\frac{2}{3} = 0.66 ; 0.66 \times 20 = 13.3$ No corporate branding low industrial consultancy and one faculty as acting as resource person	
		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 04	20	0	1	2	3	4	60	$\frac{12}{4} = 3 ; 3 \times 20 = 60$ No MoU signed during the year 2019-20	
		Inplant Training/Internship	KEC/DEPT/IPC/F01	IPC-01 to 04		0	1	2	3	4		$\frac{12}{4} = 3 ; 3 \times 20 = 60$ No MoU signed during the year 2019-20	
		MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		0	1	2	3	4		$\frac{12}{4} = 3 ; 3 \times 20 = 60$ No MoU signed during the year 2019-20	
		Industrial visits arranged for students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0	1	2	3	4		$\frac{12}{4} = 3 ; 3 \times 20 = 60$ No MoU signed during the year 2019-20	
		Research Collaboration with other institution	KEC/DEPT/RC/F01	RC-08	10	0	1	2	3	4	10	$\frac{2}{5} = 1 ; 1 \times 10 = 10$	
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,06		0	1	2	3	4		$\frac{2}{5} = 1 ; 1 \times 10 = 10$	
4.	Infrastructure and Learning Resources (100)	Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/01	FMM-01 to 04	30	0	1	2	3	4	105	$\frac{14}{4} \times 30 = 105$ No latest Research equipment after 2016 (HODLC)	
		Laboratory Maintenance Records/Registers	KEC/DEPT/Lab	LT-01 to 09		0	1	2	3	4		$\frac{14}{4} \times 30 = 105$ No latest Research equipment after 2016 (HODLC)	
		Equipment working conditions/Calibration				0	1	2	3	4		$\frac{14}{4} \times 30 = 105$ No latest Research equipment after 2016 (HODLC)	
		Latest/Research Level equipments – Availability and Utilization				0	1	2	3	4		$\frac{14}{4} \times 30 = 105$ No latest Research equipment after 2016 (HODLC)	
		Utilization of budget	KEC/DEPT/HOD/F01,K EC/DEPT/DBC/F01	HOD-06 DBC-01 to 05	20	0	1	2	3	4	40	10% Budget only used Non-recurring	
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	4	80		
		Computing Facilities - Maintenance and	KEC/DEPT/Lab	Records	30	0	1	2	3	4	90		

		utilization	KEC/DEPT/Lab	Records		0	1	2	3	4			
5.	Student Support and Progression (100)	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	4	$30 \times 4 = 120$	Students attended Self Development programme, Tamil Mandram. (File verified) NPTEL course file verified Mentoring by students counselors (Dr.A.Sudha & Dr.S.Kandasamy) file verified  TANCET – 4 GATE – 3 TNPSC – 2 MAT – 1 File verified 2017-18-100% 2018-19 -96% 2019-2020-85%  2018-19 -13 2019-2020-02( waiting for counseling)	
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	2	3	4			
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04	40	0	1	2	3	4	133.33		
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		0	1	2	3	4			
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0	1	2	3	4			
		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	0	1	2	3	4	4x20 = 80	File verified	
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4	0	No events conducted	
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	60	Academic results increased from 74-100%. Course specific visit Improvement in competitive exams TANCET -4, GATE -2, TNPSC-2, MAT -1 Total project fund of 20,60,000 received. Less consultancy work and non conformity was entered –file verified	
		Academic Audit –Action Taken				0	1	2	3	4			
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	60	Strategic development plan available in the department. COE was initiated. MOU with central university	

		Courses									(IIFPT) was active. New course on B.Tech (FT) Food Processing & Management – Application process initiate
7.	Institutional Values and Best Practices (100)	Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4	File verified Teaching -11 faculty undergone One faculty registered PhD in 219-2020. 3 faculty pursuing PhD SFR:16.33
		Faculty Qualification Improvement & Retention		Proof		0	1	2	3	4	
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	4	Non Teaching -2 faculty undergone
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	80
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	3	4	120
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	4	Aavin Course specific IV document verified Quiz forum document verified Self study course - Technology of fats and oils – 2 students opted Conversion of project to paper – 2 students published: Remaining communication & under review
		Contribution towards Special programmes	File	Proof		0	1	2	3	4	
		Human values and Professional Ethics related activities	File	Proof		0	1	2	3	4	
		Contribution towards Institutional Distinctiveness	File	Proof	20	0	1	2	3	4	Celebration of World Food day – 05.10.2019 – document verified. NSTEDB / DST – document seen for the previous academic year 2017-18, 2018-19 seen. Special address by food donor Mr.Selvakumar , Perundurai – File verified
		Practices for Student Self learning	File	Proof		0	1	2	3	4	
											Dr.R.Baskar attended Tamilnadu Food safety and medicine management Advisory Committee. Self study /NPTEL course verified

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	416	2.77	Stakeholders feedback is to be collected
2.	Teaching –Learning Process	300	1,188.33	3.76	-
3.	Research, Innovation and Extension	150	263	1.75	*
4.	Infrastructure and Learning Resources	100	315	3.15	-
5.	Student Support and Progression	100	333.33	3.33	Alumni visits, meetings not conducted.
6.	Governance Leadership and Management	100	350	3.5	-
7.	Institutional Values and Best Practices	100	383.33	3.83	-
<b>Total</b>		1000	3188.99	3.19	

- \* 3.1. Research proposal submission is low
- 3.2. No initiative for start-ups.
- 3.3. Out of 30 Projects (UG & PG), only 2 projects have converted into papers
- 3.4. Quality publication by faculty should be improved. 3.5 IIPC consultancy amount low

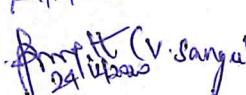
Signature of Department Coordinators      Signature of Auditors

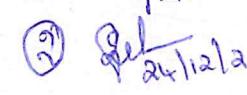
(with name)

1.  (A. Sivatha) (Dr. S. ANANDA KUMAR)

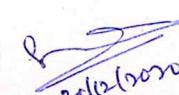
①  (Dr. S. ANANDA KUMAR)  
Professor/Civil.

24/12/2020

2.  (V. Sangatha) (Dr. J. PREMALATHA)

②  (Dr. J. PREMALATHA)  
Professor/CS/IT

24/12/2020

③  (Dr. S. J. Sugun Prasad)

ASP (EIE)

24/12/2020

Head of the Department

(with name and dept.)

  
[Dr. V. CHITRA DEVI]  
FOOD TECHNOLOGY

Chit  
24/12/2020



### Audit Evaluation Sheet for the Academic Year 2019-2020

Auditors Name and Designation

- 1. Dr. G. MURUGESAN / ECE
- 2. Dr. R. SUBASRI / EIE
- 3. Dr. A. SHEELA / EEE

Date of Audit : 28.12.2020

Audited Department

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29.12.2020

### INFORMATION TECHNOLOGY

S.No	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)	Weighted Average	Observations
1.	Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/F01	CDC-01,02	40	0 1 2 3 <b>4</b>	128	Maintained proper documents
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0 1 2 3 <b>4</b>		NO document is maintained properly
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0 1 2 <b>3</b> 4		
		Minutes of BOS Meeting		CDC-08, 09		0 1 2 <b>3</b> 4		
		Improvement in Regulations		CDC-04		0 1 <b>2</b> 3 4		
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVA C/F01	NVC-01 to 06	30	0 1 2 3 4	60	NO VAC is conducted
		Student involvement in field projects/internships		PC-05		0 1 2 3 <b>4</b>		
		Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	KEC/DEPT/CDC/F01	CDC-07A, 07C ,07E, 07F, 07G, 07P	40	0 1 2 <b>3</b> 4	120	Parent feedbacks is not appropriate
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/F01	CDC-03,04, 06	40	0 1 2 <b>3</b> 4	146.6	softcopy available
		Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F01	TTI-01,02		0 1 2 3 <b>4</b>		Documents are maintained as per standards
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 05		0 1 2 3 <b>4</b>		

2. Teaching –Learning Process (300)	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/F01	HOD-03	20	0	1	2	3	4	<p>As per Anna university ranking cut-off 1:16.8 → STR 4 : 6 : 18 - CR</p> <p>Mismatch in the 2019-20, VII Sem + VIII Sem Log book to be corrected</p> <p>For PG, instead of tutorials, case-study was conducted.</p> <p>Documents are available and maintained.</p> <p>Documents are available and maintained.</p>
	Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		0	1	2	3	4	
	Structured Course Plan	KEC/DEPT/CCT/	CCO-01	100	0	1	2	3	4	
	Course Coordination Meeting		CCO-02		0	1	2	3	4	
	Course Delivery Methods – Use of ICT tools		Proof		0	1	2	3	4	
	Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/ACO/F01	ACO-06		0	1	2	3	4	
	Conduct of Continuous Assessment Tests	KEC/DEPT/TCO/F01	TCO-01 to 07		0	1	2	3	4	
	Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Proof		0	1	2	3	4	
	Adequate number of Assignments and Tutorials	KEC/DEPT/ACO/F01	ACO-07		0	1	2	3	4	
	Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		0	1	2	3	4	
	Quality of Laboratory Manual		Proof		0	1	2	3	4	
	Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02		0	1	2	3	4	
	Evaluation of CA Test papers	KEC/DEPT/CCT/	Proof		0	1	2	3	4	
	Evaluation of Assignments/Tutorials		Proof		0	1	2	3	4	
	Evaluating experiments – Rubrics/Periodically	KEC/DEPT/CCL/	Lab Manual		0	1	2	3	4	
	Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02		0	1	2	3	4	
	Continuous Assessment Test – Analysis	KEC/DEPT/ACO/F01	ACO-11	80	0	1	2	3	4	<p>304</p>
	End Semester Result Analysis		ACO-10,11		0	1	2	3	4	
	Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/ACO/F01	POM-01 to 05		0	1	2	3	4	
	Quality of Project Reports	KEC/DEPT/CCP/	Proof		0	1	2	3	4	
	Programme Advisory Committee(PAC) Meeting	KEC/DEPT/ACO/F01	ACO-08,09		0	1	2	3	4	

		Student Feedback on Course	KEC/DEPT/YCO/ Class/F01	AC-16, YCO-07	50	0	1	2	3	4	188.3	2 faculty members not achieved reqd. level. Document maintained.
		Student Feedback on Teachers		AC-17, YCO-07		0	1	2	3	4		
		Student Satisfactory Survey		SSS-01		0	1	2	3	4		
3. Research, Innovation and Extension (150)	Seed money Proposals  Submission of Project Proposals  Research Grants received  Conference / seminar / workshop/FDP/STTP proposals submitted  Conference / seminar / workshop/FDP/SSTP organized	Seed money Proposals	KEC/DEPT/RC/F01	RC-03,05	20	0	1	2	3	4	20	No proposal submitted
		Submission of Project Proposals		RC-03,05		0	1	2	3	4		12 PHD, 18 Proposal Submitted
		Research Grants received		RC-03,05		0	1	2	3	4		Not received
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-06	20	0	1	2	3	4		12 Submitted but 1-FDP.
		Conference / seminar / workshop/FDP/SSTP organized		RC-06		0	1	2	3	4		1-FDP - 2 weeks completed
	Promotion of Start-ups	Promotion of Start-ups	KEC/DEPT/HEC/F01	EMC-01 to 05	10	0	1	2	3	4	30	1-startup Expert Member in TBI-EMDC-Programs.
	Paper presentation by students	Paper presentation by students	KEC/DEPT/SAP/F01	SAP-01,04	50	0	1	2	3	4	166.67	Outside-35, Table show; 26 but not in premier Institutes.
	Conversion of student projects into paper	Conversion of student projects into paper	KEC/DEPT/RC/F01	RC-04, 07		0	1	2	3	4		22/31 $\Rightarrow$ 70% (Exclude 14 Intern)
	Quality Publications by faculty	Quality Publications by faculty		RC-07		0	1	2	3	4		SCI-17, Scopus-35
	Books/Book chapters/Conference proceedings	Books/Book chapters/Conference proceedings		RC-07		0	1	2	3	4		8-chapters, 3-Scopus 3-Book, 1-Novel-USA.
	Patents filed/published/granted	Patents filed/published/granted		Proof		0	1	2	3	4		7 - Published.
	Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	KEC/DEPT/FST/F01	FST-05		0	1	2	3	4		Teachers - NIL Students - 5-Smart India Hackathon.
	Faculty as Resource persons	Faculty as Resource persons	KEC/DEPT/IIPC/F01	FST-06	20	0	1	2	3	4	53.33	KEC-6, Outside-15
	Industrial Consultancy/Testing Works	Industrial Consultancy/Testing Works		IIPC-02,03		0	1	2	3	4		Testing - 10, 14L + Proj. 2-18L : 1233 L
	Corporate Training (IIPC/Other Grants)	Corporate Training (IIPC/Other Grants)		IIPC-04		0	1	2	3	4		NIL : To be planned.

		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 04	20	0	1	2	3	4	70	$11+7 = 18$ programmes 309/342 Live MoU-10, but New-1. Activities-16. IV yr-3/3, III yr-2, II yr-1	
		Inplant Training/Internship	KEC/DEPT/IPC/F01	IPC-01 to 04		0	1	2	3	4			
		MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		0	1	2	3	4			
		Industrial visits arranged for students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0	1	2	3	4			
	4.	Research Collaboration with other institution	KEC/DEPT/RC/F01	RC-08	10	0	1	2	3	4	25	Sparks c-2 - Submitted 4 + ICT ACT -	
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,06		0	1	2	3	4			
	4.	Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/F01	FMM-01 to 04	30	0	1	2	3	4	90	Maintained proper records	
		Laboratory Maintenance Records/Registers	KEC/DEPT/Lab	LT-01 to 09		0	1	2	3	4		Utilisation register is not maintained	
		Equipment working conditions/Calibration				0	1	2	3	4		NO such facility is developed	
		Latest/Research Level equipments – Availability and Utilization				0	1	2	3	4			
		Utilization of budget	KEC/DEPT/HOD/F01, KEC/DEPT/DBC/F01	HOD-06 DBC-01 to 05	20	0	1	2	3	4	20	Budget utilisation 7. is less	
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	4	40	No Record for utilisation is maintained	
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	4	105		
		E-content development – Videos developed	KEC/DEPT/Lab	Records	30	0	1	2	3	4	=120		
	5.	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	4	90	Mentoring record to be followed in a different way	
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	2	3	4			
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04	40	0	1	2	3	4	106.6	Number of Participation is less	
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		0	1	2	3	4			
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0	1	2	3	4		Lesser number of percentage	

		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	0	1	2	3	4	80	Students involvement is more in sports, & extra curricular
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4	40	Required number is conducted
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	70	available but less review
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01 to 04		0	1	2	3	4		Available, NC-NIL
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	40	COE-NIL, SPRIME-2 (Submitted)
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4	80	Total = 70
		Faculty Qualification Improvement & Retention		Proof		0	1	2	3	4		PhD-12 Retention - 2019-20 - No resignation.
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	4	80	+
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	60	Even not conducted as -Covid.
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	3	4	90	CSR - Thirigai, ICT-LMS SWAYAM - Met Dr. RT, Smart India Hackathon.
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	4	150	NSS, NCC, ERP, SDC, Pl.Tr, GE
		Contribution towards Special programmes	File	Proof		0	1	2	3	4		APP Fest - National level School stu. Coding Hackathon
		Human values and Professional Ethics related activities	File	Proof		0	1	2	3	4		Dr. SVG - UHV-CS Dr. Tamil - Yoga & more
		Contribution towards Institutional Distinctiveness	File	Proof	20	0	1	2	3	4	60	Smart India Hackathon SWAYAM - Resource Person -
		Practices for Student Self learning	File	Proof		0	1	2	3	4		NPTEL, Talent show, InLWII

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	454.6	3.03	* Documents maintained. * Value Added Courses - NIL
2.	Teaching –Learning Process	300	1127.3	3.76	* Documents maintained.
3.	Research, Innovation and Extension	150	425	2.83	* Seed money proposal Applied - NIL * Research Project - NIL.
4.	Infrastructure and Learning Resources	100	255 310	2.55 3.1	* Lack of resource research level equipment * Competitions, Exam & Hr. Educators to be improved.
5.	Student Support and Progression	100	316.6	3.166	* Budget utilization is less.
6.	Governance Leadership and Management	100	330	3.3	* CoE to be initiated.
7.	Institutional Values and Best Practices	100	270 300	2.0	—
Total		1000	3263.5	2.91 3.09	

Signature of Department Coordinators  
(with name)

(T-ABIRAMI)

Alm 4/1/2021

1) Dr. G. MURUGESAN  
2) Dr. R. Selvaraj  
3) Dr. A. SHEELA

Signature of Auditors  
(with name and dept.)

1) Dr. G. MURUGESAN  
2) Dr. R. Selvaraj  
3) Dr. A. SHEELA

3.06 3.26

R.B ✓ 4.1.2021  
Head of the Department  
(with seal)

Dr. R. THANGARAJAN  
PROFESSOR AND HEAD  
DEPT. OF INFORMATION TECHNOLOGY  
KONGU ENGINEERING COLLEGE  
THOPPUPALAYAM (Po)  
PERUNDURAI (TK), ERODE - 638 060.



### Audit Evaluation Sheet for the Academic Year 2019-2020

Auditors Name and Designation

: 1. Dr. P. Senthilvelmurugan

Date of Audit : 30.12.2020 >

2. Dr. V. Chitra Devi, Dr. P. Balasubramanie

31.12.2020.

Audited Department

: MBA.

S.No	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)					Weighted Average	Observations
1.	Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/ F01	CDC-01,02	40	0	1	2	3	4	128	files verified.
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0	1	2	3	4		
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0	1	2	3	4		
		Minutes of BOS Meeting		CDC-08, 09		0	1	2	3	4		
		Improvement in Regulations		CDC-04		0	1	2	3	4		
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVA C/F01	NVC-01 to 06	30	0	1	2	3	4	45	No value added courses offered by the department
		Student involvement in field projects/internships	KEC/DEPT/PC/F01	PC-05		0	1	2	3	4		
		Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	KEC/DEPT/CDC/ F01	CDC-07A, 07C ,07E, 07F, 07G, 07P	40	0	1	2	3	4	80	more stakeholders to be identified
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/ F01	CDC-03,04, 06	40	0	1	2	3	4	160	files verified
		Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F 01	TTI-01,02		0	1	2	3	4		
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 05		0	1	2	3	4		

2. Teaching -Learning Process (300)	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/F01	HOD-03	20	0	1	2	3	4	80	Actual position covered not maintained. youtube videos seen Verified in course file Individual followup miss. Course files verified Verified by A/c Dr. v. Krishnamoorthy	
	Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		0	1	2	3	4			
	Structured Course Plan	KEC/DEPT/CCT/	CCO-01	100	0	1	2	3	4	330		
	Course Coordination Meeting		CCO-02		0	1	2	3	4			
	Course Delivery Methods – Use of ICT tools		Proof		0	1	2	3	4			
	Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/ACO/F01	ACO-06	50	0	1	2	3	4	163		
	Conduct of Continuous Assessment Tests	KEC/DEPT/TCO/F01	TCO-01 to 07		0	1	2	3	4			
	Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Proof		0	1	2	3	4			
	Adequate number of Assignments and Tutorials	KEC/DEPT/ACO/F01	ACO-07		0	1	2	3	4			
	Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		0	1	2	3	4			
	Quality of Laboratory Manual		Proof		0	1	2	3	4			
	Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02		0	1	2	3	4			
	Evaluation of CA Test papers	KEC/DEPT/CCT/	Proof		0	1	2	3	4	240	files verified.	
	Evaluation of Assignments/Tutorials		Proof		0	1	2	3	4			
	Evaluating experiments – Rubrics/Periodically	KEC/DEPT/CCL/	Lab Manual		0	1	2	3	4			
	Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02		0	1	2	3	4			
	Continuous Assessment Test – Analysis	KEC/DEPT/ACO/F01	ACO-11	80	0	1	2	3	4	240	HODs followup miss Just started for one course A/c verified.	
	End Semester Result Analysis		ACO-10,11		0	1	2	3	4			
	Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/ACO/F01	POM-01 to 05		0	1	2	3	4			
	Quality of Project Reports	KEC/DEPT/CCP/	Proof		0	1	2	3	4			
	Programme Advisory Committee(PAC) Meeting	KEC/DEPT/ACO/F01	ACO-08,09		0	1	2	3	4			

		Student Feedback on Course	KEC/DEPT/YCO/ Class/F01	AC-16, YCO-07	50	0	1	2	3	4	200	Respective files verber
		Student Feedback on Teachers		AC-17, YCO-07		0	1	2	3	4		
		Student Satisfactory Survey		SSS-01		0	1	2	3	4		
3. Research, Innovation and Extension (150)	Seed money Proposals  Submission of Project Proposals  Research Grants received  Conference / seminar / workshop/FDP/SSTP proposals submitted  Conference / seminar / workshop/FDP/SSTP organized  Promotion of Start-ups	KEC/DEPT/RC/F 01	RC-03,05	20	0	1	2	3	4	$\frac{4}{3} \times 20$ $= 26.67$	No Seed money proposals submitted  $\frac{5}{14}$ faculty have not submitted proposals.	
			RC-03,05		0	1	2	3	4		$\frac{3}{14}$ grants received for $\approx 24$ lakhs.	
			RC-03,05		0	1	2	3	4			
			RC-06	20	0	1	2	3	4	$\frac{5}{2} \times 20$ $= 50$	$\frac{5}{14}$ faculty have not submitted proposals	
			RC-06		0	1	2	3	4		4 sanctioned for worth of 6 lakhs	
			KEC/DEPT/HEC/ F01	EMC-01 to 05	10	0	1	2	3	4	0	No startups initiated
	Paper presentation by students  Conversion of student projects into paper  Quality Publications by faculty  Books/Book chapters/Conference proceedings  Patents filed/ published/granted	KEC/DEPT/SAP/ F01	SAP-01,04	50	0	1	2	3	4	$\frac{13}{28}$ papers only presented outside KEC.  $\frac{6}{13}$ converted to papers  $\frac{6}{12}$ faculty published in quality journals  1 book & 1 conference proceedings available	$\frac{13}{28}$ papers only presented outside KEC.  $\frac{6}{13}$ converted to papers  $\frac{6}{12}$ faculty published in quality journals  1 book & 1 conference proceedings available	
			RC-04, 07		0	1	2	3	4			
			RC-07		0	1	2	3	4			
			RC-07		0	1	2	3	4			
			Proof		0	1	2	3	4			
		KEC/DEPT/FST/F 01	FST-05		0	1	2	3	4	$\frac{8}{14}$ have acted as resource persons  10 consultancy / training conducted  Minimum Rs 10,000/- for Ph.D. degree holders have not been met by few faculty	$\frac{8}{14}$ have acted as resource persons  10 consultancy / training conducted  Minimum Rs 10,000/- for Ph.D. degree holders have not been met by few faculty	
			FST-06	20	0	1	2	3	4	$\frac{5}{3} \times 20$ $= 33.33$		
			IIPC-02,03		0	1	2	3	4			
	Industrial Consultancy/Testing Works  Corporate Training (IIPC/Other Grants)	KEC/DEPT/IIPC/ F01	IIPC-04		0	1	2	3	4			

		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 04	20	0	1	2	3	4	$\frac{12}{4} \times 20$	Association, WPC, PI, EDC files verified.	
		Implant Training/Internship	KEC/DEPT/IPC/F01	IPC-01 to 04		0	1	2	3	4		100 DPT prof available	
		MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		0	1	2	3	4	= 65	113 MoUs signed 4 new MoUs signed	
		Industrial visits arranged for students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0	1	2	3	4		52 students only visited industry	
4.	Infrastructure and Learning Resources (100)	Research Collaboration with other institution	KEC/DEPT/RC/F01	RC-08	10	0	1	2	3	4	$\frac{2}{2} \times 10$	No prof available	
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,06		0	1	2	3	4	= 10	5 faculty have only visited industries.	
		Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/F01	FMM-01 to 04	30	0	1	2	3	4		files. verified.	
		Laboratory Maintenance Records/Registers	KEC/DEPT/Lab	LT-01 to 09		0	1	2	3	4			
		Equipment working conditions/Calibration				0	1	2	3	4			
		Latest/Research Level equipments – Availability and Utilization				0	1	2	3	4		No such equipment	
		Utilization of budget	KEC/DEPT/HOD/F01, KEC/DEPT/DBC/F01	HOD-06 DBC-01 to 05	20	0	1	2	3	4	80		
5.	Student Support and Progression (100)	Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	4	80	files verified.	
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	4			
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0	1	2	3	4	120		
		Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	4	60	not found. file verified	
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	2	3	4			
5.	Student Support and Progression (100)	Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04	40	0	1	2	3	4			
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		0	1	2	3	4	123		
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0	1	2	3	4			

		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	0	1	2	3	4	80	file verified
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4	40	file Verified
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	$\frac{1}{2} \times 20$	Review not available
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01 to 04		0	1	2	3	4	$= 50$	Report available
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	$1 \times 20 = 20$	COE - NIL MoU signed - No activities No new courses.
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4	$\frac{1}{2} \times 20$	Files verified
		Faculty Qualification Improvement & Retention		Proof		0	1	2	3	4	$= 80$	80% retention
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	4	$1 \times 20 = 20$	Need not identified
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	0	Not conducted
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	3	4	$3 \times 30 = 90$	files verified
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	4	$\frac{8}{3} \times 50$	Files Verified
		Contribution towards Special programmes	File	Proof		0	1	2	3	4	$= 133.33$	
		Human values and Professional Ethics related activities	File	Proof		0	1	2	3	4		
		Contribution towards Institutional Distinctiveness	File	Proof	20	0	1	2	3	4	$\frac{3}{2} \times 20$	Files Verified
		Practices for Student Self learning	File	Proof		0	1	2	3	4	$= 30$	NPTEL has been done by students

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	413	2.75	Feedback on curriculum - more stress on holistics to be included.
2.	Teaching –Learning Process	300	1013	3.38	HOD's monthly is to be done.
3.	Research, Innovation and Extension	150	251.67	1.68	Seedmoney, startups & patents have to be initiated.
4.	Infrastructure and Learning Resources	100	370	3.7	Good.
5.	Student Support and Progression	100	313	3.13	Follow ups to be maintained.
6.	Governance Leadership and Management	100	140	1.7	Centre of excellence, non based activities can be improved
7.	Institutional Values and Best Practices	100	153.33	2.53	student self learning activities can be improved, with initiation
Total		1000	2784	2.78	

Padma Valley

Signature of Department Coordinators  
(with name)

(Dr. S. Padmavally)

1. Dr. P. Senthil Velumiyangar
2. Dr. V. CHITRA Devi Professor/PT
3. Dr. P. Balasubramanie

Signature of Auditors  
(with name and dept.)

CT-PGT

R Sundaram  
Head of the Department  
(with seal)

(R. SUNDARAM)



### Audit Evaluation Sheet for the Academic Year 2019-2020

Date of Audit : 30.12.2020 & 31.12.2020

**Auditors Name and Designation** : Dr.P.Natesan, Professor & Head, CT-UG  
Dr.S.Malliga, Professor, CSE  
Dr.K.Senthil Kumar, Professor, Chemical Engineering

**Audited Department** : Department of Computer Applications

S.No	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)					Weighted Average	Observations
1.	Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/ F01	CDC-01,02	40	0	1	2	3	4	128	Curriculum structure and syllabus verified
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0	1	2	3	4		Improvements in curriculum IoT –Introduction DMDW- Core paper
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0	1	2	3	4		
		Minutes of BOS Meeting		CDC-08, 09		0	1	2	3	4		
		Improvement in Regulations		CDC-04		0	1	2	3	4		
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVA C/F01	NVC-01 to 06	30	0	1	2	3	4	60	Internship-17 Consultancy-12
		Student involvement in field projects/internships	KEC/DEPT/PC/F01	PC-05		0	1	2	3	4		
		Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	KEC/DEPT/CDC/ F01	CDC-07A, 07C ,07E, 07F, 07G, 07P	40	0	1	2	3	4	160	Feedback
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/ F01	CDC-03,04, 06	40	0	1	2	3	4	120	Skill Matrix checked
		Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F 01	TTI-01,02		0	1	2	3	4		Need improvement
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 05		0	1	2	3	4		Time Table verified

2. Teaching -Learning Process (300)	Student Enrollment & Improvement in Student Quality  Student Teacher Ratio, Cadre Ratio & Adjunct Faculty  Structured Course Plan  Course Coordination Meeting  Course Delivery Methods – Use of ICT tools  Continuous Assessment (CA) Test Question Paper standards  Conduct of Continuous Assessment Tests  Remedial Measures for Slow Learners  Adequate number of Assignments and Tutorials  Laboratory Course Plan  Quality of Laboratory Manual  Project Work Review Schedule  Evaluation of CA Test papers  Evaluation of Assignments/Tutorials  Evaluating experiments – Rubrics/Periodically  Evaluation of Projects through Review – Rubrics followed  Continuous Assessment Test – Analysis  End Semester Result Analysis  Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken  Quality of Project Reports	KEC/DEPT/HOD/F01	HOD-03	20	0	1	2	3	4	40	Student quality need to analyze  Not Applicable
			HOD-04		0	1	2	3	4		
		KEC/DEPT/CCT/	CCO-01	100	0	1	2	3	4	300	Usage of ICT Tools need to be improved
			CCO-02		0	1	2	3	4		
			Proof		0	1	2	3	4		
			ACO-06		0	1	2	3	4		
		KEC/DEPT/TCO/F01	TCO-01 to 07	100	0	1	2	3	4	300	Lab Manual need improvement
			Proof		0	1	2	3	4		
			ACO-07		0	1	2	3	4		
			LT-01		0	1	2	3	4		
		KEC/DEPT/CCL/	Proof	50	0	1	2	3	4	175	Rubrics checked  Rubrics followed
			PR-01,02		0	1	2	3	4		
		KEC/DEPT/CCT/	Proof		0	1	2	3	4		
			Proof		0	1	2	3	4		
		KEC/DEPT/CCL/	Lab Manual	80	0	1	2	3	4	320	Not Applicable
			PR-02		0	1	2	3	4		
		KEC/DEPT/ACO/F01	ACO-11		0	1	2	3	4		
			ACO-10,11		0	1	2	3	4		
		KEC/DEPT/ACO/F01	POM-01 to 05		0	1	2	3	4		
			Proof		0	1	2	3	4		

		Programme Advisory Committee(PAC) Meeting	KEC/DEPT/ACO/F01	ACO-08,09	0	2	3	4		Not Applicable	
	Student Feedback on Course	KEC/DEPT/YCO/Class/F01	AC-16, YCO-07	50	0	1	2	3	4	200	
					0	1	2	3	4		
	Student Feedback on Teachers		AC-17, YCO-07		0	1	2	3	4		
	Student Satisfactory Survey	KEC/DEPT/IQAC/F01	SSS-01	KEC/DEPT/RC/F01	0	1	2	3	4	53.4	
3. Research, Innovation and Extension (150)	Seed money Proposals	KEC/DEPT/RC/F01	RC-03,05		0	1	2	3	4		
	Submission of Project Proposals		RC-03,05		0	1	2	3	4		
	Research Grants received		RC-03,05		0	1	2	3	4		
	Conference / seminar / workshop/FDP/STTP proposals submitted	KEC/DEPT/RC/F01	RC-06		0	1	2	3	4	80.0	
	Conference / seminar / workshop/FDP/SSTP organized		RC-06		0	1	2	3	4		
	Promotion of Start-ups	KEC/DEPT/HEC/F01	EMC-01 to 05	KEC/DEPT/RC/F01	10	0	1	2	3	4	0
	Paper presentation by students	KEC/DEPT/RC/F01	SAP-01,04		0	1	2	3	4	108.33	
	Conversion of student projects into paper		RC-04, 07		0	1	2	3	4		
	Quality Publications by faculty		RC-07		0	1	2	3	4		
	Books/Book chapters/Conference proceedings		RC-07		0	1	2	3	4		
	Patents filed/published/granted		Proof		0	1	2	3	4		
	Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	KEC/DEPT/FST/F01	FST-05	KEC/DEPT/IIPC/F01	0	1	2	3	4	53.3	
	Faculty as Resource persons		FST-06		0	1	2	3	4		
	Industrial Consultancy/Testing Works	KEC/DEPT/IIPC/F01	IIPC-02,03		0	1	2	3	4		
	Corporate Training (IIPC/Other Grants)		IIPC-04		0	1	2	3	4		

		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 04	20	0	1	2	3	4	50	Association 9 Activities 17/110 students- Internship 3 MoUs signed with (4) some activities Nil
		Implant Training/Internship	KEC/DEPT/IPC/F01	IPC-01 to 04		0	1	2	3	4		
		MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		0	1	2	3	4		
		Industrial visits arranged for students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0	1	2	3	4		
		Research Collaboration with other institution	KEC/DEPT/RC/F01	RC-08		0	1	2	3	4		
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,06		0	1	2	3	4		
4.	Infrastructure and Learning Resources (100)	Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/01	FMM-01 to 04	30	0	1	2	3	4	112.5	Details are available in file <i>Registers</i> Record and resistus are available-updated
		Laboratory Maintenance Records/Registers				0	1	2	3	4		
		Equipment working conditions/Calibration				0	1	2	3	4		
		Latest/Research Level equipments – Availability and Utilization				0	1	2	3	4		152 Computer available with working condition ICMR project-Laptop(15) & Laser Printer purchased
		Utilization of budget	KEC/DEPT/HOD/F01, KEC/DEPT/DBC/F01	HOD-06 DBC-01 to 05	20	0	1	2	3	4	60	Budget file available - updated
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	4	60	1505 books, as on 213. Utilization register is available
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	4	90	152 Computer available .Preventive & Breakdown maintain available <i>(Registration)</i> 1 youtube content Dr.TA available
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0	1	2	3	4		
5.	Student Support and Progression (100)	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	4	45	41 courses, No one credit non formal course No participation in college wise
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	2	3	4		
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04	40	0	1	2	3	4	80	No success in competitive exams

		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		0	1	2	3	4		Placement got
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0	1	2	3	4		One student joined in higher education
		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	0	1	2	3	4	60	No Sports
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4	30	5 Guest Lectures
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	50	
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01 to 04		0	1	2	3	4		
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	20	New courses individual to be tested
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4	70	2- supporting staff
		Faculty Qualification Improvement & Retention		Proof		0	1	2	3	4		
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	4	60	
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	60	1
		Department Best Practices	File	Proof	30	0	1	2	3	4	60	Placement, Skill development involvement of faculty in research
7.	Institutional Values and Best Practices (100)	Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	4	50	Got award
		Contribution towards Special programmes	File	Proof		0	1	2	3	4		
		Human values and Professional Ethics related activities	File	Proof		0	1	2	3	4		
		Contribution towards Institutional Distinctiveness	File	Proof	20	0	1	2	3	4	40	
		Practices for Student Self learning	File	Proof		0	1	2	3	4		

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	468	3.12	Offering of value added course to be improved
2.	Teaching –Learning Process	300	1035	3.45	Usage of ICT Tools and E-content development need improvement
3.	Research, Innovation and Extension	150	375.53	2.5	Paper presentation in conference may be encouraged
4.	Infrastructure and Learning Resources	100	322.5	3.2	E-content development need to be improved
5.	Student Support and Progression	100	215	2.15	Higher Education and Competitive exam need focus
6.	Governance Leadership and Management	100	260	2.6	Collaboration with foreign universities
7.	Institutional Values and Best Practices	100	150	1.5	Contribution to institute, special programmes
Total		1000	2825.8	18.52 / 1 = (2.65) <sup>2.82</sup>	

Signature of Department Coordinators  
(with name)

(DR. M. JAGADEESAN)

1. P-NRSSM 4/1 (Dr. P. NATESAN/CTU)  
2. Sujay 4/1/2021 (S. MALLYA P/CS2)  
3. Dharshy 4/1/21 (K. SENTHIL KUMAR)

Signature of Auditors  
(with name and dept.)

Head of the Department  
(with seal)

**Dr. R. Thamil Selvan**  
Professor & Head  
**Dept. of Computer Applications**  
**Kengu Engineering College**  
**Thoppuppalayam (Po)**  
**Perundurai, Erode - 638 060**



### Audit Evaluation Sheet for the Academic Year 2019-2020

Auditors Name and Designation : Dr.N.Kasthuri / Professor

Date of Audit: 28.12.2020 & 29.12.2020

Dr.P.S.Kothai / Professor & Head

Dr.R.Somasundaram / Professor & Head

S.No	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)					Weighted Average	Observations
1.	Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/ F01	CDC-01,02	40	0	1	2	3	4	120	Documents verified.
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0	1	2	3	4		
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0	1	2	3	4		
		Minutes of BOS Meeting		CDC-08, 09		0	1	2	3	4		
		Improvement in Regulations		CDC-04		0	1	2	3	4		
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVA C/F01	NVC-01 to 06	30	0	1	2	3	4	75	2 Documents verified.
		Student involvement in field projects/internships	KEC/DEPT/PC/F01	PC-05		0	1	2	3	4		Projects file verified.
		Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	KEC/DEPT/CDC/ F01	CDC-07A, 07C ,07E, 07F, 07G, 07P	40	0	1	2	3	4	120	Verified.
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/ F01	CDC-03,04, 06	40	0	1	2	3	4	160	Not Applicable.
		Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F 01	TTI-01,02		0	1	2	3	4		TR matrix verified.
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 05		0	1	2	3	4		Time Table verified.

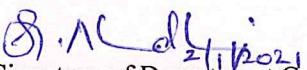
2.	Teaching -Learning Process (300)	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/ F01	HOD-03	20	0	1	2	3	4	20	Analysis on quality improvement not done.
		Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		0	1	2	3	4		Not Applicable.
		Structured Course Plan	KEC/DEPT/CCT/	CCO-01	100	0	1	2	3	4	330	Minutes not as per format. Not Recorded.
		Course Coordination Meeting		CCO-02		0	1	2	3	4		
		Course Delivery Methods – Use of ICT tools		Proof		0	1	2	3	4		
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/ACO/ F01	ACO-06		0	1	2	3	4		
		Conduct of Continuous Assessment Tests	KEC/DEPT/TCO/ F01	TCO-01 to 07		0	1	2	3	4		Mentoring scheme verified.
		Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Proof		0	1	2	3	4		Files Verified.
		Adequate number of Assignments and Tutorials	KEC/DEPT/ACO/ F01	ACO-07		0	1	2	3	4		
		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01	50	0	1	2	3	4	187.5	
		Quality of Laboratory Manual		Proof		0	1	2	3	4		
		Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02		0	1	2	3	4		Files Verified.
		Evaluation of CA Test papers	KEC/DEPT/CCT/	Proof		0	1	2	3	4		
		Evaluation of Assignments/Tutorials		Proof		0	1	2	3	4		
		Evaluating experiments – Rubrics/Periodically	KEC/DEPT/CCL/	Lab Manual		0	1	2	3	4		
		Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02		0	1	2	3	4		
		Continuous Assessment Test – Analysis	KEC/DEPT/ACO/ F01	ACO-11	80	0	1	2	3	4	293.33	
		End Semester Result Analysis		ACO-10,11		0	1	2	3	4		
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/ACO/ F01	POM-01 to 05		0	1	2	3	4		Not Applicable.
		Quality of Project Reports	KEC/DEPT/CCP/	Proof		0	1	2	3	4		Reports Quality need to be improved.
		Programme Advisory Committee(PAC) Meeting	KEC/DEPT/ACO/ F01	ACO-08,09		0	1	2	3	4		Not Applicable.

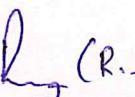
		Student Feedback on Course	KEC/DEPT/YCO/ Class/F01	AC-16, YCO-07	50	0	1	2	3	4	200	Not Applicable.
		Student Feedback on Teachers		AC-17, YCO-07		0	1	2	3	4		
		Student Satisfactory Survey		SSS-01		0	1	2	3	4		
3.	Research, Innovation and Extension (150)	Seed money Proposals	KEC/DEPT/RC/F 01	RC-03,05	20	0	1	2	3	4	20	No Seed money Proposal Submitted.
		Submission of Project Proposals		RC-03,05		0	1	2	3	4		11 No. of proposals submitted.
		Research Grants received		RC-03,05		0	1	2	3	4		No grants received.
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-06	20	0	1	2	3	4	40	5 Proposals submitted
		Conference / seminar / workshop/FDP/SSTP organized		RC-06		0	1	2	3	4		Proof verified
		Promotion of Start-ups		KEC/DEPT/HEC/ F01	EMC-01 to 05	10	0	1	2	3	4	10
		Paper presentation by students	KEC/DEPT/RC/F 01	SAP-01,04	50	0	1	2	3	4	116.6	55 Papers presented. Proof Verified.
		Conversion of student projects into paper		RC-04, 07		0	1	2	3	4		19 Projects converted to paper.
		Quality Publications by faculty		RC-07		0	1	2	3	4		42 Papers published.
		Books/Book chapters/Conference Proceedings		RC-07		0	1	2	3	4		NIL
		Patents filed/ published/granted		Proof		0	1	2	3	4		2 Awards won by faculty.
		Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	KEC/DEPT/FST/F 01	FST-05		0	1	2	3	4		Document Verified.
		Faculty as Resource persons		FST-06	20	0	1	2	3	4	40	Consultancy only.
		Industrial Consultancy/Testing Works		IIPC-02,03		0	1	2	3	4		NIL
		Corporate Training (IIPC/Other Grants)	KEC/DEPT/IIPC/ F01	IIPC-04		0	1	2	3	4		

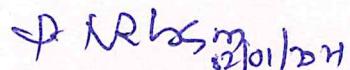
		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 04	20	0	1	2	(3)	4	60	Documents Verified.	
		Implant Training/Internship	KEC/DEPT/IPC/F01	IPC-01 to 04		0	1	2	(3)	4		11 No. of In-plant Training. Documents verified.	
		MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		0	1	2	(3)	4		MOU Signed. Activities verified	
		Industrial visits arranged for Students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0	1	2	(3)	4		More IV recommended.	
	4.	Research Collaboration with other institution	KEC/DEPT/RC/F01	RC-08	10	0	(1)	2	3	4	15	Initiated.	
		Faculty interaction with Industries	KEC/DEPT/IIPC/F01	IIPC-01,06		0	1	(2)	3	4		Proof verified	
	4.	Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/01	FMM-01 to 04	30	0	1	2	3	(4)	97.5	Calibration not applicable. NIL	
		Laboratory Maintenance Records/Registers	KEC/DEPT/Lab	LT-01 to 09		0	1	2	3	(4)			
		Equipment working conditions/Calibration				0	1	2	(3)	4			
		Latest/Research Level equipments – Availability and Utilization				0	1	(2)	3	4			
		Utilization of budget	KEC/DEPT/HOD/F01, KEC/DEPT/DBC/F01	HOD-06 DBC-01 to 05	20	0	1	(2)	3	4	40	Low Utilization of budget.	
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	(3)	4	60	Records verified. Faculty utilization should also be recorded.	
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	(3)	4	90	5 Faculties developed e-content. More number required.	
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0	1	2	(3)	4			
	5.	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	(3)	4	90	Documents Verified.	
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	2	(3)	4			
		Student participation and success in competitive Examinations	KEC/DEPT/HEC/F01	HEC-04	40	0	1	2	(3)	4	120	Proof verified.	
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		0	1	2	(3)	4			
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0	1	2	(3)	4			

		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	0	1	2	(3)	4	60	199 Participation. proof verified
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	(4)	40	Good Practice followed.
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	(2)	3	4	50	SWOT meeting not recorded. Review meeting not conducted.
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01 to 04		0	1	2	(3)	4		Action taken for NCs not available. R&D gap only recorded. Review dates to be recorded for quality plan items.
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	(2)	3	4	40	New courses found as per development.
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	(3)	4	60	Gap in recording details found in date wise.
		Faculty Qualification Improvement & Retention		Proof		0	1	2	(3)	4		Training need file and Training attended file not matching except one.
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	(4)	80	File maintained and training given.
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	(4)	80	Action taken recorded.
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	(3)	4	90	Only two identified. Some more can be explored.
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	(4)	183.3	Evidence for attending awareness rally certificates. Police training.
		Contribution towards Special programmes	File	Proof		0	1	(2)	3	4		Training conducted for students. Faculty attended training on Human Values
		Human values and Professional Ethics related activities	File	Proof		0	1	2	3	(4)		
		Contribution towards Institutional Distinctiveness	File	Proof	20	0	1	2	(3)	4	60	Two activities identified. NPTEL Course done by students.
		Practices for Student Self learning	File	Proof		0	1	2	(3)	4		

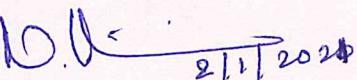
S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	475	3.16	Arrangements of documents need to be formulated.
2.	Teaching –Learning Process	300	1030.8	3.436	More focus required on usage of ICT tools.
3.	Research, Innovation and Extension	150	301.6	2.01	Student Project to paper conversion need to be improved. Faculty quality publication required to be improved.
4.	Infrastructure and Learning Resources	100	287.5	2.87	Learning resources must be developed.
5.	Student Support and Progression	100	316	3.16	Number of students going for higher studies through competitive exams should be encouraged.
6.	Governance Leadership and Management	100	310	3.1	Concentrate on effective SWOT and Strategic Planning for the department to be done.
7.	Institutional Values and Best Practices	100	333.6	3.336	More activities for institutional value addition may be carried out.
<b>Total</b>		1000	3054.5	3.05	

  
 Signature of Department Coordinators  
 (with name)

  
 (R. Soma Sundaram/MBA),  
 Signature of Auditors  
 (with name and dept.)

  
 Head of the Department  
 (with seal)

**Dr. P. Natesan**  
 Professor & Head  
 Dept. of Computer Technology (UG)  
 Kongu Engineering College  
 Thoppuppalayam (Po)  
 Perundurai, Erode - 638060

  
 (Dr. P. S. KOTHAI)  
  
 (Dr. N. KASTHURI)



## Audit Evaluation Sheet for the Academic Year 2019-2020

Auditors Name and Designation

: Dr.P.N.Palanisamy, Professor & Head  
 Dr.R.R.Rajalaxmi, Professor  
 Dr.V.Hariharan, Professor

Date of Audit : 28.12.2020

Audited Department

: Computer Technology-PG

SNo.	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)					Weighted Average	Observations
1.	Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/ F01	CDC-01,02	40	0	1	2	3	4	160	BOS files verified
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0	1	2	3	4		
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0	1	2	3	4		
		Minutes of BOS Meeting		CDC-08, 09		0	1	2	3	4		
		Improvement in Regulations		CDC-04		0	1	2	3	4		
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVA C/F01	NVC-01 to 06	30	0	1	2	3	4	120	1. Two one credit courses organized 2. Industry project file verified
		Student involvement in field projects/internships	KEC/DEPT/PC/F 01	PC-05		0	1	2	3	4		
		Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	KEC/DEPT/CDC/ F01	CDC-07A, 07C ,07E, 07F, 07G, 07P	40	0	1	2	3	4	120	1. Feedback from alumni verified 2. Few more may be obtained
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/ F01	CDC-03,04, 06	40	0	1	2	3	4	160	1. Subject allocation for Dr.T.Maragatham and M.Arumugam done based on skill matrix 2. Time table file verified
		Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F 01	TTI-01,02		0	1	2	3	4		
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 05		0	1	2	3	4		

SNo.	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)					Weighted Average	Observations	
2.	Teaching -Learning Process (300)	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD /F01	HOD-03	20	0	1	2	3	4	70	<p>1. Available 2. Cadre ratio not met 3. No adjunct faculty</p> <p>1. 18ISC12 Problem Solving and Programming (Odd Semester – I Year/ I Sem ) – P.Yuvarani 2. 14IST63 Software Project Management (Even Semester – III Year/VI Sem) – Malathi Eswaran 3. 14ISE23 Big Data Analytics (Odd Semester – V Year/ IX Sem) – M.Mangayarkarasi</p> <p><u>Laboratory Rubrics Verification</u> 1.14ISL92 Software Application Development Laboratory (Odd Semester – V Year/ IX Sem) – Dr.P.Ananthi 2. 18ISL33 – Data Structures Laboratory (Odd Semester – II Year/ III Sem) - Dr.T.Maragatham</p> <p><u>Project Work</u> 14ISP01 – Project Work II – X Semester PR01, PR02 verified</p>	
		Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		0	1	2	3	4			
		Structured Course Plan	KEC/DEPT/CCT/	CCO-01	100	0	1	2	3	4	400		
		Course Coordination Meeting		CCO-02		0	1	2	3	4			
		Course Delivery Methods – Use of ICT tools		Proof		0	1	2	3	4			
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/ACO/ F01	ACO-06	100	0	1	2	3	4	304		
		Conduct of Continuous Assessment Tests	KEC/DEPT/TCO/ F01	TCO-01 to 07		0	1	2	3	4			
		Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Proof		0	1	2	3	4			
		Adequate number of Assignments and Tutorials	KEC/DEPT/ACO/ F01	ACO-07		0	1	2	3	4			
		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		0	1	2	3	4			
		Quality of Laboratory Manual		Proof		0	1	2	3	4			
		Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02		0	1	2	3	4			
		Evaluation of CA Test papers	KEC/DEPT/CCT/	Proof	50	0	1	2	3	4	200	<p>1. Evaluation of CA Test papers , assignments and</p>	
		Evaluation of Assignments/Tutorials		Proof		0	1	2	3	4			
		Evaluating experiments – Rubrics/Periodically	KEC/DEPT/CCL/	Lab Manual		0	1	2	3	4			
		Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02		0	1	2	3	4			
		Continuous Assessment Test – Analysis	KEC/DEPT/ACO/ F01	ACO-11	80	0	1	2	3	4	304		

SNo.	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)					Weighted Average	Observations
3.	Research, Innovation and Extension (150)	End Semester Result Analysis		ACO-10,11	50	0	1	2	3	4	200	tutorials – maintained 2. Students counseling form - maintained 3. End semester result analysis – verified for odd & even semester 4. Course Outcomes and Programme Outcomes Analysis – Not applicable 4. Programme Advisory Committee(PAC) Meeting - Verified
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/ACO/F01	POM-01 to 05		0	1	2	3	4		
		Quality of Project Reports	KEC/DEPT/CCP/	Proof		0	1	2	3	4		
		Programme Advisory Committee(PAC) Meeting	KEC/DEPT/ACO/F01	ACO-08,09		0	1	2	3	4		
		Student Feedback on Course	KEC/DEPT/YCO/Class/F01	AC-16, YCO-07		0	1	2	3	4		1. Student Feedback file verified – No deviation 2. Student Satisfactory Survey – Not applicable
		Student Feedback on Teachers		AC-17, YCO-07		0	1	2	3	4		
		Student Satisfactory Survey	KEC/DEPT/IQA C/F01	SSS-01		0	1	2	3	4		
		Seed money Proposals	KEC/DEPT/RC/F01	RC-03,05		0	1	2	3	4	26.7	1. No seed money proposal 2. R & D file verified
		Submission of Project Proposals		RC-03,05		0	1	2	3	4		
		Research Grants received		RC-03,05		0	1	2	3	4		
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-06	20	0	1	2	3	4	40	Seminar/Conference file submission verified
		Conference / seminar / workshop/FDP/SSTP organized		RC-06		0	1	2	3	4		
		Promotion of Start-ups	KEC/DEPT/HEC/F01	EMC-01 to 05	10	0	1	2	3	4	40	Not applicable
		Paper presentation by students	KEC/DEPT/SAP/F01	SAP-01,04	50	0	1	2	3	4	125	Paper presentation and other relevant files verified
		Conversion of student projects into paper	KEC/DEPT/RC/F01	RC-04, 07		0	1	2	3	4		
		Quality Publications by faculty		RC-07		0	1	2	3	4		
		Books/Book chapters/Conference		RC-07		0	1	2	3	4		

SNo.	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)					Weighted Average	Observations	
3.	100	proceedings	KEC/DEPT/FST/ F01	Proof	20	0	1	2	3	4	53.3	Faculty as resource persons - verified	
		Patents filed/ published/granted				0	1	2	3	4			
		Awards for Innovation won by Teachers/Research scholars/Students/ Clubs		FST-05		0	1	2	3	4			
		Faculty as Resource persons		FST-06		0	1	2	3	4			
		Industrial Consultancy/Testing Works		IIPC-02,03		0	1	2	3	4			
		Corporate Training (IIPC/Other Grants)		IIPC-04		0	1	2	3	4			
		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/ F01	ASA-01 to 04		0	1	2	3	4	75	Association, MoU, Internship, IV, Research Collaboration and other files verified	
		Inplant Training/Internship	KEC/DEPT/IPC/F 01	IPC-01 to 04		0	1	2	3	4			
		MoUs signed and activities	KEC/DEPT/IIPC/ F01	IIPC-05		0	1	2	3	4			
		Industrial visits arranged for students	KEC/DEPT/IPC/F 01	IV-01 to IV-03		0	1	2	3	4			
		Research Collaboration with other institution	KEC/DEPT/RC/F 01	RC-08	10	0	1	2	3	4	40		
		Faculty interaction with industries	KEC/DEPT/IIPC/ F01	IIPC-01,06		0	1	2	3	4			
4.	Infrastructure and Learning Resources (100)	Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM /01	FMM-01 to 04	30	0	1	2	3	4	120	Classroom, Lab, Library details and budget utilization verified	
		Laboratory Maintenance Records/Registers	KEC/DEPT/Lab	LT-01 to 09		0	1	2	3	4			
		Equipment working conditions/Calibration				0	1	2	3	4			
		Latest/Research Level equipments – Availability and Utilization				0	1	2	3	4			
		Utilization of budget	KEC/DEPT/HOD /F01, KEC/DEPT/ DBC/F01	HOD-06 DBC-01 to 05	20	0	1	2	3	4	80		
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	4	80		
		Computing Facilities -	KEC/DEPT/Lab	Records	30	0	1	2	3	4	120	E-content verified	

SNo.	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)					Weighted Average	Observations	
		Maintenance and utilization				0	1	2	3	4			
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0	1	2	3	4			
5.	Student Support and Progression (100)	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	4	120	Related files verified	
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	2	3	4			
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04	40	0	1	2	3	4	160		
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		0	1	2	3	4			
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0	1	2	3	4			
		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	0	1	2	3	4	60	Co-curricular file verified	
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4	40	Alumni file verified	
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	80	Verified	
		Academic Audit –Action Taken	KEC/DEPT/IQA/C/F01	IQA-01 to 04		0	1	2	3	4			
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	60		
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4	70		
		Faculty Qualification Improvement & Retention		Proof		0	1	2	3	4			
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	4	60		
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	80		
7.	Institutional Values and Best	Department Best Practices	File	Proof	30	0	1	2	3	4	90	Mentoring file verified	
		Contribution towards	File	Proof	50	0	1	2	3	4	200	NSS, NCC & other files	

SNo.	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4-High score)					Weighted Average	Observations
		Contribution towards Special programmes	File	Proof	20	0	1	2	3	4	70	File verified
		Human values and Professional Ethics related activities	File	Proof		0	1	2	3	4		
		Contribution towards Institutional Distinctiveness	File	Proof	20	0	1	2	3	4		
		Practices for Student Self learning	File	Proof		0	1	2	3	4		

S.No	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	560	3.73	
2.	Teaching –Learning Process	300	1174	3.91	
3.	Research, Innovation and Extension	150	400	2.67	
4.	Infrastructure and Learning Resources	100	400	4	
5.	Student Support and Progression	100	380	3.8	
6.	Governance Leadership and Management	100	350	3.5	
7.	Institutional Values and Best Practices	100	360	3.6	
<b>Total</b>		<b>1000</b>	<b>3624</b>	<b>25.21</b>	<b>3.62</b>

1. P.N. Palaniandy (P.N. Palaniandy)  
28/12/20

2. R.R. Rajesh (R.R. RAJALAXMI)  
28/12/20

3. V. Hariharan (V. HARIHARAN)  
28/12/20

P.D. Deegan  
28/12/2020  
Head of the Department

M. MANGAYARKARASI  
Signature of Department Coordinators  
28/12/2020

Signature of Auditors



### Audit Evaluation Sheet for the Academic Year 2019-2020

Date of Audit : 23-12-2020

Auditors Name and Designation : Dr.E.Gothai, ASP

Audited Department : English

S.No	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)					Weighted Average	Observations
1.	Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/ F01	CDC-01,02	40	0	1	2	(3)	4	104	More inputs can be received from stakeholders
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0	1	2	(3)	4		
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0	1	(2)	3	4		
		Minutes of BOS Meeting		CDC-08, 09		0	1	(2)	3	4		
		Improvement in Regulations		CDC-04		0	1	2	(3)	4		
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVA C/F01	NVC-01 to 06	30	0	1	(2)	3	4	60	
		Student involvement in field projects/internships	KEC/DEPT/PC/F01	PC-05		0	1	(2)	3	4		
		Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	KEC/DEPT/CDC/ F01	CDC-07A, 07C ,07E, 07F, 07G, 07P	40	0	1	(2)	3	4	80	
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/ F01	CDC-03,04, 06	40	0	1	2	3	(4)	160	
		Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F 01	TTI-01,02		0	1	2	3	(4)		
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 05		0	1	2	3	(4)		

2.	Teaching -Learning Process (300)	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/F01	HOD-03	20	0	1	2	3	4	40	<p>Lab manual quality can be improved</p> <p>137.5</p> <p>192</p>	
		Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		0	1	2	3	4			
		Structured Course Plan	KEC/DEPT/CCT/	CCO-01	100	0	1	2	3	4	290		
		Course Coordination Meeting		CCO-02		0	1	2	3	4			
		Course Delivery Methods – Use of ICT tools		Proof		0	1	2	3	4			
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/ACO/F01	ACO-06		0	1	2	3	4			
		Conduct of Continuous Assessment Tests	KEC/DEPT/TCO/F01	TCO-01 to 07		0	1	2	3	4			
		Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Proof	50	0	1	2	3	4	137.5		
		Adequate number of Assignments and Tutorials	KEC/DEPT/ACO/F01	ACO-07		0	1	2	3	4			
		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		0	1	2	3	4			
		Quality of Laboratory Manual		Proof		0	1	2	3	4			
		Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02		0	1	2	3	4			
		Evaluation of CA Test papers	KEC/DEPT/CCT/	Proof	80	0	1	2	3	4	192		
		Evaluation of Assignments/Tutorials		Proof		0	1	2	3	4			
		Evaluating experiments – Rubrics/Periodically	KEC/DEPT/CCL/	Lab Manual		0	1	2	3	4			
		Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02		0	1	2	3	4			
		Continuous Assessment Test – Analysis	KEC/DEPT/ACO/F01	ACO-11	80	0	1	2	3	4	192		
		End Semester Result Analysis		ACO-10,11		0	1	2	3	4			
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/ACO/F01	POM-01 to 05		0	1	2	3	4			
		Quality of Project Reports	KEC/DEPT/CCP/	Proof		0	1	2	3	4			
		Programme Advisory Committee(PAC) Meeting	KEC/DEPT/ACO/F01	ACO-08,09		0	1	2	3	4			

		Student Feedback on Course	KEC/DEPT/YCO/ Class/F01	AC-16, YCO-07	50	0	1	2	3	4	166.67	
		Student Feedback on Teachers		AC-17, YCO-07		0	1	2	3	4		
		Student Satisfactory Survey		SSS-01		0	1	2	3	4		
3. Research, Innovation and Extension (150)	Seed money Proposals  Submission of Project Proposals  Research Grants received  Conference / seminar / workshop/FDP/STTP proposals submitted  Conference / seminar / workshop/FDP/SSTP organized	Seed money Proposals	KEC/DEPT/RC/F01	RC-03,05	20	0	1	2	3	4	0	Proposals can be submitted
		Submission of Project Proposals		RC-03,05		0	1	2	3	4		
		Research Grants received		RC-03,05		0	1	2	3	4		
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-06		0	1	2	3	4		
		Conference / seminar / workshop/FDP/SSTP organized		RC-06		0	1	2	3	4		
	Promotion of Start-ups  Paper presentation by students  Conversion of student projects into paper  Quality Publications by faculty  Books/Book chapters/Conference proceedings  Patents filed/published/granted	Promotion of Start-ups	KEC/DEPT/HEC/F01	EMC-01 to 05	10	0	1	2	3	4	20	
		Paper presentation by students		SAP-01,04		0	1	2	3	4		
		Conversion of student projects into paper		RC-04, 07		0	1	2	3	4		
		Quality Publications by faculty		RC-07		0	1	2	3	4		
		Books/Book chapters/Conference proceedings		RC-07		0	1	2	3	4		
	Awards for Innovation won by Teachers/Research scholars/Students/ Clubs  Faculty as Resource persons  Industrial Consultancy/Testing Works  Corporate Training (IIPC/Other Grants)	Patents filed/published/granted	KEC/DEPT/FST/F01	Proof	50	0	1	2	3	4	50	
		Awards for Innovation won by Teachers/Research scholars/Students/ Clubs		FST-05		0	1	2	3	4		
		Faculty as Resource persons		FST-06		0	1	2	3	4		
		Industrial Consultancy/Testing Works	KEC/DEPT/IIPC/F01	IIPC-02,03		0	1	2	3	4		
		Corporate Training (IIPC/Other Grants)		IIPC-04		0	1	2	3	4		

		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 04	20	0	1	<u>2</u>	3	4	30		
		Inplant Training/Internship	KEC/DEPT/IPC/F01	IPC-01 to 04		0	1	<u>2</u>	3	4			
		MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		<u>0</u>	1	2	3	4			
		Industrial visits arranged for students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0	1	<u>2</u>	3	4			
	4.	Research Collaboration with other institution	KEC/DEPT/RC/F01	RC-08	10	<u>0</u>	1	2	3	4	0		
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,06		<u>0</u>	1	2	3	4			
	4.	Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/01	FMM-01 to 04	30	0	1	<u>2</u>	3	4	67.5		
		Laboratory Maintenance Records/Registers	KEC/DEPT/Lab	LT-01 to 09		0	1	2	<u>3</u>	4			
		Equipment working conditions/Calibration				0	1	2	3	<u>4</u>			
		Latest/Research Level equipments – Availability and Utilization	KEC/DEPT/HOD/F01, KEC/DEPT/DBC/F01	HOD-06 DBC-01 to 05		<u>0</u>	1	2	3	4			
		Utilization of budget		20	<u>0</u>	1	2	3	4	0			
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	<u>0</u>	1	2	3	4	0		
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	<u>4</u>	105		
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0	1	2	<u>3</u>	4			
	5.	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	<u>1</u>	2	3	4	15	More guest lectures can be given	
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		<u>0</u>	1	2	3	4			
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04	40	0	1	<u>2</u>	3	4	80		
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		0	1	<u>2</u>	3	4			
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0	1	<u>2</u>	3	4			

		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	0	1	2	3	4	20	
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4	0	
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	40	Outside members can be communicated
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01 to 04		0	1	2	3	4		
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	0	
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4	50	
		Faculty Qualification Improvement & Retention		Proof		0	1	2	3	4		
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	4	0	
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	40	
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	3	4	60	
		Contribution towards Institutional Values and Social Responsibilities	File	Proof		0	1	2	3	4		
		Contribution towards Special programmes	File	Proof	50	0	1	2	3	4	50	More practices can be followed
		Human values and Professional Ethics related activities	File	Proof		0	1	2	3	4		
		Contribution towards Institutional Distinctiveness	File	Proof	20	0	1	2	3	4	30	
		Practices for Student Self learning	File	Proof		0	1	2	3	4		

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	404	2.7	Awareness programme
2.	Teaching –Learning Process	300	826.2	2.8	on the parameters
3.	Research, Innovation and Extension	150	106.7	0.7	of IQAC can be
4.	Infrastructure and Learning Resources	100	172.5	1.7	given to the
5.	Student Support and Progression	100	115	1.2	faculty members
6.	Governance Leadership and Management	100	130	1.3	
7.	Institutional Values and Best Practices	100	140	1.4	
<b>Total</b>		1000	1894.5	1.69	
				1.89	

D. M  
Signature of Department Coordinators  
(with name)  
(D. RAMYA / English)

plew  
Signature of Auditors  
(with name and dept.)  
[E. GOTHAI / CSE]

R. Ganesan  
Head of the Department  
(with seal)  
**Dr. R. GANESAN**  
PROFESSOR AND HEAD  
DEPT. OF ENGLISH  
SCHOOL OF SCIENCE & HUMANITIES  
KONGU ENGINEERING COLLEGE  
THOPPUPALAYAM (Po)  
PERUNDURAI (TK), ERODE - 638 060.

Department : Chemistry ; Dates : 23, 24 December 2020.

Enter the value in this row

	Parameters	File Name	Formats	Max. Mark	Score	Average	Weighted Average	Observations	
1 Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/F01	CDC-01,02	40	3	2.6	104	Improvement in Regulations may be well documented	
	Curriculum and syllabus – Planning and Implementation		06		3				
	Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		2				
	Minutes of BOS Meeting		CDC-08, 09		2				
	Improvement in Regulations		CDC-04		3				
	Value Added Courses – Organized and Participation of students	F01	NVC-01 to 06	30	2	2	60		
	Student involvement in field projects/internships	KEC/DEPT/PC/F01	PC-05		2		Not applicable		
	Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	KEC/DEPT/CDC/F01	07C, 07E, 07F, 07G, 07P	40	2	2	80	Feedback may be obtained from the all the mentioned stakeholders	
	Mapping of Course Outcomes and Programme Outcomes	1	06		4				
2 Teaching –Learning Process (300)	Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F01	TTI-01,02	40	4	4	160	Skill matrix may be utilized for allotting the subjects	
	Allotment of adequate number of hours in time table for		TTI-03 to 05		4				
	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/F01	HOD-03		2				
	Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HOD-04	20	2	3.3	330			
	Structured Course Plan	CCO-01		4					
	Course Coordination Meeting	CCO-02		3					
	Course Delivery Methods – Use of ICT tools	KEC/DEPT/CCT/		Proof					2
	Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/ACO/F01		ACO-06					3
	Conduct of Continuous Assessment Tests	KEC/DEPT/TCO/F01		TCO-01 to 07					4
	Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Proof	100	4	2.75	137.5		
3 Student Support & Placement (100)	Adequate number of Assignments and Tutorials	KEC/DEPT/ACO/F01	ACO-07		4				
	Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		4				
	Quality of Laboratory Manual		Proof		3				
	Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02		2				
	Evaluation of CA Test papers	KEC/DEPT/CCT/	Proof		3	2.75	137.5		
	Evaluation of Assignments/Tutorials		Proof		3				
	Evaluating experiments – Rubrics/Periodically	KEC/DEPT/CCL/	Lab Manual		3				
	Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02		2				
	Continuous Assessment Test – Analysis	KEC/DEPT/ACO/F01	ACO-11	50	3	2.4	192	Indirect assessment can be included	
	End Semester Result Analysis		ACO-10,11		3				
	Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken		POM-01 to 05		2				
	Quality of Project Reports	KEC/DEPT/CCP/	Proof		2				
	Programme Advisory Committee(PAC) Meeting	KEC/DEPT/ACO/F01	ACO-08,09		2				
4 Student Support & Placement (100)	Student Feedback on Course	KEC/DEPT/YCO/Class/F01	AC-16, YCO-07	80	4	3.33333	166.66667		
	Student Feedback on Teachers		AC-17, YCO-07		4				
	Student Satisfactory Survey	KEC/DEPT/IQAC/F01	SSS-01		2				

	See money proposals							
	Submission of Project Proposals	RC-03,05	20	3	1.0000	55.555555		
	Research Grants received	RC-03,05		0			May submit more number of research proposals	
	Conference / seminar / workshop/FDP/STTP proposals submitted	RC-06		4	2.5	50		
	Conference / seminar / workshop/FDP/SSTP organized	KEC/DEPT/RC/F01	20	1				
	Promotion of Start-ups	KEC/DEPT/HEC/F0	1	EMC-01 to 05	10	2	2	20
	Paper presentation by students	KEC/DEPT/SAP/F0	1	SAP-01,04		1	1.33333	66.666667
	Conversion of student projects into paper			RC-04, 07		2		
	Quality Publications by faculty			RC-07		2		
	Books/Book chapters/Conference proceedings			RC-07		3		
	Patents filed/ published/granted	KEC/DEPT/RC/F01		Proof		0		
	Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	KEC/DEPT/FST/F0	FST-05		50	0		
	Faculty as Resource persons	1	FST-06			1	0.66667	13.333333
	Industrial Consultancy/Testing Works	KEC/DEPT/IIPC/F0	IIPC-02,03			1		
	Corporate Training (IIPC/Other Grants)	1	IIPC-04		20	0		
	Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F0	1	ASA-01 to 04		2	1.5	30
	Inplant Training/Internship	KEC/DEPT/IPC/F01		IPC-01 to 04		2		
	MoUs signed and activities	KEC/DEPT/IIPC/F0	1	IIPC-05		0		
	Industrial visits arranged for students	KEC/DEPT/IPC/F01		IV-01 to IV-03	20	2		
	Research Collaboration with other institution	KEC/DEPT/RC/F01		RC-08		2	1	10
	Faculty interaction with industries	KEC/DEPT/IIPC/F0	1	IIPC-01,06	10	0		
3	Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/0	1	FMM-01 to 04		3	2.75	82.5
	Laboratory Maintenance Records/Registers					3		
	Equipment working conditions/Calibration					3		
	Latest/Research Level equipments – Availability and Utilization	KEC/DEPT/Lab		LT-01 to 09	30	2		
	Utilization of budget	KEC/DEPT/HOD/F01, KEC/DEPT/DBC/F01		HOD-06	20	2	2	40
				DBC-01 to 05		2		
	Department Library – Maintenance and utilization	KEC/DEPT/Lab		Records	20	1	1	20
	Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab		Records		4	3.5	105
	E-content development – Videos developed	KEC/DEPT/Lab		Records	30	3		
4	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01		PC-04		1	0.5	15
	Awareness programmes on Higher Education	KEC/DEPT/HEC/F0	1	HEC-01 to 03	30	0		
	Student participation and success in competitive examinations	KEC/DEPT/HEC/F0	1	HEC-04		2	2	80
	Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01		PC-06,07		2		
	Percentage of students joined higher education	KEC/DEPT/HEC/F0	1	HEC-05	40	2		
	Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F0	1	SAP-01 to 04	20	1	1	20
	Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F0	1	ALC-01 to 05	10	0	0	0
5	Student Support and Progression	(100)						
	More guest lectures can be arranged							
	Not applicable							
	Students may be encouraged to participate in Co/Extra curricular activities							
	Alumni guest lectures may be arranged							

SWOT Analysis – Review Meeting			HOD-02	2	2.5	50
6 Governance, Leadership and Management (100)	Academic Audit –Action Taken	C/DEPT/IQAC/F I	IQI-01 to 04	20	3	
	Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F 01	HOD-02	20	0	0
	Faculty Training – FDP/NPTEL/Industry		FST-01,03, 04		4	
	Faculty Qualification Improvement & Retention	KEC/DEPT/FST/F0 1	Proof	20	3	3.5 70
	Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F0 1	FST-02	20	2	2 40 More training programmes for supporting staff may be arranged (internal as well as external)
	Parents-Teachers Meeting	KEC/DEPT/PRM/F 01	PRO-02 to 04	20	2	2 40
7 Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	0 0
	Contribution towards Institutional Values and Social Responsibilities	File	Proof		0	0 0 More practices can be adapted and followed
	Contribution towards Special programmes	File	Proof		0	
	Human values and Professional Ethics related activities	File	Proof	50	0	
	Contribution towards Institutional Distinctiveness	File	Proof	20	0	0.5 10 Self learning practices may be instructed to students
	Practices for Student Self learning	File	Proof		1	

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1	Curricular Aspects	150	404	2.7	(i) Awareness programme on the parameters of IQAC can be given to the faculty members; (ii) Effective budget utilisation may be followed
2	Teaching –Learning Process	300	866.2	2.9	
3	Research, Innovation and Extension	150	223.3	1.5	
4	Infrastructure and Learning Resources	100	247.5	2.5	
5	Student Support and Progression	100	115	1.2	
6	Governance Leadership and Management	100	200	2	
7	Institutional Values and Best Practices	100	10	0.1	
<b>Total</b>		<b>1000</b>	<b>2066</b>	<b>1.84</b>	<b>2-06</b>

1. Dr. J. Tamizh 31/12/2020  
(Dr. K. Mansula Rani)

2. B. Thiru 31/12/2020 (R. Tamila Sasi)  
Department Coordinator.

~~31/12/20~~  
Auditors  
 (Dr. P. Navaneetha Krishnan)  
 (J. Indra)  
 EIE  
 (co/Planning)

A/c Alz  
 31/12/20  
 Head of the department

### IQAC Calculation

Dept= Maths Date= 23,24/12/20

	Parameters	File Name	Formats	Max. Mark	Score	Average	Weighted Average	Observations	
1 Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/F01	CDC-01,02	40	2	2.6	104	more inputs can be received from stakeholders only from faculty and some experts maintained. Process may be defined properly	
	Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		2				
	Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		4				
	Minutes of BOS Meeting		CDC-08, 09		4				
	Improvement in Regulations		CDC-04		1				
	Value Added Courses – Organized and Participation of students	KEC/DEPT/NVAC/F01	NVC-01 to 06	30	2	2	60	feedback may be collected from students , alumni and other stakeholders	
	Student involvement in field projects/internships	KEC/DEPT/PC/F01	PC-05		2				
	Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	KEC/DEPT/CDC/F01	,07E, 07F, 07G, 07P	40	2	2	80		
	Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/F01	CDC-03,04, 06	40	4	4	160		
	Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F01	TTI-01,02		4				
	Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 05		4				
2 Teaching – Learning Process (300)	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/F01	HOD-03	20	2	2	40	Lab manual quality can be improved. Lab documents are not in proper formats	
	Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		2				
	Structured Course Plan	KEC/DEPT/CCT/	CCO-01	100	3	3.2	320		
	Course Coordination Meeting		CCO-02		3				
	Course Delivery Methods – Use of ICT tools		Proof		4				
	Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/ACO/F01	ACO-06		4				
	Conduct of Continuous Assessment Tests	KEC/DEPT/TCO/F01	TCO-01 to 07		4				
	Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Proof		3				
	Adequate number of Assignments and Tutorials	KEC/DEPT/ACO/F01	ACO-07	100	4	3.5	175		
	Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		2				
	Quality of Laboratory Manual		Proof		3				
	Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02		2				
	Evaluation of CA Test papers	KEC/DEPT/CCT/	Proof		4				
	Evaluation of Assignments/Tutorials		Proof		4				

	Evaluating experiments – Rubrics/Periodically	KEC/DEPT/CCL/	Lab Manual		4			
	Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02	50	2			
	Continuous Assessment Test – Analysis		ACO-11		3			
	End Semester Result Analysis	KEC/DEPT/ACO/F01	ACO-10,11		3			
	Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/ACO/F01	POM-01 to 05		2			
	Quality of Project Reports	KEC/DEPT/CCP/	Proof		2			
	Programme Advisory Committee(PAC) Meeting	KEC/DEPT/ACO/F01	ACO-08,09	80	2			
	Student Feedback on Course		AC-16, YCO-07		4			
	Student Feedback on Teachers	KEC/DEPT/YCO/Class/F01	AC-17, YCO-07		4			
	Student Satisfactory Survey	KEC/DEPT/IQAC/F01	SSS-01	50	2			
3 Research, Innovation and Extension (150)	Seed money Proposals	KEC/DEPT/RC/F01	RC-03,05	20	0	1.333333	26.66666667	proposals can be submitted, For total number of faculty the percentage of proposal submitted and received is not adequate.
	Submission of Project Proposals		RC-03,05		2			
	Research Grants received		RC-03,05		2			
	Conference / seminar / workshop/FDP/STTP proposals submitted		RC-06	20	1	2	40	For total number of faculty the percentage of proposal submitted and received is not adequate.
	Conference / seminar / workshop/FDP/SSTP organized		RC-06		3			
	Promotion of Start-ups	KEC/DEPT/HEC/F01	EMC-01 to 05	10	2	2	20	
	Paper presentation by students	KEC/DEPT/SAP/F01	SAP-01,04	50	1	1.166667	58.33333333	publication quality may be improved
	Conversion of student projects into paper		RC-04, 07		2			
	Quality Publications by faculty		RC-07		1			
	Books/Book chapters/Conference proceedings		RC-07		3			
	Patents filed/ published/granted	KEC/DEPT/RC/F01	Proof		0			
	Awards for Innovation won by Teachers/Research scholars/Students/ Clubs		FST-05		0			
	Faculty as Resource persons	KEC/DEPT/FST/F01	FST-06	20	1	0.666667	13.33333333	Outside world interaction is low
	Industrial Consultancy/Testing Works		IIPC-02,03		0			
	Corporate Training (IIPC/Other Grants)	KEC/DEPT/IIPC/F01	IIPC-04		1			
	Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 04		3			
	Inplant Training/Internship	KEC/DEPT/IIPC/F01	IIPC-01 to 04		2			
	MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		0			
	Industrial visits arranged for students	KEC/DEPT/IIPC/F01	IV-01 to IV-03	20	2			some collaborations may be initiated
	Research Collaboration with other institution	KEC/DEPT/RC/F01	RC-08	10	2	1	10	some collaborations may be initiated
	Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,06		0			

4	Infrastructure and Learning Resources (100)	Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/01	FMM-01 to 04		4		2	60	Budget may be used to fullest extend	
		Laboratory Maintenance Records/Registers				2					
		Equipment working conditions/Calibration				2					
		Latest/Research Level equipments – Availability and Utilization	KEC/DEPT/Lab	LT-01 to 09		0					
		Utilization of budget	KEC/DEPT/HOD/F01,K EC/DEPT/DBC/F01	HOD-06	20	0		0	0	Only imprest money spent	
				DBC-01 to 05		0					
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	3	3	60			
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	4	2.5	75	Records not in proper format		
5	Student Support and Progression (100)	E-content development – Videos developed	KEC/DEPT/Lab	Records		1					
		Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	1	0.5	15	more guest lectures can be given		
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0					
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04	40	2	2	80			
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		2					
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		2					
		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	1	1	20	students may be encouraged		
6	Governance, Leadership and Management (100)	Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	2	2	20	Should be improved	Review process may be better	
		SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	2	2	40			
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01 to 04		2					
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	0	0			
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	2	2.5	50			
		Faculty Qualification Improvement & Retention		Proof		3					
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	0	0			
7	Practices	Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	2	2	40			
		Department Best Practices	File	Proof	30	3	3	90			

Institutional Values and Best Practices (100)	Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	3	1.666667	83 33333333	More practices can be followed
	Contribution towards Special programmes	File	Proof		2			
	Human values and Professional Ethics related activities	File	Proof		0			
	Contribution towards Institutional Distinctiveness	File	Proof		1			
	Practices for Student Self learning	File	Proof		0			

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1	Curricular Aspects	150	404	2.7	Awareness programme on the parameters of IQAC can be given to the faculty members
2	Teaching –Learning Process	300	893.7	3	
3	Research, Innovation and Extension	150	203.3	1.4	
4	Infrastructure and Learning Resources	100	195	2	
5	Student Support and Progression	100	135	1.4	
6	Governance Leadership and Management	100	130	1.3	
7	Institutional Values and Best Practices	100	183.3	1.8	
Total		1000	2144.3	1.94	

2.14

Samuel  
Dr. A. TAMILARASI

N. Senthilnathan  
Dr. N. Senthilnathan

30/12/2020  
Dr. T. V. Venkatesh  
Dr. T. V. Venkatesh

30/12/2020  
S. VENKATESWARAN  
HOD IMATCS

V. YAMUNA  
31/12/2020



### Audit Evaluation Sheet for the Academic Year 2019-2020

Date of Audit : 23 - 12. 2020.

Auditors Name and Designation : Dr. C. S. KANIMOZHI SELVI | Professor

Audited Department : Physics

S.No	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)					Weighted Average	Observations
1.	Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/F01	CDC-01,02	40	0	1	2	3	4	160	Systematic design process followed in framing the syllabus.
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0	1	2	3	4		
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0	1	2	3	4		
		Minutes of BOS Meeting		CDC-08, 09		0	1	2	3	4		
		Improvement in Regulations		CDC-04		0	1	2	3	4		
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVA C/F01	NVC-01 to 06	30	0	1	2	3	4	NA 60	NA - Value added courses can be introduced in future
		Student involvement in field projects/internships	KEC/DEPT/PC/F01	PC-05		0	1	2	3	4		
		Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	KEC/DEPT/CDC/F01	CDC-07A, 07C, 07E, 07F, 07G, 07P	40	0	1	2	3	4	160	—
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/F01	CDC-03,04, 06	40	0	1	2	3	4	160	—
		Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F01	TTI-01,02		0	1	2	3	4		
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 05		0	1	2	3	4		

2. Teaching-Learning Process (300)	Student Enrolment & Improvement in Student Quality Student Teacher Ratio, Cadre Ratio & Adjunct Faculty Structured Course Plan Course Coordination Meeting Course Delivery Methods – Use of ICT tools Continuous Assessment (CA) Test Question Paper standards Conduct of Continuous Assessment Tests Remedial Measures for Slow Learners Adequate number of Assignments and Tutorials Laboratory Course Plan Quality of Laboratory Manual Project Work Review Schedule Evaluation of CA Test papers Evaluation of Assignments/Tutorials Evaluating experiments – Rubrics/Periodically Evaluation of Projects through Review – Rubrics followed Continuous Assessment Test – Analysis End Semester Result Analysis Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken Quality of Project Reports Programme Advisory Committee(PAC) Meeting	KEC/DEPT/HOD/F01	HOD-03	20	0	1	2	3	4	40	NA NA
			HOD-04		0	1	2	3	4		
		KEC/DEPT/CCT/	CCO-01	100	0	1	2	3	4	300	NA
			CCO-02		0	1	2	3	4		
			Proof		0	1	2	3	4		
			KEC/DEPT/ACO/F01		0	1	2	3	4		
			ACO-06		0	1	2	3	4		
			KEC/DEPT/TCO/F01		0	1	2	3	4		
			TCO-01 to 07		0	1	2	3	4		
			KEC/DEPT/CCT/		0	1	2	3	4		
			Proof		0	1	2	3	4		
		KEC/DEPT/CCL/	KEC/DEPT/ACO/F01		0	1	2	3	4	137.5	NA
			ACO-07		0	1	2	3	4		
			LT-01		0	1	2	3	4		
			Proof		0	1	2	3	4		
		KEC/DEPT/CCP/	PR-01,02	50	0	1	2	3	4	192	Indirect Assessment needs improvement NA NA
		KEC/DEPT/CCT/	Proof		0	1	2	3	4		
		KEC/DEPT/CCT/	Proof		0	1	2	3	4		
		KEC/DEPT/CCL/	Lab Manual		0	1	2	3	4		
		KEC/DEPT/CCP/	PR-02	80	0	1	2	3	4	NA	NA
		KEC/DEPT/ACO/F01	ACO-11		0	1	2	3	4		
		KEC/DEPT/ACO/F01	ACO-10,11		0	1	2	3	4		
		KEC/DEPT/ACO/F01	POM-01 to 05		0	1	2	3	4		
		KEC/DEPT/CCP/	Proof	80	0	1	2	3	4	NA	NA
		KEC/DEPT/ACO/F01	ACO-08,09		0	1	2	3	4		

		Student Feedback on Course	KEC/DEPT/YCO/ Class/F01	AC-16, YCO-07	50	0	1	2	3	4	150	-
		Student Feedback on Teachers		AC-17, YCO-07		0	1	2	3	4		
		Student Satisfactory Survey		SSS-01		0	1	2	3	4		
3. Research, Innovation and Extension (150)	Seed money Proposals	KEC/DEPT/RC/F 01	RC-03,05	20	0	1	2	3	4	6.67	-	
	Submission of Project Proposals				0	1	2	3	4			
	Research Grants received		RC-03,05		0	1	2	3	4	50	-	
	Conference / seminar / workshop/FDP/STTP proposals submitted				0	1	2	3	4			
	Conference / seminar / workshop/FDP/SSTP organized		RC-06	20	0	1	2	3	4	50	-	
	Promotion of Start-ups				0	1	2	3	4			
	Paper presentation by students	KEC/DEPT/SAP/ F01	EMC-01 to 05	10	0	1	2	3	4	20	NA	
	Conversion of student projects into paper				0	1	2	3	4	66.67	NA	
	Quality Publications by faculty				0	1	2	3	4			
	Books/Book chapters/Conference proceedings				0	1	2	3	4			
	Patents filed/published/granted				0	1	2	3	4			
	Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	KEC/DEPT/FST/F 01	FST-05	50	0	1	2	3	4			
	Faculty as Resource persons				0	1	2	3	4			
	Industrial Consultancy/Testing Works				0	1	2	3	4	13.33	-	
	Corporate Training (IIPC/Other Grants)	KEC/DEPT/IIPC/ F01	IIPC-02,03	20	0	1	2	3	4			
			IIPC-04		0	1	2	3	4			

		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 04	20	0	1	2	3	4	25		
		Inplant Training/Internship	KEC/DEPT/IPC/F01	IPC-01 to 04		0	1	2	3	4	NA		
		MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		0	1	2	3	4	NA		
		Industrial visits arranged for students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0	1	2	3	4	NA		
4.	Infrastructure and Learning Resources (100)	Research Collaboration with other institution	KEC/DEPT/RC/F01	RC-08	10	0	1	2	3	4	10		
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,06		0	1	2	3	4			
		Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/01	FMM-01 to 04		0	1	2	3	4			
		Laboratory Maintenance Records/Registers	KEC/DEPT/Lab	LT-01 to 09		0	1	2	3	4	82.5		
		Equipment working conditions/Calibration				0	1	2	3	4			
		Latest/Research Level equipments – Availability and Utilization				0	1	2	3	4			
		Utilization of budget	KEC/DEPT/HOD/F01, KEC/DEPT/DBC/F01	HOD-06 DBC-01 to 05	20	0	1	2	3	4	40		
5.	Student Support and Progression (100)	Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	4	40		
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	4	(NA)		
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0	1	2	3	4	45		
		Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	4	0		
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	2	3	4	(80)		
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04	40	0	1	2	3	4	(NA)		
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		0	1	2	3	4	NA		
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0	1	2	3	4	NA		

		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	0	1	2	3	4	20		
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4	0		
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	40		
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01 to 04		0	1	2	3	4			
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	0		
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4	60		
		Faculty Qualification Improvement & Retention		Proof		0	1	2	3	4			
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	4	60		
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	0		
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	3	4	60	Department specific Syllabus framed and content delivery improved	
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	4	33-33		
		Contribution towards Special programmes	File	Proof		0	1	2	3	4			
		Human values and Professional Ethics related activities	File	Proof		0	1	2	3	4			
		Contribution towards Institutional Distinctiveness	File	Proof	20	0	1	2	3	4	10		
		Practices for Student Self learning	File	Proof		0	1	2	3	4			

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	540	3.6	Good
2.	Teaching –Learning Process	300	819.5	2.7	—
3.	Research, Innovation and Extension	150	191.07	1.03	Need improvement
4.	Infrastructure and Learning Resources	100	207.5	2.1	—
5.	Student Support and Progression	100	100	1	Need improvement
6.	Governance Leadership and Management	100	160	1.6	—
7.	Institutional Values and Best Practices	100	103.3	1	Need improvement
Total		1000	2122	(1.90)	

B.Tech (S. PIRUTHAIK)

Signature of Department Coordinators  
(with name)

C.S.Kanimozhi Selvi  
(Dr C.S. Kanimozhi Selvi)

Signature of Auditors  
(with name and dept.)

Jayaram  
30/11/2020

Head of the Department  
(with seal)

Dr C Rangasami  
Professor & Head  
Department of Physics  
Kongu Engineering College  
Thoppupalayam (Po)  
Perundurai, Erode - 638 060

4/11/21



## Audit Evaluation Sheet for the Academic Year 2019-2020

Date of Audit : 29.12.2020

Auditors Name and Designation : Dr.K.Tamilarasan, Dr.S.Shankar, Dr.V.Sangeetha

Audited Department : Physics, Mechatronics, Food Technology

S.No	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)					Weighted Average	Observations
1.	Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/ F01	CDC-01,02	40	0	1	2	3	4	152	Curriculum and syllabus were well planned and implemented as per AICTE model curriculum. Improvement was observed in R2014-R2018. Few courses were removed and more number of elective courses was introduced. File verified. Two Internal BOS meetings were conducted during 2019-2020.
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0	1	2	3	4		
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0	1	2	3	4		
		Minutes of BOS Meeting		CDC-08, 09		0	1	2	3	4		
		Improvement in Regulations		CDC-04		0	1	2	3	4		
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVA C/F01	NVC-01 to 06	30	0	1	2	3	4	60	25% was attained. Non conformity was registered. Proof verified Core:77 students Software:30 students have undergone internships
		Student involvement in field projects/internships		KEC/DEPT/PC/F01		0	1	2	3	4		
		Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	KEC/DEPT/CDC/ F01	CDC-07A, 07C ,07E, 07F, 07G, 07P	40	0	1	2	3	4	160	As per the feedback from stakeholders IoT based learning subject was introduced, content enrichment in the syllabus of Manufacturing process and increased elective courses to 1:6
		Mapping of Course Outcomes and Programme				0	1	2	3	4		

		Outcomes Allotting courses to faculty based on expertise Allotment of adequate number of hours in time table for theory/practical/project	KEC/DEPT/TTI/F 01	TTI-01,02						Faculty expertise - Not for all the courses Time table file verified – adequate number of hours was allotted	132
				TTI-03 to 05							
2. Teaching -Learning Process (300)		Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/ F01	HOD-03	20	0	1	2	3	4	60
		Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		0	1	2	3	4	
		Structured Course Plan	KEC/DEPT/CCT/	CCO-01	100	0	1	2	3	4	360
		Course Coordination Meeting		CCO-02		0	1	2	3	4	
		Course Delivery Methods – Use of ICT tools		Proof		0	1	2	3	4	
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/ACO/ F01	ACO-06		0	1	2	3	4	18MET42 – Thermal Engineering course file verified. CCC meeting was conducted. e content was published in You Tube.
		Conduct of Continuous Assessment Tests		KEC/DEPT/TCO/ F01		0	1	2	3	4	
		Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Proof		0	1	2	3	4	18MET43 – Kinematics of Machinery CAT result was very low and remedial class was conducted. File verified
		Adequate number of Assignments and Tutorials		ACO-07		0	1	2	3	4	
		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01	50	0	1	2	3	4	14MEE08- Gas dynamics and jet propulsion 5 tutorials were conducted
		Quality of Laboratory Manual		Proof		0	1	2	3	4	
		Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02		0	1	2	3	4	
		Evaluation of CA Test papers	KEC/DEPT/CCT/	Proof		0	1	2	3	4	175
		Evaluation of Assignments/Tutorials		Proof		0	1	2	3	4	
		Evaluating experiments – Rubrics/Periodically	KEC/DEPT/CCL/	Lab Manual		0	1	2	3	4	
		Evaluation of Projects through Review – Rubrics followed		KEC/DEPT/CCP/		0	1	2	3	4	
		Continuous Assessment Test – Analysis	KEC/DEPT/ACO/ F01	ACO-11	80	0	1	2	3	4	CAT Pass % - Few courses was mismatched with ACO - 11 and course file Improvement in CO PO
		End Semester Result Analysis		ACO-10,11		0	1	2	3	4	

		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/ACO/F01	POM-01 to 05		0 0 0	1 1 1	2 2 2	(3) (3) 3	4 4 (4)		attainment was observed. File verified for 2015-2019 batch & 2016-2020 batch PAC- 2 meetings were conducted. File verified
		Quality of Project Reports	KEC/DEPT/CCP/KEC/DEPT/ACO/F01	Proof		0 0	1 1	2 2	(3) (3)	4 4		
		Programme Advisory Committee(PAC) Meeting		ACO-08,09								
		Student Feedback on Course	KEC/DEPT/YCO/Class/F01	AC-16, YCO-07	50	0 0	1 1	2 2	3 (3)	(4) 4		
		Student Feedback on Teachers		AC-17, YCO-07		0 0	1 1	2 2	(3) (3)	4 4		
		Student Satisfactory Survey	KEC/DEPT/IQAC/F01	SSS-01		0 0	1 1	(2) (2)	3 3	4 4		
3. Research, Innovation and Extension (150)	Research, Innovation and Extension (150)	Seed money Proposals	KEC/DEPT/RC/F01	RC-03,05	20	0 0	1 (1)	2 2	3 3	(4) 4	46.67	Seed money - 4 sanctioned ( 5 submitted) Proposals not submitted faculty list & NC missing (Individual faculty wise). Also, overall action taken is missing. R&D grant worth 18.3 lakh ongoing - Verified
		Submission of Project Proposals		RC-03,05		0 0	1 1	2 2	3 3	4 4		
		Research Grants received		RC-03,05		0 0	1 1	(2) (2)	3 3	4 4		
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-06	20	0 0	1 1	2 (2)	3 3	(4) 4	60	Seminar Proposals - 13 submitted (Minimum 12) - Details Verified
		Conference / seminar / workshop/FDP/SSTPorganized		RC-06		0 0	1 1	(2) (2)	3 3	4 4		Seminar organized - 1 (Verified)
	Promotion of Start-ups Paper presentation by students Conversion of student projects into paper Quality Publications by faculty Books/Book chapters/Conference proceedings	Promotion of Start-ups	KEC/DEPT/HEC/F01	EMC-01 to 05	10	0 0	1 1	(2) (2)	3 3	4 4	20	Promotion of startups - 1 student (4 activity) - Details Verified
		Paper presentation by students	KEC/DEPT/SAP/F01	SAP-01,04	50	0 0	1 1	(2) (2)	3 3	4 4		Student paper presentation - 102 (Multiple entry should be removed)
		Conversion of student projects into paper	KEC/DEPT/RC/F01	RC-04, 07		0 0	1 1	(2) (2)	3 3	4 4		Project to paper conversion - (43 / 86) - Individual faculty wise NC should be added
		Quality Publications by faculty		RC-07		0 0	1 1	(2) (2)	3 3	4 4		Papers with student authors should not be encouraged
		Books/Book chapters/Conference proceedings		RC-07		0 0	1 1	(2) (2)	3 3	4 4		Quality publications by

		KEC/DEPT/FST/F01	Proof	0 1 2 3 4	83.33	faculty - (10 SCI & 68 SCOPUS). 7 faculty not met the assigned target and 6 faculty not even published any paper. Faculty wise NC missing.
						Books - Nil, Book Chapters - 8, Conferences - 7 Patents Filed / Published - 0. Awards - Faculty 2, students - several, GOOD
						Faculty as resource person - 19 Satisfactory
						Industrial consultancy/testing - About 1 Lakh (Average). NC from individual faculty wise may be recorded
						Corporate training - 1
						Association activities - 14 activity (Satisfactory).
						Inplant Training / Internship - 186 / 107.
						MOUs - 12 signed. Activities follow up - Good progress with 6 industry. Industrial Visits - 6
						Research Collaborations - 4 (India - 3, UK - 1) Good
						Faculty interaction with industries - Only few faculty involved
4.	Infrastructure and Learning Resources (100)	Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/F01	FMM-01 to 04	0 1 2 3 4	All Physical facilities verified. (Projectors-16, Printers-20) LT 01-Lab Lecture plan Verified. Course Code-14MEC52 Metrology and Dynamics Lab (III Year) LT 02 - Stock Register (Instrumentation and Metrology Lab) Verified.
		Laboratory Maintenance Records/Registers Equipment working conditions/Calibration Latest/Research Level equipments – Availability and Utilization	KEC/DEPT/Lab	LT-01 to 09	0 1 2 3 4	91.5

															LT 03 -Issue Register Verified.
															LT 04 – Consumable Register Verified.
															LT 05 – Break down maintenance Register Verified.
															LT 06 – Preventive maintenance Register Verified. (Monthly Activities)
															LT 07 – Preventive maintenance Register Verified. (Regular Activities)
															LT 08 –System breakdown maintenance. (CAD centre-Report dated on 05.02.20-Verified)
															LT 09 –Computer lab lecture plan verified. 14 MEL 62 CAM and Robotics Lab (III Year).
															Calibration file (Slip gauge and CMM) verified.
															List of latest and research level equipments for research and consultancy-Verified.
	Utilization of budget	KEC/DEPT/HOD/F01, KEC/DEPT/DBC/F01	HOD-06 DBC-01 to 05	20	0	1	2	3	4	<i>A0</i>					Budget (2019-20)
															Sanctioned amount Recurring-63,00,000.00 Non-Recurring-16,50,000.00 Total-79,50,000.00 Utilised Recurring-13,356.00 Non-Recurring-6,31,776.00 Total-6,45,132.00 (Verified)
	Department Library –	KEC/DEPT/Lab	Records	20	0	1	2	3	4	<i>A0</i>					Verified

		Maintenance and utilization											
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	4	90 105	Verified (CREO 7.0 MODELLING SW & ANSYS ANALYSIS SW)	
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0	1	2	3	4		Verified (You tube channels – FEA SIMULATION ENGINEER)	
5.	Student Support and Progression (100)	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	4	75	Mentoring - GOOD - Verified Guest Lectures - 13	
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	2	3	4		Higher education awareness - 5 Organized through HE cell- 45 student participated (Verified)	
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04	40	0	1	2	3	4	53.33	Student participation in competitive exam - 10/26 (Qualified/ attempted) % of student placed over 3 years - 53% -65%-39% (decreased)	
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		0	1	2	3	4		% of student joined in higher studies - 6/166 (other than placed students)	
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0	1	2	3	4		Co/Extra curricular - 15 student details verified	
		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	0	1	2	3	4	40	Alumni visit/interactions - 22 (Good)	
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4	30		
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	70	Review meeting file dated on 18.02.19 verified.	
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQC-01 to 04		0	1	2	3	4		Verified	
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	60	Status Report Verified. MOU signed on 14.08.18. One credit course conducted MOU termed as Centre of Excellence on 15.10.20. Collaboration with University of Hull UK, to conduct Seminar (Proposal sent). New subjects like	

										Fundamentals of research included in professional electives.	
7.	Institutional Values and Best Practices (100)	Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F 01	FST-01,03, 04	20	0	1	2	3	4	NPTEL-9, FDP-26, Industrial training-7 Verified. Dr.A.Sivakumar, Dr.P.Thangavel and Dr.A.Mohankumar- Certificates Verified.  Ph.D Awarded -3, Retention- 93.9%
		Faculty Qualification Improvement & Retention		Proof		0	1	2	3	4	
		Skill up-gradation training for Supporting Staff		KEC/DEPT/FST/F 01	FST-02	20	0	1	2	3	40 4 attended training.
		Parents-Teachers Meeting		KEC/DEPT/PRM/ F01	PRO-02 to 04	20	0	1	2	3	80 Files are verified.
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	3	4	120 Student activities and Virtual drawing models-Verified
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	4	NCC and NCC activities- Verified.  UHVfor Faculty and social related projects- Verified
		Contribution towards Special programmes	File	Proof		0	1	2	3	4	
		Human values and Professional Ethics related activities	File	Proof		0	1	2	3	4	
		Contribution towards Institutional Distinctiveness	File	Proof	20	0	1	2	3	4	TBI-Nithi Prayag and spark fund granted to the student – Verified.  Faculty You tube channels - Shown.
		Practices for Student Self learning	File	Proof		0	1	2	3	4	

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	504	3.36	-
2.	Teaching –Learning Process	300	969	3.23	-
3.	Research, Innovation and Extension	150	325	2.167	ongoing R&D, quality publication
4.	Infrastructure and Learning Resources	100	282.5	2.825	-
5.	Student Support and Progression	100	198.3	1.983	student enrollment in higher studies
6.	Governance Leadership and Management	100	310	3.10	-
7.	Institutional Values and Best Practices	100	296.67	2.96	-
Total		1000	2885.47	2.88	

1. c Moganapriya  
                         2. N. Baaskaran

Signature of Department Coordinators  
                         (with name)

V. Sangeetha  
                         V. P. Raja Sekar  
                         2.1.2021

Signature of Auditors  
                         (with name and dept.)

Dr.K.Tamilarasan, Dr.S.Shankar, Dr.V.Sangeetha  
                         (Physics, Mechatronics, Food Technology)

Head of the Department  
                         Dr. R. Rajasekar  
                         Professor & Head  
                         Dept of Mechanical Engg.  
                         Kongu Engineering College  
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