

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

28.05.2022

**Academic Audit for the Year 2021-22**

Academic Audit for the Year 2021-22 (odd semester) is scheduled from 01.06.2022 to 04.06.2022. The following teams are designated to Audit various academic departments. The team members are requested to audit the system and documentation processes and report the observations and non-conformities to IQAC on or before 06.06.2022. HODs and the department IQAC Coordinators are requested to keep all the relevant documents ready for the Audit. The audit dates and time may be mutually discussed among HoD, Auditors and IQAC Co-ordinators, and same to be communicated to department faculty & IQAC by the respective HoD.

S.No.	Department to be Audited	Name of the Auditor
1.	Civil Engineering	Dr.T.Kalavathidevi/EIE Dr.T.P.Sathishkumar/Mech
2.	Mechanical Engineering	Dr.S.Usha/EEE Dr.K. Manjula Rani/Chemistry
3.	Electronics and Communication Engineering	Dr. S. Selvakumar/Mech Dr.M.Jagadeesan/MCA
4.	Computer Science and Engineering	Dr.S.J.Suji Prasad/EIE Dr.S.Sathyavathi/MTS
5.	Chemical Engineering	Dr.S.Balaji/CIVIL Ms.C.Jamunadevi/CT-PG
6.	Electrical and Electronics Engineering	Dr.D.Malathi/ECE Dr. K. Prabu/Physics
7.	Electronics and Instrumentation Engineering	Dr.P.Sivarajani/ECE Dr.R.S.Mohana/CSE
8.	Information Technology	Dr.V.Sangeetha/CHEM Dr.S.Maheswaran/ECE
9.	Mechatronics Engineering	Dr.R.Rajadevi/IT Dr.V.Surendar/EEE
10.	Food Technology	Dr.P.C.Murugan/AUTO Dr.R.Vennila/Maths
11.	Automobile Engineering	Dr.B.Meenakshipriya/MTS Dr.M.Mohanasundari/MBA
12.	Management Studies	Dr.P.Nirmala devi /ECE Dr.P.Selvakumar/Mech
13.	Computer Applications	Dr.K.Prabhu/EIE Mr.S.Sathiskumar/AUTO
14.	Computer Technology-UG	Dr.T.Pradeep/CIVIL Dr.T.Abirami/IT
15.	Computer Technology-PG	Dr.P.Vishnu Raja/CSE Dr.C.Gomadurai/CHEM
16.	Science and Humanities (Maths/Physics/Chemistry/English)	Dr.K.Gomathi/MTS Dr.A.Sudha/FT Dr.S.Kavitha Bharathi/CT-UG Dr.P.Sundharesalingam/MBA
17.	IIPC and R&D	Dr.S.Varadhanapathy/IT Dr.R.Subasri/EIE

Principal/IQAC Chairman



### Audit Evaluation Sheet for the Academic Year 2021-2022(ODD)

Dr. B. Meenakshi Priya, Professor Date of Audit : 04/06/22

Auditors Name and Designation

: Dr. M. Mohana Simoesi, Associate Professor.

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	160	→ Provide Separate file for R2018, R2020
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0	1	2	3	4		→ Coordinator & HOD approved in all documents
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0	1	2	3	4		→ CPC documents are not in format
		Minutes of BOS Meeting		CDC-08, 09		0	1	2	3	4		
		Improvement in Regulations		CDC-11		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	→ course feedback should be consolidate
		Student involvement in field projects/internships	KEC/DEPT/PC/F01	PC-05		0	1	2	3	4		→ PC-05 evidence not 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	4	160	→ Internship = 39 Available
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/F01	CDC-03,04, 06	40	0	1	2	3	4	147	
		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 06, HOD-07		0	1	2	3	4		Available.

2.	Teaching -Learning Process (300)	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/F01	HOD-03	20	0	1	2	3	4	80	* SFR to be changed in HOD 04 * SFR : 15:1 → AICTE 21:1 → NBA
		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	* 20AUT31 - Lecture plan not in format
		Course Coordination Meeting		CCO-02		0	1	2	3	4		
		Course Delivery Methods – Use of ICT tools		Course File		0	1	2	3	4		
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/CCT/	Course File	100	0	1	2	3	4	340	* CCC meeting minutes points may be rephrased
		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/	Course File		0	1	2	3	4		
		Adequate number of Assignments and Tutorials	KEC/DEPT/CCT/	Course File		0	1	2	3	4		
		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		0	1	2	3	4		
		Quality of Laboratory Manual		Course File		0	1	2	3	4		
		Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02	50	0	1	2	3	4	175	* 18AUT51 - Blooms level not match with ILO
		Evaluation of CA Test papers	KEC/DEPT/CCT/	Course File		0	1	2	3	4		
		Evaluation of Assignments/Tutorials		Course File		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/CLA/F01	CLA03XL-1		0	1	2	3	4	288	Available
		End Semester Result Analysis		CLA04XL-2,3		0	1	2	3	4		
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/POM/F01	POM-01 to 05	80	0	1	2	3	4		
		Quality of Project Reports	KEC/DEPT/CCP/	Sample reports		0	1	2	3	4		
		PAC and QIC formulation and Meeting minutes	KEC/DEPT/HOD/F01	HOD-09 to 12		0	1	2	3	4		

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		Student Feedback on Course	KEC/DEPT/IQI/ F01	Feedback form and Action Taken	50	0	1	2	3	4	200	Available
		Student Feedback on Teachers		Feedback form and Action Taken		0	1	2	3	4		
3.	Research, Innovation and Extension (150)	Seed money Proposals	KEC/DEPT/RC/F 01	RC-01	20	0	1	2	3	4	40	* Consolidated list with proof needed → Seed money - 01 → Project (R&D) - 04 → Seminar - 03
		Submission of Project Proposals		RC-01		0	1	2	3	4		
		Research Grants received		RC-01		0	1	2	3	4		
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-01	20	0	1	2	3	4	30	Proposals submitted
		Conference / seminar / workshop/FDP/SSTP organized		RC-01		0	1	2	3	4		* R&D Grant - NIL * conf./workshop organized - NIL
		Promotion of Start-ups	KEC/DEPT/HEC/ F01	EMC-01 to 05	10	0	1	2	3	4	40	No. of start ups - 02 Available
		Paper presentation by students	KEC/DEPT/SAP/ F01	SAP-01,04	50	0	1	2	3	4	125	* Journal - 02 of students Conference - 10
		Conversion of student projects into paper	KEC/DEPT/RC/F 01	RC-03		0	1	2	3	4		* Few faculty (4 nos) yet to be published
		Quality Publications by faculty		RC-02		0	1	2	3	4		* Conference - 12 Book / Book chapter - 10
		Books/Book chapters/Conference proceedings		RC-04		0	1	2	3	4		* FST-05 & FST-06 - Format not available
		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	20	* consultancy / → R8.1000. Testing * Training → NIL
		Faculty as Resource persons		FST-06		0	1	2	3	4		
		Industrial Consultancy/Testing Works	KEC/DEPT/IIPC/ F01	IIPC-01,02,03	20	0	1	2	3	4	20	* Faculty as resource person - 02
		Corporate Training (IIPC/Other Grants)		IIPC-04		0	1	2	3	4		

		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 05	20	0	1	2	3	4	75	* No. of association activities in Q2A - 06	
		Inplant Training/Internship	KEC/DEPT/IPC/F01	IPC-01 to 04		0	1	2	3	4		* No. of MoU - 03	
		MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		0	1	2	3	4		* No. of visit - 02	
		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	RND-08/IIPC-05	10	0	1	2	3	4	20	* RND-08 - Not available	
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,08		0	1	2	3	4		* Research collaboration - 12	
		Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/F01	FMM-01 to 04	30	0	1	2	3	4	30x $\frac{16}{4}$ = 120	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			
		Utilization of budget	KEC/DEPT/HOD/F01, KEC/DEPT/DBC/F01	HOD-06 DBC-01 to 05	20	0	1	2	3	4	80	files verified	
	380	Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	4	60	Students entry register is not updated	
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	4	30x $\frac{12}{4}$ = 120	files verified	
		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	30x $\frac{7}{2}$ = 105	Mentoring file not maintained	
	265	Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	2	3	4		files verified	
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04	40	0	1	2	3	4	40x $\frac{1}{4}$ = 10	9 students only participated 2 qualified, files verified	
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		0	1	2	3	4		files verified. 55 placed 8- HE 3- Engineering	
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0	1	2	3	4			

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		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	Soft copies maintained for certificates & list of participants
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4	10	Not found
6.  200 200	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	80	Review Meeting not found
		Academic Audit – Action Taken	KEC/DEPT/IQAC/F01	IQI-01, 02, 04, QP-00		0	1	2	3	4	= 80	Files Verified /
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	80	Collaborative activities published New courses introduced
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01, 03, 04	20	0	1	2	3	4	80	Files Verified
		Faculty Qualification Improvement & Retention		Proof ✓		0	1	2	3	4	= 80	
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	4	0	Not found
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	60	Online meetings conducted
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	3	4	60	Proofs not found but programme conducted
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	4	9/3	Activities conducted with Actual Activities for CSR
		Contribution towards Special programmes	File	Proof		0	1	2	3	4	= 150	Short films to create awareness → files 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	20x 3/2	
		Practices for Student Self learning	File	Proof		0	1	2	3	4	= 30	MATLABs Correct Self-practiced

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S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	587	3.91	Check co-po mapping
2.	Teaching –Learning Process	300	1083	3.61	Standard
3.	Research, Innovation and Extension	150	250	2.33	Need Improvement
4.	Infrastructure and Learning Resources	100	380	3.80	Maintained
5.	Student Support and Progression	100	345	3.45	Maintained
6.	Governance Leadership and Management	100	300	3.00	Maintained
7.	Institutional Values and Best Practices	100	240	2.40	Involved
<b>Total</b>		1000	3285	3.29	Improved. Concentrate on Innovation Research & consultancy activities.

Common Observations: Request to reform the document formats to IQAC cell as per criteria metric parameters.

Signature of Department Coordinators  
(with name)

\* 1.  (S. SATHISKUMAR) 4/6/22

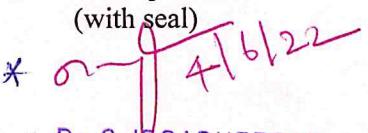
2.  (M. BOOPATHI) 4/6/22

Signature of Auditors  
(with name and dept.)

(i)  (Dr. B. Meenakshi) 4/6/22 Prof. / MTS

(2)  (Dr. M. Maheshwaran) 4/6/22  
PSP / MBA.

Head of the Department  
(with seal)

\*  4/6/22

Dr. C.JEGADHEESAN  
ASSOCIATE PROFESSOR & HEAD  
DEPT. OF AUTOMOBILE ENGG.  
KONGU ENGINEERING COLLEGE  
THOPPUPALAYAM (Po)  
PERUNDURAI, ERODE - 638 060



Estd : 1984

### Audit Evaluation Sheet for the Academic Year 2021-2022(ODD)

Date of Audit : 03.06.2022

Auditors Name and Designation : 1. Dr. T. Kalavathi Devi      2. Dr. T.P. Sathishkumar

Audited Department : 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 <b>4</b>	144	Document available as per Date for R-2020 Regulation
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0 1 2 3 <b>4</b>		
		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 <b>3</b> 4		
		Improvement in Regulations		CDC-11		0 1 2 <b>3</b> 4		
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVA C/F01	NVC-01 to 06	30	0 1 2 <b>3</b> 4	105	Internship <del>report</del> list
		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 3 <b>4</b>	160	Feed back from employer verified
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/ F01	CDC-03,04, 06	40	0 1 2 3 <b>4</b>	147	Document availability.
		Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F 01	TTI-01,02		0 1 2 3 <b>4</b>		
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 06, HOD-07		0 1 2 <b>3</b> 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	240 intake 48.75% improvement. 120 intake 88.3% Student quality improv
		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	Files Verified for 12 1. Theory files 120 CET31 - Mechanics of materials.
		Course Coordination Meeting		CCO-02		0	1	2	3	4		
		Course Delivery Methods – Use of ICT tools		Course File		0	1	2	3	4		2. 18CET51 - Structural Analysis -
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/CCT/	Course File	50	0	1	2	3	4	188	3. 18CEE13 - Design of Prestrained concrete laboratory files :- 1. 18CEL32 Consult Technology laboratory 2. 18CEL52 - Environmental Engineering laboratory
		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/	Course File		0	1	2	3	4		
		Adequate number of Assignments and Tutorials	KEC/DEPT/CCT/	Course File		0	1	2	3	4		
		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		0	1	2	3	4		
		Quality of Laboratory Manual		Course File		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/	Course File ✓	80	0	1	2	3	4	304	2006-2017 Project files verified - Documents found to be ok.
		Evaluation of Assignments/Tutorials ✓		Course File		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/CLA/F01	CLA03XL-1	80	0	1	2	3	4	90	Analysis done for CAT & documents available.
		End Semester Result Analysis		CLA04XL-2,3		0	1	2	3	4		
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/POM/F01	POM-01 to 05		0	1	2	3	4		
		Quality of Project Reports	KEC/DEPT/CCP/	Sample reports		0	1	2	3	4		
		PAC and QIC formulation and Meeting minutes	KEC/DEPT/HOD/F01	HOD-09 to 12 ✓		0	1	2	3	4		

		Student Feedback on Course	KEC/DEPT/IQI/F01	Feedback form and Action Taken	50	0	1	2	3	4	200	All faculty met the feedback criteria norms. So no action taken.
		Student Feedback on Teachers		Feedback form and Action Taken		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	KEC/DEPT/RC/F01	RC-01	20	0	1	2	3	4	54	Need improvement in research grant	
			RC-01		0	1	2	3	4			
			RC-01		0	1	2	3	4			
			RC-01	20	0	1	2	3	4	40	Submit more proposals and organize events.	
			RC-01		0	1	2	3	4			
	Promotion of Start-ups	KEC/DEPT/HEC/F01	EMC-01 to 05	10	0	1	2	3	4	30	-	
	Paper presentation by students	KEC/DEPT/SAP/F01	SAP-01,04	50	0	1	2	3	4	192	Good -	
	Conversion of student projects into paper	KEC/DEPT/RC/F01	RC-03		0	1	2	3	4			
	Quality Publications by faculty		RC-02		0	1	2	3	4			
	Books/Book chapters/Conference proceedings		RC-04		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	20	0	1	2	3	4	54	Need improvements in corporate training	
	Faculty as Resource persons		FST-06		0	1	2	3	4			
	Industrial Consultancy/Testing Works	KEC/DEPT/IIPC/F01	IIPC-01,02,03		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/01	ASA-01 to 05	20	0	1	2	3	4	60	Need improvement in implant and internship.	
		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	RND-08/IIPC-05	10	0	1	2	3	4	40	* Good number of collaboration and industry interaction	
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,08		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	113	Encourage the faculty and students to utilize the research equipments	
		Laboratory Maintenance Records/Registers	KEC/DEPT/Lab	LT-01 to 09		0	1	2	3	4		* Calibrate research equipments periodically	
		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	utilize budget effectively.	
	5. Student Support and Progression (100)	Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	4	60	—	
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	4	90	—	
		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	113	—	
		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	—	
		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	-
		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	70	
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01, 02, 04, QP-00		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	Need improvement
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01, 03, 04	20	0	1	2	3	4	80	Good
		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	Need improvement for getting maximum mark
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	60	
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	3	4	120	1- Ideation participation 30 projects - motivation
		Contribution towards Institutional Values and Social Responsibilities	File	Proof		0	1	2	3	4	150	2- M&H facets of Research - faculty Members with IIC
		Contribution towards Special programmes	File	Proof		0	1	2	3	4		3- Exploring Professional Career person - note Hindu editor.
		Human values and Professional Ethics related activities	File	Proof		0	1	2	3	4	80	4- AICTE SC/ST - FDP - Motivation of Self Employment by involving Students in Consultancy
		Contribution towards Institutional Distinctiveness	File	Proof	20	0	1	2	3	4		5- Public Awareness programme ed by SP Exode - Stretchwise fatal accident case
		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	556	3.71	Ok.
2.	Teaching –Learning Process	300	1132	3.77	Remedial Measures - follow up can be improved.
3.	Research, Innovation and Extension	150	410	3.13	Get more research grant.
4.	Infrastructure and Learning Resources	100	303	3.03	calibrate research equipment.
5.	Student Support and Progression	100	332	3.32	placement need improved, facilities need to meet future needs
6.	Governance Leadership and Management	100	270 310	2.70 3.1	Need improvements in higher education
7.	Institutional Values and Best Practices	100	350	3.50	Need improvements in strategic plan Appreciable.
Total		1000	3413	3.443	Appreciable.

Signature of Department Coordinators  
(with name)

Dr. T. Pradeep  
ASPI Civil

1. 08/06/22 (Dr. T. Pradeep)  
ASPI Mech

2. 08/06/22 (Dr. T. Kelarasi Devi)  
ASPI EIE

Signature of Auditors  
(with name and dept.)

08/06/2022  
Head of the Department  
(with seal)

Dr P.S.KOTHAI  
PROFESSOR AND HEAD  
DEPARTMENT OF CIVIL ENGINEERING  
KONGU ENGINEERING COLLEGE  
THOUPPUPALAYAM (Po)  
PERUNDURAI (TK), ERODE - 638 060



### Audit Evaluation Sheet for the Academic Year 2021-2022

Date of Audit :04.06.22

Auditors Name and Designation:Dr.S.Usha, ASP / EEE and Dr.K.Manjula Rani, ASP / Chemistry

Audited Department : Mechanical 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	$(\frac{19}{5}) \times 40$	—
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0	1	2	3	4	$(\frac{14}{5}) \times 40$	
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0	1	2	3	4	$(\frac{15}{5}) \times 40$	
		Minutes of BOS Meeting		CDC-08, 09		0	1	2	3	4	$(\frac{14}{5}) \times 40$	
		Improvement in Regulations		CDC-11		0	1	2	3	4	$(\frac{16}{5}) \times 40$	
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVA C/F01	NVC-01 to 06	30	0	1	2	3	4	$(\frac{14}{2}) \times 30$	Conducted - Needs improvement
		Student involvement in field projects/internships		KEC/DEPT/PC/F01		0	1	2	3	4	160	Needs improvement
		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	$\frac{4 \times 40}{5} = 160$	—

		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/F01	CDC-03,04, 06	40	0	1	2	3	(4)	$(\frac{11}{3}) \times 40$	—	
		Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F01	TTI-01,02		0	1	2	3	(4)	$\boxed{146.7}$		
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 06, HOD-07		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)	$(\frac{11}{2}) \times 20$	No Adjuct faculty	
		Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		0	1	2	(3)	4	$\boxed{70}$		
		Structured Course Plan	KEC/DEPT/CCT/	CCO-01	100	0	1	2	3	(4)	$\boxed{400}$		
		Course Coordination Meeting		CCO-02		0	1	2	3	(4)			
		Course Delivery Methods – Use of ICT tools		Course File		0	1	2	3	(4)			
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/CCT/	Course File	100	0	1	2	3	(4)	$\boxed{400}$		
		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/	Course File		0	1	2	3	(4)			
		Adequate number of Assignments and Tutorials	KEC/DEPT/CCT/	Course File	100	0	1	2	3	(4)	$\boxed{400}$		
		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		0	1	2	3	(4)			
		Quality of Laboratory Manual		Course File		0	1	2	3	(4)			
		Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02	50	0	1	2	3	(4)	$\boxed{200}$		
		Evaluation of CA Test papers	KEC/DEPT/CCT/	Course File		0	1	2	3	(4)			
		Evaluation of Assignments/Tutorials		Course File		0	1	2	3	(4)			
		Evaluating experiments – Rubrics/Periodically	KEC/DEPT/CCL/	Lab Manual	50	0	1	2	3	(4)	$\boxed{200}$		
		Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02		0	1	2	3	(4)			
		Continuous Assessment Test – Analysis	KEC/DEPT/CLA/F01	CLA03XL-1		0	1	2	3	(4)			
		End Semester Result Analysis		CLA04XL-2,3		0	1	2	3	(4)			

		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/POM/F01	POM-01 to 05		0 0 0	1 1 1	2 2 2	3 3 3	4 4 4		320	
		Quality of Project Reports	KEC/DEPT/CCP/	Sample reports		0	1	2	3	4			
		PAC and QIC formulation and Meeting minutes	KEC/DEPT/HOD/F01	HOD-09 to 12		0	1	2	3	4			
		Student Feedback on Course	KEC/DEPT/IQI/F01	Feedback form and Action Taken	50	0	1	2	3	4			
		Student Feedback on Teachers		Feedback form and Action Taken		0	1	2	3	4		175	
3. Research, Innovation and Extension (150)		Seed money Proposals	KEC/DEPT/RC/F01	RC-01	20	0	1	2	3	4			
		Submission of Project Proposals		RC-01		0	1	2	3	4		80	
		Research Grants received		RC-01		0	1	2	3	4			
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-01	20	0	1	2	3	4			
		Conference / seminar / workshop/FDP/STTP organized		RC-01		0	1	2	3	4		50	Needs Improvement
		Promotion of Start-ups	KEC/DEPT/HEC/F01	EMC-01 to 05	10	0	1	2	3	4	0		Steps to be taken in future
		Paper presentation by students	KEC/DEPT/SAP/F01	SAP-01,04	50	0	1	2	3	4			142 Papers
		Conversion of student projects into paper	KEC/DEPT/RC/F01	RC-03		0	1	2	3	4			– Needs improvement only 7 converted.
		Quality Publications by faculty		RC-02		0	1	2	3	4			23 -SCI, 13 SCOPUS
		Books/Book chapters/Conference proceedings		RC-04		0	1	2	3	4			2 Books
		Patents filed/published/granted		Proof		0	1	2	3	4		158.3	

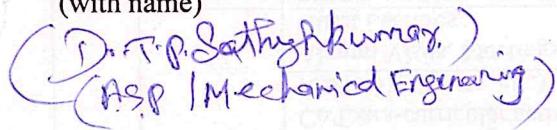
		Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	KEC/DEPT/FST/F01	FST-05		0	1	2	3	4		
		Faculty as Resource persons		FST-06	20	0	1	2	3	4	66.7 73.5	IIPC Activity - Needs improvement
		Industrial Consultancy/Testing Works	KEC/DEPT/IIPC/F01	IIPC-01,02,03,07		0	1	2	3	4		
		Corporate Training (IIPC/Other Grants)		IIPC-04		0	1	2	3	4		
		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 05		0	1	2	3	4	60	MoU - Needs Improvement and Accounting - needs regularization
		Inplant Training/Internship		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		IV-01 to IV-03		0	1	2	3	4		
		Research Collaboration with other institution	KEC/DEPT/RC/F01	RND-08/IIPC-05	10	0	1	2	3	4	40	Co operation with other institutions
		Faculty interaction with industries		IIPC-01,08		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		0	1	2	3	4	15 3.75x30 112.5	FMM - 01 to 04 in NAAC Format
		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	4x20 = 80	–
		Department Library – Maintenance and utilization		Records		0	1	2	3	4		
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records		0	1	2	3	4	3x20 = 60	Utilization of library by students may be low
		E-content development – Videos developed		Records		0	1	2	3	4		
5.	Student Support	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	4	4x30 = 120	E-content + Videos - Dr. M. Dharmaraj Verified

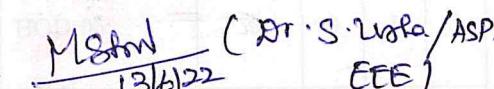
	and Progression (100)	Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	2	3	4	$\frac{0}{4} = 0$ $4 \times 30 = 120$	~
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04	40	0	1	2	3	4	$\frac{7}{3} = 2.33$ $2.33 \times 40 = 93.33$	percentage of students joined higher education has to increased
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		0	1	2	3	4	$2.33 \times 40 = 93.33$	Students joined higher education has to increased
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0	1	2	3	4	$180$	Beswyn Charles. B I Prize in PPT-Certificate 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	$80$	
		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	$\frac{6}{2} = 3$ $3 \times 20 = 60$	Need Review meeting
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01, 02,04, QP-00		0	1	2	3	4	$60$	-
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	$3 \times 20 = 60$	Strategic development - NIL
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4	$\frac{8}{2} = 4$ $4 \times 20 = 80$	Collaboration with Foreign universities - NIL
		Faculty Qualification Improvement & Retention		Proof		0	1	2	3	4	$80$	-
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	4	$2 \times 20 = 40$	It has to be improved ie, 1/A
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	$3 \times 20 = 60$	Analysis - Not completed
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	$150$	~
		Contribution towards Special programmes	File	Proof		0	1	2	3	4	$150$	~
		Human values and Professional Ethics related activities	File	Proof		0	1	2	3	4	$150$	~

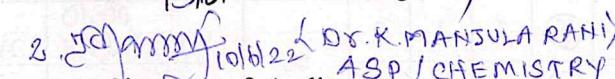
		Contribution towards Institutional Distinctiveness	File	Proof	20	0	1	2	(3)	4	60	
		Practices for Student Self learning	File	Proof		0	1	2	(3)	4		

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	518.7	3.46	More Industrial Projects/field projects can be done in future.
2.	Teaching –Learning Process	300	1165	3.88	—
3.	Research, Innovation and Extension	150	455	3.03	Student Projects converted into Papers
4.	Infrastructure and Learning Resources	100	342.5	3.43	Utilization of Library by student has to improve
5.	Student Support and Progression	100	323	3.23	Student participation in competitive exams% incresing higher education
6.	Governance Leadership and Management	100	300	3.00	Need collaboration with Foreign universities
7.	Institutional Values and Best Practices	100	330	3.30	—
<b>Total</b>		1000	3464	3.46	—

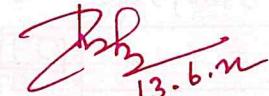
  
Signature of Department Coordinators  
(with name)

  
(Dr. T.P. Sathiyakumary,  
(ASP | Mechanical Engineering)

1.   
(Dr. S. Visva / ASP)  
EEE  
13/6/22

2.   
(Dr. K. Mansula Rani)  
ASP / CHEMISTRY  
13/6/22

Signature of Auditors  
(with name and dept.)

  
13.6.22  
Head of the Department  
(with seal)

HEAD  
DEPARTMENT OF MECHANICAL ENGINEERING  
SCHOOL OF BUILDING AND MECHANICAL SCIENCES  
KONGU ENGINEERING COLLEGE  
THOPPUPALAYAM (PO)  
PERUNDURAI (TK), ERODE - 638 060



### Audit Evaluation Sheet for the Academic Year 2021-2022(ODD)

Date of Audit : 04.06.2022

Auditors Name and Designation : Dr. R. Rajadevi, AP [SCG] , Dr. V. Surendar, AP [SCG]

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
I.	Curricular Aspects (150)	Curriculum Design and Development process	KEC/DEPT/CDC/ F01	CDC-01,02	40	0	1	2	3	4	160	Documents are maintained as per standards.
		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-11		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	4 one credit & 2 non-formal Courses were conducted.
		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	Proof are available as per CDC record.
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/ F01	CDC-03,04, 06	40	0	1	2	3	4	147	Master Timetable is available. NOT Individual IT
		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 06, HOD-07		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>Documents available as per Record,</p> <p>Minimal level of ICT tools used,</p> <ul style="list-style-type: none"> <li>- Knowledge level to be maintained for both set of Q.P.</li> <li>- Lab Rubrics may be maintained</li> </ul> <p>Rubrics may be added in individual Lab manual,</p> <ul style="list-style-type: none"> <li>- Data available</li> <li>- Direct &amp; indirect assessment</li> <li>- format to be maintained in future</li> </ul>	
		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		Course File		0	1	2	3	4			
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/CCT/	Course File		0	1	2	3	4			
		Conduct of Continuous Assessment Tests		KEC/DEPT/TCO/F01		0	1	2	3	4			
		Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Course File		0	1	2	3	4			
		Adequate number of Assignments and Tutorials		Course File		0	1	2	3	4			
		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		0	1	2	3	4			
		Quality of Laboratory Manual		Course File		0	1	2	3	4			
		Project Work Review Schedule		KEC/DEPT/CCP/		0	1	2	3	4			
		Evaluation of CA Test papers	KEC/DEPT/CCT/	Course File	50	0	1	2	3	4	187.5		
		Evaluation of Assignments/Tutorials		Course File		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/CLA/F01	CLA03XL-1	80	0	1	2	3	4	304		
		End Semester Result Analysis		CLA04XL-2,3		0	1	2	3	4			
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/POM/F01	POM-01 to 05		0	1	2	3	4			
		Quality of Project Reports		KEC/DEPT/CCP/		0	1	2	3	4			
		PAC and QIC formulation and Meeting minutes	KEC/DEPT/HOD/F01	HOD-09 to 12		0	1	2	3	4			

		Student Feedback on Course	KEC/DEPT/IQI/ F01	Feedback form and Action Taken	50	0	1	2	3	4	200	Documents are maintained.
		Student Feedback on Teachers		Feedback form and Action Taken		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/F 01	RC-01	20	0	1	2	3	4	80	-36 projects proposal Submitted. - 1 Crore 51 Lakh grants received, - 3 Lakh - Seed money Recd.
		Submission of Project Proposals		RC-01		0	1	2	3	4		
		Research Grants received		RC-01		0	1	2	3	4		
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-01	20	0	1	2	3	4	70	- Seminar proposals Submission may be increased.
		Conference / seminar / workshop/FDP/SSTP organized		RC-01		0	1	2	3	4		
	Promotion of Start-ups	Promotion of Start-ups	KEC/DEPT/HEC/ F01	EMC-01 to 05	10	0	1	2	3	4	30	Start-up documents available, motivate students to convert projects to startups
	Paper presentation by students  Conversion of student projects into paper  Quality Publications by faculty  Books/Book chapters/Conference proceedings  Patents filed/ published/granted	Paper presentation by students	KEC/DEPT/SAP/ F01	SAP-01,04	50	0	1	2	3	4	191.67	- Data available - list may be completed at the end of the semester. - 9 projects converted to paper - 10 conferences & Book chapters - 2 patent filled. - 3 Lakh - innovation awards
		Conversion of student projects into paper		RC-03		0	1	2	3	4		
		Quality Publications by faculty		RC-02		0	1	2	3	4		
		Books/Book chapters/Conference proceedings		RC-04		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	80	- 20 persons acted as resource person. - Consultancy - 67, 375/- - Training - 24, 38, 578/- - Testing - 15, 399/-
		Industrial Consultancy/Testing Works	KEC/DEPT/IIPC/ F01	IIPC-01,02,03		0	1	2	3	4		
	Corporate Training (IIPC/Other Grants)	Corporate Training (IIPC/Other Grants)		IIPC-04		0	1	2	3	4		

		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 05	20	0	1	2	(3)	4	65	-Feedback may be completed.	
		Implant Training/Internship	KEC/DEPT/IPC/F01	IPC-01 to 04		0	1	2	(3)	4		-Implant training may be increased in the forthcoming year.	
		MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		0	1	2	3	(4)		-11 MoU's	
		Industrial visits arranged for students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0	1	2	(3)	4		-7 V- Odd Sem-III - due to covid, Industrial visit - 6 events.	
	4.	Research Collaboration with other institution	KEC/DEPT/RC/F01	RND-08/IIPC-05	10	0	1	2	3	(4)	40	1 proposal, 10 papers, 2 PDP along with other institution.	
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,08		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	112.50	Data available – not in format	
		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	Documents available as per format	
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	(3)	(4)	80	e-content may be improved.	
		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		0	1	2	(3)	(4)			
	5.	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	(4)	120	Documents available, 93 final year placed due to training.	
		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	122.33	1 candidate cleared CAT, may be improved.	
		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		78%, 85%, 197%.	

		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	Date available missing in format.
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	(4)	40	6 conducted, 4 Alumni visited.
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	(4)	80	Documents available, as per format.
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01, 02,04, QP-00		0	1	2	3	(4)		Available in SWOT analysis.
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	(4)	80	NPTEL courses may be registered for the coming sem.
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	(3)	4	70	Documents available.
		Faculty Qualification Improvement & Retention		Proof		0	1	2	3	(4)		Documents available.
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	(4)	80	Cut section model like Case studies, mini projects available.
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	(4)	80	- IEEE , TRs , - IEEE - Special programmes & Social relevant activities - 5 faculty completed UGTR Proj
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	3	(4)	120	- 3 CEO's, 7 faculty to institution level responsibility - NPTEL completed by 17 students.
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	(4)	200	
		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)	70	
		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	587	3.91	ODP Sem individual Time Table to be maintained
2.	Teaching -Learning Process	300	1131.5	3.77	Rubrics to be added in individual manual.
3.	Research, Innovation and Extension	150	556.67	3.71	Seminar proposal submission may be increased,
4.	Infrastructure and Learning Resources	100	377.5	3.77	e-content may be improved
5.	Student Support and Progression	100	353.33	3.53	Motivate students to clear competitive exams.
6.	Governance Leadership and Management	100	390	3.9	Faculty may be attended more NPTEL Courses
7.	Institutional Values and Best Practices	100	390	3.9	Institution contribution by the faculty is more.
<b>Total</b>		1000	3786	3.786	

Signature of Department Coordinators  
(with name)

(Dr. K. Gomathi)

1. Dr. R. Rajadevi   
8/6/22

2. Dr. V. Surendar -   
Signature of Auditors  
(with name and dept.)  
8/6/22

1. Dr. R. RAJADEVI / IT  
2. Dr. V. SURENDAR / EEE

  
8.6.22  
Head of the Department  
(with seal)

Dr.P.RAVICHANDRAN M.E.,Ph.D.,  
Associate Professor and Head,  
Department of Mechatronics Engineering,  
KONGU ENGINEERING COLLEGE,  
Perundurai, Erode - 638 060.



### Audit Evaluation Sheet for the Academic Year 2021-2022(ODD)

Date of Audit : 3. 6. 2022

Auditors Name and Designation : DR. S. Selvakumar / ASP / mech.  
Dr. M. Jegadeeswari / ASP / meca

Audited Department : ECE

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	verified the curriculum structure and syllabus. Improvement in curriculum & syllabus revision 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-11		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	105	
		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	graduate exit survey - verified.
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/ F01	CDC-03,04, 06	40	0	1	2	3	4	160	staff meeting checked, need improvement Time table 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 06, HOD-07		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	70	<p>Course end Survey completed , Adjunct faculty - verified</p> <p>Course plan, Course Coordination meeting - verified , 18EET53-Digital Signal processing - Verified 20CSE31, 20VLT12 Verified .</p> <p>18ECL52 PSPLab Verified , 18ECP71-project work phase 1 - 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	390		
		Course Coordination Meeting		CCO-02		0	1	2	3	4			
		Course Delivery Methods		Course File		0	1	2	3	4			
		Use of ICT tools				0	1	2	3	4			
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/CCT/	Course File	100	0	1	2	3	4	390		
		Conduct of Continuous Assessment Tests		TCO-01 to 07		0	1	2	3	4			
		Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Course File	100	0	1	2	3	4	390		
		Adequate number of Assignments and Tutorials		Course File		0	1	2	3	4			
		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01	50	0	1	2	3	4	200		
		Quality of Laboratory Manual		Course File		0	1	2	3	4			
		Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02	50	0	1	2	3	4	200		
		Evaluation of CA Test papers		Course File		0	1	2	3	4			
		Evaluation of Assignments/Tutorials	KEC/DEPT/CCT/	Course File	50	0	1	2	3	4	200		
		Evaluating experiments - Rubrics/Periodically		Lab Manual		0	1	2	3	4			
		Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02	50	0	1	2	3	4	200		
		Continuous Assessment Test – Analysis	KEC/DEPT/CLA/F01	CLA03XL-1	80	0	1	2	3	4	304		
		End Semester Result / Analysis		CLA04XL-2,3		0	1	2	3	4			
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/POM/F01	POM-01 to 05	80	0	1	2	3	4	304		
		Quality of Project Reports		Sample reports		0	1	2	3	4			
		PAC and QIC formulation and Meeting minutes	KEC/DEPT/HOD/F01	HOD-09 to 12		0	1	2	3	4			

		Student Feedback on Course	KEC/DEPT/IQI/F01	Feedback form and Action Taken	50	0	1	2	3	4	200	verified.
		Student Feedback on Teachers		Feedback form and Action Taken		0	1	2	3	4		
3. Research, Innovation and Extension (150)  49985 2.33	KEC/DEPT/RC/F01	Seed money Proposals	RC-01		0	1	2	3	4	46.6	Seed money proposal - NIL	
		Submission of Project Proposals	RC-01		0	1	2	3	4	46.6	IASSR - Rs 6,30,000 EDII - Rs 6,80,000	
		Research Grants received	RC-01		0	1	2	3	4	46.6	1 - International conference 2 - sponsored seminar	
		Conference / seminar / workshop/FDP/STTP proposals submitted	RC-01		0	1	2	3	4	80		
		Conference / seminar / workshop/FDP/SSTP organized	RC-01		0	1	2	3	4	80		
		Promotion of Start-ups	KEC/DEPT/HEC/F01	EMC-01 to 05	10	0	1	2	3	4	40	Aogram Agri tech - startups
		Paper presentation by students	KEC/DEPT/SAP/F01	SAP-01,04	50	0	1	2	3	4	183	3436 papers presented
		Conversion of student projects into paper	RC-03			0	1	2	3	4		students projects into paper can be improved
		Quality Publications by faculty	RC-02			0	1	2	3	4		3 Book chapters - 3 patent granted - 1
		Books/Book chapters/Conference proceedings	RC-04			0	1	2	3	4		
		Patents filed/ published/granted	Proof			0	1	2	3	4		
	KEC/DEPT/FST/F01	Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	FST-05		20	0	1	2	3	4	40	Industrial Consultancy - Rs 20,000 need to be improved
		Faculty as Resource persons	FST-06			0	1	2	3	4		Corporate training - need to be improved
		Industrial Consultancy/Testing Works	IIPC-01,02,03			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 05	20	0	1	2	3	4	done to covid done to covid , Industry interaction -10	
		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		
		Research Collaboration with other institution	KEC/DEPT/RC/F01	RND-08/IIPC-05	10	0	1	2	3	4	40	
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,08		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	
		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	120	
		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	
		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	
		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	verified
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4	40	A humantleemoor - 4
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	80	strategic plan worked,
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01, 02,04, QP-00		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	80	VLSI Design → CDE
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4	80	48 out of 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	80	7 Non teaching - attended the training
		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	placement skill development involvement of faculty in research , best award ,
		Contribution towards Institutional Values and Social Responsibilities	File	Proof		0	1	2	3	4	183.3	Foreign language programme → Spanish, french, Japanese, german.
		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	80	Kongu CRS NPTEL Exam - students passed 211 unfilled.
		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	585	3.9	Industrial project can be improved.
2.	Teaching –Learning Process	300	1164	3.88	Quality of lab manual can be improved.
3.	Research, Innovation and Extension	150	499.6	3.33	Industrial action training, corporate training need to be improved.
4.	Infrastructure and Learning Resources	100	400	4.00	
5.	Student Support and Progression	100	360	3.60	Higer education need to be improved.
6.	Governance Leadership and Management	100	400	4.0	
7.	Institutional Values and Best Practices	100	383.3	3.83	Values related to human values can be improved.
<b>Total</b>		1000	3791.9	26.54	

1. *[Signature]*

2. *[Signature]*

Signature of Department Coordinators  
(with name)

1. Dr. P. Sivaranjani  
Professor - ECE

2. Dr. J. Vijayalakshmi  
Associate Professor - ECE

1. *[Signature]*

2. M. J. Ramya

Signature of Auditors  
(with name and dept.)

1. Dr. S. Sekar  
Associate Professor - MECH

2. Dr. M. Jagadeesam  
Associate Professor - MCA

Head of the Department  
(with seal)

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

*[Signature]*  
16/12/2022



### Audit Evaluation Sheet for the Academic Year 2021-2022(ODD)

Date of Audit : 04.06.2022

Auditors Name and Designation : Dr. D. MALATHI  
 ECE

Dr. K. PRAKASH  
 PHYSICS

Audited Department : ELECTRICAL & ELECTRONICS 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 <b>4</b>	160	Signature missing
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0 1 2 3 <b>4</b>		
		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-11		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>	120	
		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 3 <b>4</b>	160	Comparison of 2 regulation can be done
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/ F01	CDC-03,04, 06	40	0 1 2 3 <b>4</b>	160	
		Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F 01	TTI-01,02		0 1 2 3 <b>4</b>		
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 06, HOD-07		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	
		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		Course File ✓		0	1	2	3	4		
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/CCT/	Course File ✓		0	1	2	3	4	ASSignment, CounselliNg, Special class	
		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/	Course File ✓	50	0	1	2	3	4	20 EELJ2 – Analog & digital electronics laboratory - Dr. Sivachitra & D. Balaji	
		Adequate number of Assignments and Tutorials		Course File ✓		LT-01 ✓	0	1	2	3	4	
		Laboratory Course Plan	KEC/DEPT/CCL/	Course File ✓		Course File ✓	0	1	2	3	4	Marks reduced for experiments & lesson not mentioned (Rubrics)
		Quality of Laboratory Manual		Course File ✓		PR-01,02 ✓	0	1	2	3	4	
		Project Work Review Schedule	KEC/DEPT/CCT/	Course File ✓	80	0	1	2	3	4	187.5	
		Evaluation of CA Test papers		Course File ✓		Course File ✓	0	1	2	3	4	
		Evaluation of Assignments/Tutorials	KEC/DEPT/CCL/	Lab Manual ✓	80	0	1	2	3	4	PO & co analysis - Last year data verified	
		Evaluating experiments – Rubrics/Periodically		PR-02 ✓		0	1	2	3	4		
		Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CLA/ F01	CLA03XL-1 ✓	80	0	1	2	3	4	304	
		Continuous Assessment Test – Analysis		CLA04XL-2,3 ✓		0	1	2	3	4		
		End Semester Result Analysis	KEC/DEPT/POM/ F01	POM-01 to 05 ✓	80	0	1	2	3	4	Improvement required for quality of project reports	
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken		Sample reports ✓		0	1	2	3	4		
		Quality of Project Reports	KEC/DEPT/HOD/ F01	HOD-09 to 12 ✓		0	1	2	3	4		
		PAC and QIC formulation and Meeting minutes										

		Student Feedback on Course	KEC/DEPT/IQI/F01	Feedback form and Action Taken	50	0	1	2	3	4	175	Student feedback - No proper filing of records
		Student Feedback on Teachers		Feedback form and Action Taken		0	1	2	3	4		
3. Research, Innovation and Extension (150)	Seed money Proposals	KEC/DEPT/RC/F01	RC-01	20	0	1	2	3	4	58.33	—	
	Submission of Project Proposals		RC-01		0	1	2	3	4			
	Research Grants received		RC-01		0	1	2	3	4			
	Conference / seminar / workshop/FDP/STTP proposals submitted		RC-01	20	0	1	2	3	4	80	—	
	Conference / seminar / workshop/FDP/SSTP organized		RC-01		0	1	2	3	4			
	Promotion of Start-ups	KEC/DEPT/HEC/F01	EMC-01 to 05	10	0	1	2	3	4	0	Startups can be promoted	
	Paper presentation by students	KEC/DEPT/RC/F01	SAP-01,04	50	0	1	2	3	4	183.33	Publication count of individual faculty should be done	
	Conversion of student projects into paper		RC-03		0	1	2	3	4			
	Quality Publications by faculty		RC-02		0	1	2	3	4			
	Books/Book chapters/Conference proceedings		RC-04		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	20	0	1	2	3	4	53.33	Training to Industry may be provided.	
	Faculty as Resource persons		FST-06		0	1	2	3	4			
	Industrial Consultancy/Testing Works	KEC/DEPT/IIPC/F01	IIPC-01,02,03	20	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 05	20	0	1	2	3	4	80	-	
		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			
		Research Collaboration with other institution	KEC/DEPT/RC/F01	RND-08/IIPC-05		0	1	2	3	4			
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,08		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	Lab maintenance records – <del>few missing</del> signature missing on few records.	
		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	120		
		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	-	
		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.)	EC/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	80	
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01, 02,04, QP-00		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	80	
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4	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	80	
		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	
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	4	256.6	Activities related to society can be promoted
		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	50	
		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	600	4	Comparison of 2 regulations can be done. Rubrics followed but reason required for marks reduction.
2.	Teaching –Learning Process	300	1146.5	3.82	Proper filing required for feedbacks.
3.	Research, Innovation and Extension	150	489.40	3.26	Start ups can be promoted.
4.	Infrastructure and Learning Resources	100	390.5	3.92	No teacher shift for ensure signature on all the documents.
5.	Student Support and Progression	100	400	4	–
6.	Governance Leadership and Management	100	400	4	–
7.	Institutional Values and Best Practices	100	396.6	3.96	Activities related to society can be promoted.
Total		1000			

V. SURENDRA  
V. KUMARESAN

Signature of Department Coordinators  
(with name)

Dr. V. SURENDRA (V. KUMARESAN)

V. SURENDRA  
V. KUMARESAN

Signature of Auditors  
(with name and dept.)

1. Dr. D. Malathi  
Professor ECE

2. Dr. K. PRABU  
ASP / PHYSICS

A. G. Lalgudi  
at 6/22

Head of the Department  
(with seal)

HEAD  
DEPT. OF ELECTRICAL & ELECTRONICS ENGG  
KONGU ENGINEERING COLLEGE  
THOOPPUPALAYAM (Po)  
PERUNDURAI, ERODE - 638 060.



### Audit Evaluation Sheet for the Academic Year 2021-2022(ODD)

Auditors Name and Designation : Dr. P. Sivalanjan, Professor  
 Dr. R.S. MOHANA, ASP

Date of Audit : 06.06.2022

Audited Department : EIE

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	$\frac{20}{5} = 4$ = 160	Satisfactory
		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-11		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	Internship - 62 VAC - 7
		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	Graduate Exit Survey & feedback can be incorporated
		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 06, HOD-07		0	1	2	3	4		

		Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/F01	HOD-03	20	0	1	2	3	4	80	100	
		Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		0	1	2	3	4			
4 + 3 + 3 + 3 + 4 + 4 + 4 = 35 10 = 305	Teaching-Learning Process (300)	Structured Course Plan	KEC/DEPT/CCT/	CCO-01	100	0	1	2	3	4	350	General	
		Course Coordination Meeting		CCO-02		0	1	2	3	4			
		Course Delivery Methods – Use of ICT tools		Course File		0	1	2	3	4			
		Continuous Assessment (CA) Test Question Paper standards		Course File		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/		Course File	0	1	2	3	4		
		Adequate number of Assignments and Tutorials		KEC/DEPT/CCT/		Course File	0	1	2	3	4		
		Laboratory Course Plan		KEC/DEPT/CCL/		LT-01	0	1	2	3	4		
		Quality of Laboratory Manual				Course File	0	1	2	3	4		
		Project Work Review Schedule		KEC/DEPT/CCP/		PR-01,02	0	1	2	3	4		
2.		Evaluation of CA Test papers	KEC/DEPT/CCT/	Course File	50	0	1	2	3	4	175 3.5% 50 = 175	* Identification of project area by students need better clarity. *	
		Evaluation of Assignments/Tutorials		Course File		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/CLA/F01	CLA03XL-1		0	1	2	3	4		Quality of Project Report need to be improved	
		End Semester Result Analysis		CLA04XL-2,3		0	1	2	3	4			
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/POM/F01	POM-01 to 05		0	1	2	3	4			
		Quality of Project Reports	KEC/DEPT/CCP/	Sample reports		0	1	2	3	4			
		PAC and QIC formulation and Meeting minutes	KEC/DEPT/HOD/F01	HOD-09 to 12		0	1	2	3	4	240		

		Student Feedback on Course	KEC/DEPT/IQI/F01	Feedback form and Action Taken	50	0	1	2	3	4	100	* Follow up actions need to be taken	
		Student Feedback on Teachers		Feedback form and Action Taken		0	1	2	3	4			
3. →	Research, Innovation and Extension (150)	Seed money Proposals	KEC/DEPT/RC/F01	RC-01	20	0	1	2	3	4	$\frac{3}{3} \times 20 = 20$	Need to strengthen the research project submissions & Grants	
		Submission of Project Proposals		RC-01		0	1	2	3	4			
		Research Grants received		RC-01		0	1	2	3	4			
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-01	20	0	1	2	3	4	$80$		
		Conference / seminar / workshop/FDP/SSTP organized		RC-01		0	1	2	3	4			
		Promotion of Start-ups	KEC/DEPT/HEC/F01	EMC-01 to 05	10	0	1	2	3	4	0	* Initiation of start up by students can be motivated	
		Paper presentation by students	KEC/DEPT/RC/F01	SAP-01,04	50	0	1	2	3	4	$\frac{17}{6} = 2.83$ $2.83 \times 50 = 141.6$ $= 142$ $2/25$	At least one patent has to be filed	
		Conversion of student projects into paper		RC-03		0	1	2	3	4			
		Quality Publications by faculty		RC-02		0	1	2	3	4			
		Books/Book chapters/Conference proceedings		RC-04		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	20	0	1	2	3	4	$3/2 = 1.5$ $1.5 \times 33.33 = 50$	Consultancy can be improved	
		Faculty as Resource persons		FST-06		0	1	2	3	4			
		Industrial Consultancy/Testing Works		IIPC-01,02,03		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	KEC/DEPT/ASA/F01	ASA-01 to 05	20	0	1	2	3	4	$\frac{13}{4} = 3.25$	Feed back response for each program need to be consolidated and action has to be taken.		
		Implant Training/Internship	KEC/DEPT/IPC/F01	IPC-01 to 04		0	1	2	3	4	4			
		MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		0	1	2	3	4	= 65			
		Industrial visits arranged for students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0	1	2	3	4	65			
4.	Infrastructure and Learning Resources (100)	Research Collaboration with other institution	KEC/DEPT/RC/F01	RND-08/IIPC-05	10	0	1	2	3	4	$\frac{8 \times 10}{2} = 40$	- S University collaboration		
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,08		0	1	2	3	4	= 40			
		Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/F01	FMM-01 to 04	30	0	1	2	3	4	120			
		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	120			
		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	1 - qualified (6at) 3 - MBA (3 Students)		
		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	93			
		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		
		Academic Audit – Action Taken	KEC/DEPT/IQAC/F01	IQI-01, 02, 04, QP-00		0	1	2	3	4	60	
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	80	
		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	80	
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	4	40	2- Staff training
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	40	25 Parents - Teachers
		Department Best Practices	File	Proof	30	0	1	2	3	4	120	Alumni, & Senior students training Junior Students for placement
7.	Institutional Values and Best Practices (100)	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	150	
		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		* Tamil Makkam Club
		Practices for Student Self learning	File	Proof		0	1	2	3	4	80	* 215 - Certified NPTEL

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	Graduate exit survey + can be included feed back
2.	Teaching –Learning Process	300	1025	3.41	Quality of Project reports can be improved
3.	Research, Innovation and Extension	150	380	2.53	More focus can be given on submission of research projects
4.	Infrastructure and Learning Resources	100	380	3.8	-
5.	Student Support and Progression	100	333	3.3	Higher Education & competitive exam participation can be strengthened
6.	Governance Leadership and Management	100	300	3.0	Non-teaching Staff training can be improved
7.	Institutional Values and Best Practices	100	230	2.3	-
Total		1000	3208		

1. K. Prabh  
8/6/2022

2. S. Jeyar  
3/6/22

Signature of Department Coordinators  
(with name)

1. Dr. K. Prabh  
ASP - EIE

2. Mr. S. Janarthanan  
AP(SI.G) - EIE

1. Dr. P. Sivaranjan  
8/6/2022

2. R.S. Natarajan  
8/6/2022

Signature of Auditors  
(with name and dept.)

1. Dr. P. Sivaranjan  
Professor - Dept of  
ECE

2. Dr. R.S. Natarajan  
ASP / CSE

R.S. Natarajan  
8/6/2022  
Head of the Department  
(with seal)

HEAD  
DEPT. OF ELECTRONICS AND INSTRUMENTATION ENGC.  
SCHOOL OF ELECTRICAL SCIENCES  
KONGU ENGINEERING COLLEGE  
THOOPPALAYAM (PO)  
PERUNDURAI (TK), ERODE - 638 060



### Audit Evaluation Sheet for the Academic Year 2021-2022(ODD)

Date of Audit : 04-06-2022

Auditors Name and Designation : Dr. S. J. Sugunan, ASP-ECE  
Dr. S. Sathiyavathi, ASP-MTS  
Audited Department : Computer Science and 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	New courses added in 2022 in professional Elective Such as Agile Programming
		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-11		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	2021-2022 – 778 Students benefited through VAC.
		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	120	Surveys are in place. The Survey scales may be uniform. Employer Survey may have consolidate matrix
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/F01	CDC-03,04, 06	40	0	1	2	3	4	160	Mapping of COs with VAC may have assessment
		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 06, HOD-07		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	2021 → 252 Admin & ST R : 1:13:7 Cadre ratio : 1:1.83:7
		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	380	QP scheduling need improvements 2. QPs are not in same K levels Remedial classes may be conducted for less than 50% pass.
		Course Coordination Meeting		CCO-02		0	1	2	3	4		
		Course Delivery Methods – Use of ICT tools		Course File		0	1	2	3	4		
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/CCT/	Course File		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/	Course File	50	0	1	2	3	4	187.5	Rubrics not common among sections in same course .
		Adequate number of Assignments and Tutorials	KEC/DEPT/CCT/	Course File		0	1	2	3	4		
		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		0	1	2	3	4		
		Quality of Laboratory Manual		Course File		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/	Course File	80	0	1	2	3	4	320	Good .
		Evaluation of Assignments/Tutorials		Course File		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/CLA/F01	CLA03XL-1	80	0	1	2	3	4	320	Good .
		End Semester Result Analysis		CLA04XL-2,3		0	1	2	3	4		
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/POM/F01	POM-01 to 05		0	1	2	3	4		
		Quality of Project Reports	KEC/DEPT/CCP/	Sample reports		0	1	2	3	4		
		PAC and QIC formulation and Meeting minutes	KEC/DEPT/HOD/F01	HOD-09 to 12		0	1	2	3	4		

		Student Feedback on Course	KEC/DEPT/IQI/F01	Feedback form and Action Taken	50	0	1	2	3	4	175	Reports available. Training may be given for betterment.
		Student Feedback on Teachers		Feedback form and Action Taken		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 Promotion of Start-ups	KEC/DEPT/RC/F01	RC-01	20	0	1	2	3	4	46.67	More faculty may be motivated to obtain research funds.	
			RC-01		0	1	2	3	4			
			RC-01		0	1	2	3	4			
			RC-01	20	0	1	2	3	4	40	No funded seminars organized.	
			RC-01		0	1	2	3	4			
			EMC-01 to 05	10	0	1	2	3	4	30	Have participants for all activities organized by EMC	
	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	KEC/DEPT/RC/F01	SAP-01,04	50	0	1	2	3	4	100	* 43/88 papers in cell. * Projects converted to papers * Lesser due to COVID.	
			RC-03		0	1	2	3	4			
			RC-02		0	1	2	3	4			
			RC-04		0	1	2	3	4			
			Proof		0	1	2	3	4			
			FST-05		0	1	2	3	4			
	Industrial Consultancy/Testing Works Corporate Training (IIPC/Other Grants)	KEC/DEPT/IIPC/F01	FST-06	20	0	1	2	3	4	33-34	* Target is 2 Lakh Journal * Achieved is 4.13 Lakh * 35/58 faculty are involved in consultancy	
			IIPC-01,02,03		0	1	2	3	4			
			IIPC-04		0	1	2	3	4			

		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 05	20	0	1	2	3	4	70	* Good number of programmes are organized amidst COVID.	
		Inplant Training/Internship	KEC/DEPT/IPC/F01	IPC-01 to 04		0	1	2	3	4		* No clubs are run by department.	
		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	RND-08/IIPC-05	10	0	1	2	3	4	20	* 10 papers published with foreign university	
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,08		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	105	* All documents are maintained as per record.	
		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	* Fully utilized.	
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	4	40	* Well maintained	
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	4	90	* Good numbers developed	
		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	60	* Some changes may be made for effective results	
		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		
		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 number of participations
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4	30	* Well organized
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	80	A well structured council is available for SCWA.
		Academic Audit – Action Taken	KEC/DEPT/IQAC/F01	IQI-01, 02, 04, QP-00		0	1	2	3	4		Academic audit reports have completed.
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	80	Collaboration with ITP, Ph.D. – 01
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01, 03, 04	20	0	1	2	3	4	70	HOD remarks not available.
		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	St. staff undergo or training.
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	80	Online meetings conducted.
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	3	4	120	Ideas for conducted 50 projects are selected for progr. of concept.
		Contribution towards Institutional Values and Social Responsibilities	File	Proof		0	1	2	3	4	200	
		Contribution towards Special programmes	File	Proof	50	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	70	Self learning may be extended beyond NPTEL
		Practices for Student Self learning	File	Proof		0	1	2	3	4		

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	GPA Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	560	3.733	—
2.	Teaching –Learning Process	300	1142.5	3.80	—
3.	Research, Innovation and Extension	150	340	2.27	Research facilities to be improved.
4.	Infrastructure and Learning Resources	100	315	3.15	—
5.	Student Support and Progression	100	230	2.3	—
6.	Governance Leadership and Management	100	390	3.9	Nil.
7.	Institutional Values and Best Practices	100	390	3.9	Nil.
<b>Total</b>		1000	—	—	

1. R. S. MOHANA  
14/6/22

Signature of Department Coordinators  
(with name)

(R. S. MOHANA)

1. Prof. S. J. Sasi Prasath  
FIE  
14/6/22

2. Dr. S. SATHIYANATHI  
/MTS  
14/6/22

Signature of Auditors  
(with name and dept.)

Head of the Department  
(with seal)

Dr. N. SHANTHI  
PROFESSOR AND HEAD  
DEPT OF COMPUTER SCIENCE & ENGG  
KONGU ENGINEERING COLLEGE  
THOPPUPALAYAM (Po)  
PERUNDURAI (TK), ERODE - 638 060

Shanthi  
14/6/22



### Audit Evaluation Sheet for the Academic Year 2021-2022(ODD)

Date of Audit :03.06.2022

Auditors Name and Designation :Dr.V.Sangeetha & Dr.S.Maheswaran

Audited Department :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	4	40	Curriculum and syllabus were well planned and implemented as per AICTE model curriculum. Improvement was observed in R2018-R2020. Advanced topics were introduced. File verified. Two external BOS meetings were conducted during 2021-2022.
		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-11		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	26.25	Sample verified – GO programming Most of the students have undergone 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	40	As per the feedback from stakeholder's content enrichment in the syllabus of Big data analytics, 3D modelling and mixed reality applications
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/ F01	CDC-03,04, 06	40	0	1	2	3	4	40	All the courses were mapped with PO Faculty expertise – Most of the courses
		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 06, HOD-07		0	1	2	3	4		Time table file verified – adequate number of hours was allotted
2.	Teaching –Learning Process (300)	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/ F01	HOD-03	20	0	1	2	3	4	20	2021-2022 – (124/120) students were enrolled. adjunct faculty- Dr. Chellapan
		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	92.5	20ITT33 – Computer organization course file verified. 5 CCC meeting was conducted.
		Course Coordination Meeting		CCO-02		0	1	2	3	4		e content was published in You Tube -18ITT51 computer networks
		Course Delivery Methods – Use of ICT tools		Course File		0	1	2	3	4		
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/CCT/	Course File	100	0	1	2	3	4	46.87	20ITT33 – Computer organization CAT result was low and remedial class was conducted. File verified
		Conduct of Continuous Assessment Tests		TCO-01 to 07		0	1	2	3	4		
		Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Course File	100	0	1	2	3	4	75.25	20ITT33 – Computer organization 6 tutorials were conducted for credit course
		Adequate number of Assignments and Tutorials		Course File		0	1	2	3	4		
		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01	50	0	1	2	3	4	46.87	18ITL53- Case Tool Laboratory - Rubrics and manual verified
		Quality of Laboratory Manual		Course File		0	1	2	3	4		
		Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02	50	0	1	2	3	4	75.25	Rubrics for project work not available.
		Evaluation of CA Test papers	KEC/DEPT/CCT/	Course File		0	1	2	3	4		
		Evaluation of Assignments/Tutorials		Course File	80	0	1	2	3	4	75.25	File verified PAC- 2 meetings were conducted. File verified
		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/CLA/ F01	CLA03XL-1	80	0	1	2	3	4	75.25	
		End Semester Result Analysis		CLA04XL-2,3		0	1	2	3	4		
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect	KEC/DEPT/POM/ F01	POM-01 to 05		0	1	2	3	4		

		Assessments & Action Taken														
		Quality of Project Reports	KEC/DEPT/CCP/	Sample reports		0	1	2	3	4		76				
		PAC and QIC formulation and Meeting minutes	KEC/DEPT/HOD/F01	HOD-09 to 12		0	1	2	3	4						
		Student Feedback on Course	KEC/DEPT/IQI/F01	Feedback form and Action Taken	50	0	1	2	3	4						
		Student Feedback on Teachers		Feedback form and Action Taken		0	1	2	3	4		50				
3.	Research, Innovation and Extension (150)	Seed money Proposals	KEC/DEPT/RC/F01	RC-01	20	0	1	2	3	4						
		Submission of Project Proposals		RC-01		0	1	2	3	4		11.67				
		Research Grants received		RC-01		0	1	2	3	4						
		Conference / seminar / workshop/FDP/SSTP proposals submitted		RC-01		0	1	2	3	4						
		Conference / seminar / workshop/FDP/SSTP organized		RC-01		0	1	2	3	4		12.5				
		Promotion of Start-ups	KEC/DEPT/HEC/F01	EMC-01 to 05	10	0	1	2	3	4		5				
		Paper presentation by students	KEC/DEPT/RC/F01	SAP-01,04	50	0	1	2	3	4						
		Conversion of student projects into paper		RC-03		0	1	2	3	4						
		Quality Publications by faculty		RC-02		0	1	2	3	4						
		Books/Book chapters/Conference proceedings		RC-04		0	1	2	3	4		15.83				
		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	20	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-01,02,03		0	1	2	3	4	18-33	28 faculty involved as resource person till date 4,48,184/- generated through IIPC till date 36,680/- testing amount generated 11,850/- training
		Corporate Training (IIPC/Other Grants)		IIPC-04		0	1	2	3	4		
4.	Infrastructure and Learning Resources (100)	Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 05	20	0	1	2	3	4	13-75	File verified – 5 Activities No implant Training were found 8 MoU and 24 Activities were conducted till date No Industrial visit
		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	RND-08/IIPC-05	10	0	1	2	3	4	10	52 Research collaboration activities 14 faculty visited industries
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,08		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	30	All Physical facilities verified. Calibration Not Applicable List of latest and research level equipments for research and consultancy-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	15	Verified
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	4	15	File verified
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	4	22.5	Verified File verified
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0	1	2	3	4		
5.	Student Support and	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	4	30	4 Programs were organized
		Awareness programmes on	KEC/DEPT/HEC/	HEC-01 to 03		0	1	2	3	4		

	Progression (100)	Higher Education	F01												
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04	40	0	1	2	3	4	33.33	Participations were low  Sample file 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	20				
	6. Governance, Leadership and Management (100)	Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4	10	File verified			
		SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	15	Verified			
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01, 02, 04, QP-00		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	20	Verified			
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4	17.5	52 papers published with foreign authors File 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	15	Verified			
	7. Institutional Values and Best Practices (100)	Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	20	Verified			
		Department Best Practices	File	Proof	30	0	1	2	3	4	22.5	Files are verified.			
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	4	50	File Verified			
		Contribution towards Special programmes	File	Proof		0	1	2	3	4					
		Human values and Professional Ethics related	File	Proof		0	1	2	3	4					

		activities										
		Contribution towards Institutional Distinctiveness	File	Proof	20	0	1	2	3	4	20	File 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	146.25	0.975	
2.	Teaching –Learning Process	300	285.37	0.951	
3.	Research, Innovation and Extension	150	117.08	0.781	R&D can be improved
4.	Infrastructure and Learning Resources	100	82.5	0.825	
5.	Student Support and Progression	100	93.33	0.933	
6.	Governance Leadership and Management	100	87.5	0.875	
7.	Institutional Values and Best Practices	100	92.5	0.925	
Total		1000	904.53	6.265	

Signature of Department Coordinators  
(with name)

(CT. A BINTULI)

V. S. MUTHU  
Signature of Auditors Dr. MAHESWARAN  
(Dr. V. S. MUTHU/Chem)

R. R. W.G. 6. 2022  
Head of the Department  
(with seal)

Dr. R. THANGARAJAN  
PROFESSOR AND HEAD  
DEPT. OF INFORMATION TECHNOLOGY  
KONGU ENGINEERING COLLEGE  
THOPPUPALAYAM (Po)  
PERUNDURAI (TK), ERODE - 632 007



### Audit Evaluation Sheet for the Academic Year 2021-2022(ODD)

Date of Audit : 04.06.2022

Auditors Name and Designation : 1. Dr.S.Balaji/ Professor

2. C.Jamunadevi / Assistant Professor (SrG)

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	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-11		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	Files Verified
		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	160	BOS files verified
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/ F01	CDC-03,04, 06	40	0 1 2 3 4	160	Time Table Files & Skill matrix 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 06, HOD-07		0 1 2 3 4		

S.No	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	50	Data available but not in IQAC format.	
		Student Teacher Ratio, Cadre Ratio & Adjunct Faculty				0    1    2    3    4		No adjunct faculty	
		Structured Course Plan	KEC/DEPT/CCT/	CCO-01 CCO-02 Course File	100	0    1    2    3    4	390	20CHT34 – Chemical Process Calculation (II Year/ III Semester) course file verified for Tutorial, Lesson Plan, ICT tools, Remedial measure.	
		Course Coordination Meeting				0    1    2    3    4			
		Course Delivery Methods – Use of ICT tools				0    1    2    3    4			
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/CCT/	Course File	100	0    1    2    3    4	390	Test coordinator file verified	
		Conduct of Continuous Assessment Tests				0    1    2    3    4		18CHL51 – Process Heat Transfer Laboratory –File Verified.	
		Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Course File	100	0    1    2    3    4	390	18CHP71 – Project Work – I Phase II file verified for Project related works.	
		Adequate number of Assignments and Tutorials				0    1    2    3    4			
		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01 Course File	50	0    1    2    3    4	200	18CHT54 – Chemical Equipment Design and Drawing file verified for CA test.	
		Quality of Laboratory Manual				0    1    2    3    4		18CHL51 – Process Heat Transfer Laboratory –File Verified.	
		Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02	50	0    1    2    3    4	200	18CHP71 – Project Work – I Phase II file verified for Project related works.	
		Evaluation of CA Test papers				0    1    2    3    4			
		Evaluation of Assignments/Tutorials	KEC/DEPT/CCT/	Course File	80	0    1    2    3    4	272	CLA03,04 Formats to be followed.	
		Evaluating experiments – Rubrics/Periodically	KEC/DEPT/CCL/	Lab Manual	80	0    1    2    3    4		POM – 01 to 05 – Attainment available but received feed	
		Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02	80	0    1    2    3    4			
		Continuous Assessment Test – Analysis	KEC/DEPT/CLA/ F01	CLA03XL-1 CLA04XL-2,3		0    1    2    3    4			
		End Semester Result Analysis				0    1    2    3    4			
		Course Outcomes and	KEC/DEPT/POM/	POM-01 to 05		0    1    2    3    4			

S.No	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)	Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	F01		50	0	1	2	3	4	200	that complication in formatting.  18CHP71 – Project Work – I Phase II file verified for Project related works.
		Quality of Project Reports	KEC/DEPT/CCP/	Sample reports		0	1	2	3	4		
		PAC and QIC formulation and Meeting minutes	KEC/DEPT/HOD/ F01	HOD-09 to 12		0	1	2	3	4		
		Student Feedback on Course	KEC/DEPT/IQI/ F01	Feedback form and Action Taken		0	1	2	3	4		
		Student Feedback on Teachers		Feedback form and Action Taken		0	1	2	3	4		Feedback about course and feedback about teacher are verified.
		Seed money Proposals	KEC/DEPT/RC/F 01	RC-01		0	1	2	3	4	80	R & D Files Verified
		Submission of Project Proposals		RC-01		0	1	2	3	4		
		Research Grants received		RC-01		0	1	2	3	4		
		Conference / seminar / workshop/FDP/STTP proposals submitted	KEC/DEPT/RC/F 01	RC-01	20	0	1	2	3	4	80	R & D Files Verified
		Conference / seminar / workshop/FDP/SSTP organized		RC-01		0	1	2	3	4		
		Promotion of Start-ups	KEC/DEPT/HEC/ F01	EMC-01 to 05	10	0	1	2	3	4	20	Files Verified Files not in IQAC Format
		Paper presentation by students	KEC/DEPT/SAP/ F01	SAP-01,04	50	0	1	2	3	4	125	R & D Files Verified
		Conversion of student projects into paper	KEC/DEPT/RC/F 01	RC-03		0	1	2	3	4		
		Quality Publications by faculty		RC-02		0	1	2	3	4		
		Books/Book chapters/Conference proceedings	KEC/DEPT/RC/F 01	RC-04		0	1	2	3	4		
		Patents filed/ published/granted		Proof		0	1	2	3	4		

S.No	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)					Weighted Average	Observations	
4.	Infrastructure and Learning Resources (100)	Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	KEC/DEPT/FST/F01	FST-05	20	0	1	2	3	4	53.33	Consultancy & Testing Files Verified	
		Faculty as Resource persons		FST-06		0	1	2	3	4			
		Industrial Consultancy/Testing Works	KEC/DEPT/IIPC/F01	IIPC-01,02,03		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 05	20	0	1	2	3	4	50		
		In-plant 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	RND-08/IIPC-05	10	0	1	2	3	4	40	R & D Files Verified	
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,08		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	FMM 01 to 04 file verified.  Lab registers 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	Budget file verified.	
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	4	80	Department Library file verified.	
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	4	120	20CHT33 – Fluid Mechanic – verified for You Tube video.	
		E-content development –	KEC/DEPT/Lab	Records		0	1	2	3	4			

S.No	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)					Weighted Average	Observations
5.	Student Support and Progression (100)	Videos developed				0	1	2	3	4		
		Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	4	120	Higher Education Cell File 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	Higher Education Cell File 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	40	Files 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	Files Verified
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01, 02,04, QP-00		0	1	2	3	4		Files 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	Files Verified
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4	80	Files 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	Files Verified
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	80	Files Verified
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	3	4	120	Student Exchange Program file verified.
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	4	200	Catalyst – Fund Raising – Verified.

S.No	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		SPDP – File verified for Special Programmes.
		Human values and Professional Ethics related activities	File	Proof		0	1	2	3	4		
		Contribution towards Institutional Distinctiveness	File	Proof		0	1	2	3	4	80	Stated Drinking water plant scheme.
		Practices for Student Self learning	File	Proof		0	1	2	3	4		NPTEL file verified.

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	600	4	Few files are not in IQAC format
2.	Teaching –Learning Process	300	1112	3.70	No adjunct faculty
3.	Research, Innovation and Extension	150	448.33	2.98	No patents filed Few files are not in IQAC format
4.	Infrastructure and Learning Resources	100	400	4	NIL
5.	Student Support and Progression	100	360	3.6	Students need to be encouraged to participate in Co/Extra-curricular activities
6.	Governance Leadership and Management	100	320	3.2	Skill up-gradation training for supporting staff is missing
7.	Institutional Values and Best Practices	100	400	4	NIL
<b>Total</b>		1000	3640.33	25.48	

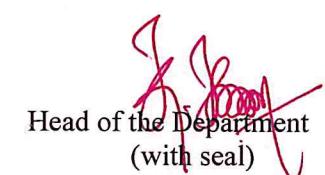
  
Dr. C. GOMADURAI

Signature of Department Coordinators  
(with name)

  
C. JAMUNADEVI

Signature of Auditors  
(with name and dept.)

  
C. JAMUNADEVI/CT-PG

  
Head of the Department  
(with seal)



### Audit Evaluation Sheet for the Academic Year 2021-2022(ODD)

Date of Audit : 04.06.2022

Auditors Name and Designation : Dr P.C.Murugan / Associate Professor  
Dr.R.Vennila / Assistant Professor (Sl.G)

Audited Department : 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	120	> Data 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-11		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	105	> Value added courses questions may be modified in consecutive years > 50 Student Internship
		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)	160	> Proof Available
		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)	133.3	> Good > Good

		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 06, HOD-07		0	1	2	(3)	4		➤ Good
2.	Teaching -Learning Process (300)	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/ F01	HOD-03	20	0	1	2	3	(4)	80	➤ 14.5:1
		Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		0	1	2	3	(4)		➤ 14.5:1
		Structured Course Plan	KEC/DEPT/CCT/	CCO-01	100	0	1	(2)	3	4	250	20FTR033 Course file
		Course Coordination Meeting		CCO-02		0	1	(2)	3	4		➤ K levels in question paper and syllabus mismatch
		Course Delivery Methods – Use of ICT tools		Course File		0	1	2	(3)	4		➤ Available
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/CCT/	Course File		0	1	2	(3)	4		➤ Good
		Conduct of Continuous Assessment Tests	KEC/DEPT/TCO/ F01	TCO-01 to 07		0	1	2	(3)	4		➤ Good
		Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Course File		0	1	(2)	3	4		➤ Good
		Adequate number of Assignments and Tutorials	KEC/DEPT/CCT/	Course File		0	1	2	(3)	4		
		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		0	1	2	(3)	4	100	
		Quality of Laboratory Manual		Course File		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/	Course File		0	1	(2)	3	4		
		Evaluation of Assignments/Tutorials		Course File		0	1	(2)	3	4		
		Evaluating experiments – Rubrics/Periodically	KEC/DEPT/CCL/	Lab Manual		0	(1)	2	3	4		➤ Good
		Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02		0	1	2	(3)	4		
		Continuous Assessment Test – Analysis	KEC/DEPT/CLA/ F01	CLA03XL-1	80	0	1	2	(3)	4	256	
		End Semester Result Analysis		CLA04XL-2,3		0	1	2	(3)	4		

		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/POM/F01	POM-01 to 05		0 0 0 0 0	1 1 1 1 1	2 2 2 2 2	(3) 3 (3) 3 (3)	4 4 4 4 4		➤ Good ➤ Ok
		Quality of Project Reports	KEC/DEPT/CCP/	Sample reports		0 0	1 1	2 2	3 3	(4) 4		
		PAC and QIC formulation and Meeting minutes	KEC/DEPT/HOD/F01	HOD-09 to 12		0 0	1 1	2 2	(3) (3)	4 4		
		Student Feedback on Course	KEC/DEPT/IQI/F01	Feedback form and Action Taken	50	0 0	1 1	2 2	3 3	(4) (4)	200	➤ Available
		Student Feedback on Teachers		Feedback form and Action Taken		0 0	1 1	2 2	3 3	(4) (4)		➤ Available
3.	Research, Innovation and Extension (150)	Seed money Proposals	KEC/DEPT/RC/F01	RC-01	20	0 0 0	1 1 1	2 2 2	3 3 3	4 4 4	40	➤ Less seminar / Project proposals also applied
		Submission of Project Proposals		RC-01		0 0	1 1	2 (2)	3 3	4 4		➤ Grant Received Rs.128 lakhs (Ongoing)
		Research Grants received		RC-01		0 0	1 1	2 2	3 3	(4) (4)		
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-01	20	0 0	1 (1)	2 2	3 3	4 4	10	➤ Project proposal – 01 ➤ Seminar proposal – 02
		Conference / seminar / workshop/FDP/SSTP organized		RC-01		0 0	1 1	2 2	3 3	4 4		Nil
		Promotion of Start-ups	KEC/DEPT/HEC/F01	EMC-01 to 05	10	0 0	1 1	2 (2)	3 3	4 4	20	➤ Only 4 Project presented in IIT Kanpur
		Paper presentation by students	KEC/DEPT/RC/F01	SAP-01,04	50	0 0 0 0 0	1 (1) (1) 1 (1)	2 2 2 2 2	3 3 3 3 3	4 4 4 4 4	50	➤ 25 Publications ➤ SCI – 06 ➤ Scopes – 10 ➤ Project to paper – 1 SCI 1 Scopus PG student -14 (Scopus-4)
		Conversion of student projects into paper		RC-03		0 0	1 (1)	2 2	3 3	4 4		
		Quality Publications by faculty		RC-02		0 0	1 1	2 (2)	3 3	4 4		
		Books/Book chapters/Conference proceedings		RC-04		0 0	1 1	2 (2)	3 3	4 4		
		Patents filed/ published/granted		Proof		0 0	1 1	2 2	3 3	4 4		

		Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	KEC/DEPT/FST/F01	FST-05		①	1	②	3	4		➤ Nil	
		Faculty as Resource persons		FST-06	20	0	1	2	3	④	40	➤ Data available	
		Industrial Consultancy/Testing Works	KEC/DEPT/IIPC/F01	IIPC-01,02,03		0	1	②	3	4		➤ Nil	
		Corporate Training (IIPC/Other Grants)		IIPC-04		①	1	2	3	4			
		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 05		0	1	2	③	4	60	➤ Data available	
		Inplant Training/Internship	KEC/DEPT/IPC/F01	IPC-01 to 04		0	1	2	3	④		➤ Good	
		MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		0	1	②	3	4		➤ 1 MoU singed	
		Industrial visits arranged for students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0	1	2	③	4		➤ Yes available	
		Research Collaboration with other institution	KEC/DEPT/RC/F01	RND-08/IIPC-05	10	①	1	2	3	4	10	➤ Nil	
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,08		0	1	②	3	4		➤ Only few faculty's participated	
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	➤ Good	
		Laboratory Maintenance Records/Registers	KEC/DEPT/Lab	LT-01 to 09		0	1	2	③	4		➤ Utilization can be improved	
		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	➤ Non Recurring expenses 2 Lakhs	
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	③	4	60		
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	③	4	90	➤ NA	
		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/LPT/PC/F 01	PC-04	30	0	1	2	3	(4)	105	➤ Good
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F 01	HEC-01 to 03		0	1	2	(3)	4		
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F 01	HEC-04	40	0	1	2	(3)	4	120	➤ Placement activities can be improved
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F 01	PC-06,07		0	1	2	(3)	4		
		Percentage of students joined higher education	KEC/DEPT/HEC/F 01	HEC-05		0	1	2	(3)	4		
		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F 01	SAP-01 to 04	20	0	1	2	(3)	4	60	
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F 01	ALC-01 to 05	10	0	1	2	(3)	4	30	
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F 01	HOD-02	20	0	1	2	3	(4)	60	➤ Available
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F 01	IQI-01, 02,04, QP-00		0	1	(2)	3	4		
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F 01	HOD-02	20	0	1	2	(3)	4	60	➤ Strategic development is available for 20-21
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F 01	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/F 01	FST-02	20	(0)	1	2	3	4	0	➤ Nil
		Parents-Teachers Meeting	KEC/DEPT/PRM/F 01	PRO-02 to 04	20	0	1	2	(3)	4	60	
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	(1)	2	3	4	30	➤ Available
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	(3)	4	150	➤ Available ➤ Association activities

	Contribution towards Special programmes	File	Proof		0	1	0	(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	> Only two students completed NPTEL course
	Practices for Student Self learning	File	Proof		0	1	(2)	3	4		> Most of the students have completed value added courses

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	518	3.45	
2.	Teaching –Learning Process	300	886	2.95	
3.	Research, Innovation and Extension	150	230	1.53	
4.	Infrastructure and Learning Resources	100	307.50	3.075	
5.	Student Support and Progression	100	315	3.15	
6.	Governance Leadership and Management	100	230	2.30	
7.	Institutional Values and Best Practices	100	210	2.10	
<b>Total</b>		1000	2696.50	2.65	

1. *Signature (Dr. A. Sudha)*  
 2. *10/06/2022 (M.S. SHIVAMONY)*  
 Signature of Department Coordinators  
 (with name) ✓

1. *Signature (Dr.P.C. Murugan)*  
 2. *10/06/22 (Dr. P. Venale)*  
 Signature of Auditors  
 (with name and dept.) Maths

*Chairman*  
 Head of the Department  
**Dr. V. Chitra Devi**  
 Professor & Head  
 Dept. of Food Technology  
 Kongu Engineering College  
 Thoppupalayam (Po)  
 Perundural, Erode - 638 060



### Audit Evaluation Sheet for the Academic Year 2021-2022(ODD)

Date of Audit : 6/6/22

Auditors Name and Designation

: Dr.P. NIRMALA DEVI  
Dr.P. Selvakumar

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	136	CDC-01- Not available . Verified . CDC-10- Not Applicable .
		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-11		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	26.25	Ac.yr. 2021-22 Verified . NVC-06 -
		Student involvement in field projects/internships		PC-05		0	1	2	3	4		105
		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 40	Verified .
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/ F01	CDC-03,04, 06	40	0	1	2	3	4	146.67	Mapping needs improvement
		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 06, HOD-07		0	1	2	3	4		36.67
2.	Teaching	Student Enrolment &	KEC/DEPT/HOD/	HOD-03	20	0	1	2	3	4		38.00 updated & Verified

Learning Process (300)	Improvement in Student Quality	F01							80	* After its format
	Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		0	1	2	3	4	
	Structured Course Plan	KEC/DEPT/CCT/	CCO-01		0	1	2	(3)	4	
	Course Coordination Meeting		CCO-02		0	1	2	(3)	4	
	Course Delivery Methods – Use of ICT tools		Course File		0	1	(2)	3	4	
	Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/CCT/	Course File		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/	Course File		0	1	2	(3)	4	
	Adequate number of Assignments and Tutorials	KEC/DEPT/CCT/	Course File		0	1	2	3	(4)	
	Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		0	1	2	3	(4)	
	Quality of Laboratory Manual		Course File		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/	Course File		0	1	2	3	(4)	
	Evaluation of Assignments/Tutorials		Course File		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/CLA/ F01	CLA03XL-1		0	1	2	3	(4)	
	End Semester Result Analysis		CLA04XL-2,3		0	1	2	(3)	(4)	
	Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/POM/ F01	POM-01 to 05		0	1	2	(3)	4	
	Quality of Project Reports	KEC/DEPT/CCP/	Sample reports		0	1	2	(3)	4	
	PAC and QIC formulation and Meeting minutes	KEC/DEPT/HOD/ F01	HOD-09 to 12		0	1	2	(3)	4	
	Student Feedback on Course	KEC/DEPT/IQI/ F01	Feedback form and Action Taken	50	0	1	2	3	(4)	200 50 Verified

		Student Feedback on Teachers		Feedback form and Action Taken		0 1 2 3 4			Verified.
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 Promotion of Start-ups	KEC/DEPT/RC/F 01	RC-01	20	0 1 2 3 4	53.33	Seed money proposals may be encouraged		
			RC-01		0 1 2 3 4				
			RC-01		0 1 2 3 4				
			RC-01		0 1 2 3 4				
			RC-01		0 1 2 3 4				
			KEC/DEPT/HEC/F 01		EMC-01 to 05	40			
	Paper presentation by students	KEC/DEPT/SAP/F 01	SAP-01,04	50	0 1 2 3 4	133.33	*Journal publications need improvement. *Conference publications are high. *Project to paper conversion needs improvement *Patent with KEC affiliations needed.		
	Conversion of student projects into paper	KEC/DEPT/RC/F 01	RC-03		0 1 2 3 4				
	Quality Publications by faculty		RC-02		0 1 2 3 4				
	Books/Book chapters/Conference proceedings		RC-04		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	KEC/DEPT/IIPC/F 01	FST-06	20	0 1 2 3 4	80	FST - 06 . Should be maintained as per IATAC format.		
	Industrial Consultancy/Testing Works		IIPC-01,02,03		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/F 01	ASA-01 to 05	20	0 1 2 3 4	75	Internship Report quality needs improvement.		
	Inplant Training/Internship	KEC/DEPT/IPC/F 01	IPC-01 to 04		0 1 2 3 4				

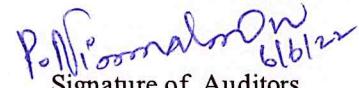
		MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		0 0	1 1	2 2	3 3	4 4		* MoUs available * PV files are verified
		Industrial visits arranged for students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0 0	1 1	2 2	3 3	4 4		
		Research Collaboration with other institution	KEC/DEPT/RC/F01	RND-08/IIPC-05		0 0	1 1	2 2	3 3	4 4		
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,08		0 0	1 1	2 2	3 3	4 4		
											30	* Faculty visit to industries is poor * Increase ICo of
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 0	1 1	2 2	3 3	4 4		
		Laboratory Maintenance Records/Registers				0 0	1 1	2 2	3 3	4 4		
		Equipment working conditions/Calibration	KEC/DEPT/Lab	LT-01 to 09		0 0	1 1	2 2	3 3	4 4		
		Latest/Research Level equipments – Availability and Utilization				0 0	1 1	2 2	3 3	4 4		
		Utilization of budget	KEC/DEPT/HOD/F01, KEC/DEPT/DBC/F01	HOD-06 DBC-01 to 05	20	0 0	1 1	2 2	3 3	4 4	80	Verified
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0 0	1 1	2 2	3 3	4 4	80	Verified
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records		0 0	1 1	2 2	3 3	4 4		
		E-content development – Videos developed	KEC/DEPT/Lab	Records	30	0 0	1 1	2 2	3 3	4 4	120	Verified
5.	Student Support and Progression (100)	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04		0 0	1 1	2 2	3 3	4 4		
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0 0	1 1	2 2	3 3	4 4		
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04		0 0	1 1	2 2	3 3	4 4		
		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		
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0 0	1 1	2 2	3 3	4 4		
		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	0 0	1 1	2 2	3 3	4 4	60	Proof need to be updated (Count available)
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0 0	1 1	2 2	3 3	4 4	40	OK – Available
6.	Governor	SWOT Analysis – Review	KEC/DEPT/HOD/	HOD-02	20	0 0	1 1	2 2	3 3	4 4		

ce, Leadership and Management (100)	Meeting	F01											ventred
	Academic Audit –Action Taken	KEC/DEPT/IQAC /F01	IQI-01, 02, 04, QP-00		0	1	2	3	4	80			ventred
	Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/ F01	HOD-02		20	0	1	2	3	4	80		Review meetings conducted
	Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F 01	FST-01,03, 04		20	0	1	2	3	4	80		Good
	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	4	0		* Needs serious attention
	Parents-Teachers Meeting	KEC/DEPT/PRM/ F01	PRO-02 to 04		20	0	1	2	3	4	80		NA
7.	Department Best Practices	File	Proof		30	0	1	2	3	4	120		Case Studies in curriculum -
	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	200		Students involvement is good .
	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	80		Dream placement option - NPTEL .
	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	136.92 547.67	0.9128 3.65	CD-PO Mapping needs improvement

2.	Teaching –Learning Process	300	<del>1042</del>	<del>3.47</del>	* min. no. ICT tool proof * PO Achievement calculation to be relooked
3.	Research, Innovation and Extension	150	<del>491.66</del>	<del>3.28</del>	Patent weak.. Award & Recognition of Students / faculty data is less
4.	Infrastructure and Learning Resources	100	<del>392.50</del>	<del>3.92</del>	Cloud.
5.	Student Support and Progression	100	<del>253.33</del>	<del>2.53</del>	Placement Training records, Student Activity Points need to be strengthened
6.	Governance Leadership and Management	100	<del>320</del>	<del>3.20</del>	Skill upgradation of Non-teaching staff is nil.
7.	Institutional Values and Best Practices	100	<del>400</del>	<del>4.00</del>	Cloud.
<b>Total</b>		1000	<b>3447.16</b>	<b>3.45</b>	

  
 Signature of Department Coordinators  
 (with name)

1.   
 Signature of Auditors  
 (with name and dept.)  
**Dr. P. NIRMALA DEVI**

  
 for Head of the Department  
 (with seal)  
 7/6/22

DEPT. OF MANAGEMENT STUDIES  
 KONGU ENGINEERING COLLEGE,  
 THOOPUPALAYAM (PO)  
 PERUNDURAI (TK), ERODE - 638 060

2.   
**Dr. P. SEKAR KUMAR**

**3.45 out of 4.00**



### Audit Evaluation Sheet for the Academic Year 2021-2022(ODD)

Date of Audit :03.06.2022

Auditors Name and Designation : Dr.K.Prabhu, Associate Professor  
Mr.S.Sathish kumar, Assistant professor

Audited Department : 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	160	• Verified the Curriculum design process, BoS meeting minutes and syllabus implementation. • Improvement in regulations: % of Syllabus revision in R2020 - 51.15% • All data are available • Formats to be followed
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06		0	1	2	3	4		• No VAC conducted during 2021-22 (odd semester)
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10		0	1	2	3	4		• For 3 year course: Consultancy projects:13 Inhouse projects:15
		Minutes of BOS Meeting		CDC-08, 09		0	1	2	3	4		• For 2 year course: Consultancy projects:10 Inhouse projects:17
		Improvement in Regulations		CDC-11		0	1	2	3	4		• Mapping of Course Outcomes and Programme
		Value Added Courses – Organized and Participation of students	KEC/DEPT/NVA C/F01	NVC-01 to 06	30	0	1	2	3	4	60	• Graduate exit survey also to be increased.
		Student involvement in field projects/internships	KEC/DEPT/PC/F0 1	PC-05		0	1	2	3	4		• Mapping of Course Outcomes and Programme
		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	• No. of feedback inputs regarding curriculum received from employer and parents may be increased.
		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	TTI-01,02  KEC/DEPT/TTI/F 01	TTI-03 to 06, HOD-07			0	1	2	3	4	160	Outcomes to be done • Course End Survey also to be done. • Verified the course 20MCT15 Software Engineering Methodology (4 credit course)- Weekly 4 hours allotted • Weekly 3 hours allotted for 3 credit courses • Verified the details of skill matrix and time table format. All are available
		Allotment of adequate number of hours in time table for theory/practical/project					0	1	2	3	4		
2.	Teaching –Learning Process (300)	Student Enrolment & Improvement in Student Quality	HOD-03  KEC/DEPT/HOD/ F01	HOD-03  KEC/DEPT/HOD/ F01	20		0	1	2	3	4	70	• Student Enrolment and Student Teacher ratio verified and need clarification. • Adjunct Faculty not appointed.
		Student Teacher Ratio, Cadre Ratio & Adjunct Faculty					0	1	2	3	4		
		Structured Course Plan	CCO-01  KEC/DEPT/CCT/	Course File	100		0	1	2	3	4	350	• Course plan and CCM not available in odd semester due to single class • CO not mentioned in the CA Question Papers • Course delivery methods not available in the course file • Remedial Measures for Slow Learners verified • TCO-04 not available in test coordinator file. • Quality of Laboratory Manual to be improved • CO-PO analysis not yet completed for odd semester courses.
		Course Coordination Meeting					0	1	2	3	4		
		Course Delivery Methods – Use of ICT tools					0	1	2	3	4		
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/CCT/	Course File			0	1	2	3	4		
		Conduct of Continuous Assessment Tests					0	1	2	3	4		
		Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Course File			0	1	2	3	4	175	• Laboratory rubrics not available manual • Evaluation of Assignments & Tutorials verified • Evaluation of experiments
		Adequate number of Assignments and Tutorials					0	1	2	3	4		
		Laboratory Course Plan	LT-01  KEC/DEPT/CCL/	Course File			0	1	2	3	4		
		Quality of Laboratory Manual					0	1	2	3	4		
		Project Work Review Schedule	PR-01,02  KEC/DEPT/CCP/	Course File			0	1	2	3	4		
		Evaluation of CA Test papers					0	1	2	3	4		
		Evaluation of Assignments/Tutorials	Course File  KEC/DEPT/CCT/	Course File			0	1	2	3	4		
		Evaluating experiments –					0	1	2	3	4		

		Rubrics/Periodically									through rubrics to be followed
		Evaluation of Projects through Review – Rubrics followed	KEC/DEPT/CCP/	PR-02		0	1	2	3	4	
		Continuous Assessment Test – Analysis	KEC/DEPT/CLA/F01	CLA03XL-1		0	1	2	3	4	
		End Semester Result Analysis		CLA04XL-2,3		0	1	2	3	4	
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/POM/F01	POM-01 to 05	80	0	1	2	3	4	224
		Quality of Project Reports	KEC/DEPT/CCP/	Sample reports		0	1	2	3	4	
		PAC and QIC formulation and Meeting minutes	KEC/DEPT/HOD/F01	HOD-09 to 12		0	1	2	3	4	
		Student Feedback on Course	KEC/DEPT/IQI/F01	Feedback form and Action Taken	50	0	1	2	3	4	
		Student Feedback on Teachers		Feedback form and Action Taken		0	1	2	3	4	175
3.	Research, Innovation and Extension (150)	Seed money Proposals	KEC/DEPT/RC/F01	RC-01	20	0	1	2	3	4	
		Submission of Project Proposals		RC-01		0	1	2	3	4	53.33
		Research Grants received		RC-01		0	1	2	3	4	
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-01	20	0	1	2	3	4	
		Conference / seminar / workshop/FDP/SSTP organized		RC-01		0	1	2	3	4	40
		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/SAP/F01	SAP-01,04	50	0	1	2	3	4	
											• Paper presentation by

		Conversion of student projects into paper	KEC/DEPT/RC/F 01	RC-03		0	1	2	3	4	133.33	students: Total participation of students in co-curricular activities:72 students Total papers presented:33 • Total student projects: 41 • 23 projects converted to paper and 18 papers submitted to conferences. • Faculty publications: verified (Jan – Dec-2021) SCI-02 Scopus -08 (Jan – Dec-2022) SCI-05 Scopus -02
		Quality Publications by faculty		RC-02		0	1	2	3	4		
		Books/Book chapters/Conference proceedings		RC-04		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	46.67	• Book chapter published:04 • No innovation awards received by faculty • No patents filed
		Faculty as Resource persons		FST-06		0	1	2	3	4		• Faculty as Resource persons :02
		Industrial Consultancy/Testing Works	KEC/DEPT/IIPC/ F01	IIPC-01,02,03		0	1	2	3	4		• Industrial Consultancy activities: Generated an amount of Rs.5,60,000.00
		Corporate Training (IIPC/Other Grants)		IIPC-04		0	1	2	3	4		• No corporate training
		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/ F01	ASA-01 to 05	20	0	1	2	3	4	60	• No. of Association activities conducted:10
		Inplant Training/Internship	KEC/DEPT/IPC/F 01	IPC-01 to 04		0	1	2	3	4		• Verified the Internships projects
		MoUs signed and activities	KEC/DEPT/IIPC/ F01	IIPC-05		0	1	2	3	4		• No Inplant Training • No Industrial visit
		Industrial visits arranged for students	KEC/DEPT/IPC/F 01	IV-01 to IV-03		0	1	2	3	4		• MoU signed in 4 companies • Activites conducted through MoU signed companies: Guest lectures:04 Symposium:01
		Research Collaboration with other institution	KEC/DEPT/RC/F 01	RND-08/IIPC-05	10	0	1	2	3	4	20	• Research Collaboration with other institution:05
		Faculty interaction with industries	KEC/DEPT/IIPC/ F01	IIPC-01,08		0	1	2	3	4		• No Faculty interaction with industries
4.	Infrastructure and Learning	Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors,	KEC/DEPT/FMM/ 01	FMM-01 to 04	30	0	1	2	3	4		• Class rooms:13 • Faculty cabin-05

	Resources (100)	Printers, etc.								120	<ul style="list-style-type: none"> <li>• Projectors:06</li> <li>• Latest/Research Level equipments – Availability and Utilization : IoT Lab kits available in CTS Lab</li> </ul>	
		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	60	<ul style="list-style-type: none"> <li>• Budget utilized:</li> <li>Association :Rs.14,154.00</li> <li>R&amp;D :Nil</li> <li>Non-recurring:Rs.45666.00</li> <li>Recurring :Rs.7827.00</li> </ul>	
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	80	<ul style="list-style-type: none"> <li>• Department library registers available and verified</li> </ul>	
	5.	Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	4	120	<ul style="list-style-type: none"> <li>• No. of Computer Centres : 03</li> <li>• Verified the details of Computing Facilities - Maintenance and utilization</li> </ul>
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0	1	2	3	4		<ul style="list-style-type: none"> <li>• E-content development – Videos developed, materials and PPTs verified for the courses Big Data Analytics and Mathematical foundation for computer applications</li> </ul>
		Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	30	0	1	2	3	4	75	<ul style="list-style-type: none"> <li>• Two faculty members acted as course mentor for NPTEL</li> <li>• Verified the details of higher education and awareness programmes conducted through Higher education cell</li> </ul>	
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03	40	0	1	2	3	4	120	<ul style="list-style-type: none"> <li>• No. of Student participation in competitive examinations: 14 students appeared</li> <li>• Placement:</li> </ul>
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04		0	1	2	3	4		<ul style="list-style-type: none"> <li>2020 batch:43/100-43%</li> <li>2021 batch:45/91-49.45%</li> <li>2022 batch:82/96-85.42%</li> <li>Placement Percentage improved over last 3 years</li> </ul>
		Percentage of students placed (Improvement over 3 years)	KEC/DEPT/PC/F01	PC-06,07		0	1	2	3	4		
	Student Support and Progression (100)	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	0	• SAP - Not applicable for PG Students	
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4	40	No. of Alumni lecture:06 No. of Alumni meet:01	
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	60	Verified the SWOT analysis. Review meeting to be conducted for SWOT analysis	
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01, 02,04, QP-00		0	1	2	3	4		One academic audit conducted but no specific comments received	
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	60	• No CoE • No Collaboration with Foreign Universities • IoT Lab kits available in CTS Lab	
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4	80	• Verified the faculty training file. All data are available • No retention during 2021-22 odd semester	
		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	One supporting staff undergone for skill up-gradation	
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	0	No parents meeting conducted during 2021-22 odd semester	
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	3	4	90	• No specific best practices followed and contribution towards special programmes may be conducted in future • Fund contributed for Orphanage • But practices for Student Self learning like NPTEL courses are followed regularly.	
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	4	100		
		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	500	3.33	More No. of feed back has to be obtained from stake holders.
2.	Teaching -Learning Process	300	994	3.31	CO PO analyses has to be initiated.
3.	Research, Innovation and Extension	150	353.33	2.35	No. of research grants to be obtained from agencess No. of FDPs to be conducted.
4.	Infrastructure and Learning Resources	100	380	3.80	—
5.	Student Support and Progression	100	235	2.35	More no. of participation has to be initiated from students.
6.	Governance Leadership and Management	100	260	2.60	Parent-Teacher meeting has to be conducted once in a Semester
7.	Institutional Values and Best Practices	100	230	2.30	This is one of the major area where the department has to concentrate.
Total		1000	2952.33	2.95	—

M. Jayaprabha  
10/6/22

Signature of Department Coordinators  
(with name)

(Dr. M. JAGADESHwar)  
ASP/MCA

(M. KARTHIKEYAN )  
AP(CS-G) /MCA

1. K. Prabhu  
10/6/22  
2. G. Balaji  
10/6/22

Signature of Auditors  
(with name and dept.)

1. Dr. K. Prabhu  
ASP/EIE  
2. S. SATHLISUMAR  
AP/AUTO

Head of the Department  
(with seal)  
HEAD

DEPARTMENT OF COMPUTER APPLICATIONS  
SCHOOL OF COMPUTER TECHNOLOGY AND APPLICATIONS  
KONGU ENGINEERING COLLEGE  
THOPPUPALAYAM (PO)  
PERUNDURAI (TK), ERODE - 638 060

Dr. K. Prabhu  
13/6/22



Estd : 1984

### Audit Evaluation Sheet for the Academic Year 2021-2022(ODD)

Date of Audit : 04-06-2022

Auditors Name and Designation : Dr. T. Pradeep / CIVIL & Dr. T. ABIRAMI / IT

Audited Department : COMPUTER TECHNOLOGY - UG

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	Poverty of defining PEOs Verified. Structure of curriculum verified. CPC-06 - Not applicable 2 BOS meeting conducted Clas/b/2021/212/212022, Verified Block chain Techies
		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-11		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	Artificial Intelligence and Machine learning conducted (Not in Format) In addition Cisco Quality Augmented Reality (44)
		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	(0) CES-NIL Verified GES-NIL Employer Verified → Sargeant Parent meeting min - missing
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/F01	CDC-03,04, 06	40	0	1	2	3	4	160	Verified - Sample 20 BCT31, 18 BCT51 20 BCT32
		Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F01	TTI-01,02		0	1	2	3	4		Verified - Dr. C. N. Vanitha (17 SS)
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 06, HOD-07		0	1	2	3	4		Verified - 18 BCT51 - IOT (Project based) Dr. D. Nareshan - 20 BCT31 20 BCT32 - Verified
2.	Teaching	Student Enrolment &	KEC/DEPT/HOD/	HOD-03	20	0	1	2	3	4		Verified - re-bo, RS-47, CS-6 (student certified)

-Learning Process (300)	Improvement in Student Quality	F01		100	0	1	2	3	4		80	Required conti not met by ASP and professor - Verified
		KEC/DEPT/CCT/	HOD-04		0	1	2	3	4			
	Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		CCO-01		0	1	2	3	4			
	Structured Course Plan		CCO-02		0	1	2	3	4			
	Course Coordination Meeting	KEC/DEPT/CCT/	Course File		0	1	2	3	4			
	Course Delivery Methods – Use of ICT tools				0	1	2	3	4			
	Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/CCT/	Course File	100	0	1	2	3	4		390	20BCT32 - Verified 18BCT51 - Verified Roll no : 19WIR-4 (Slow learner) - Verified - 20BCL33 Verified - 20BCC31 LT-01 verified. Project form 2nd review (SS) Manual - checked Proj exibit checked
	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/	Course File		0	1	2	3	4			
	Adequate number of Assignments and Tutorials	KEC/DEPT/CCT/	Course File		0	1	2	3	4			
	Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		0	1	2	3	4			
	Quality of Laboratory Manual		Course File		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/	Course File	50	0	1	2	3	4		187.5	Lab format not followed 20BCT32 - Lab relevant verified Project Rubric Verified 29/04/21 - 2nd Review Verified
	Evaluation of Assignments/Tutorials		Course File		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/CLA/ F01	CLA03XL-1	80	0	1	2	3	4		240	AC-09C Verified (Labs) AC-09T Verified b.s.c(SS) Not in IWBAC former CAT-1 Verified Not followed – Direct & Indirect Tools. Fig no mixing – PAC & QIC multi verified.
	End Semester Result Analysis		CLA04XL-2,3		0	1	2	3	4			
	Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/POM/ F01	POM-01 to 05		0	1	2	3	4			
	Quality of Project Reports	KEC/DEPT/CCP/	Sample reports		0	1	2	3	4			
	PAC and QIC formulation and Meeting minutes	KEC/DEPT/HOD/ F01	HOD-09 to 12	50	0	1	2	3	4			
	Student Feedback on Course	KEC/DEPT/IQI/ F01	Feedback form and Action Taken		0	1	2	3	4			

		Student Feedback on Teachers		Feedback form and Action Taken		0	1	2	3	4	200	NC Verified
3.	Research, Innovation and Extension (150)	Seed money Proposals	KEC/DEPT/RC/F 01	RC-01	20	0	1	2	3	4	13.33	Nil
		Submission of Project Proposals		RC-01		0	1	2	3	4		3 Proposals Submitted
		Research Grants received		RC-01		0	1	2	3	4		Nil
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-01	20	0	1	2	3	4	20	1 Proposal submitted
		Conference / seminar / workshop/FDP/SSTP organized		RC-01		0	1	2	3	4		Nil
		Promotion of Start-ups	KEC/DEPT/HEC/ F01	EMC-01 to 05	10	0	1	2	3	4	20	Students participated in HEC activities
		Paper presentation by students		SAP-01,04	50	0	1	2	3	4	100	2 papers inside IFC 8 papers outside IFC → one of 5, 4 in Scopus
		Conversion of student projects into paper		RC-03		0	1	2	3	4		Scopus = 3, Scopus = 10, VIFC = 10
		Quality Publications by faculty		RC-02		0	1	2	3	4		Book 1, chapter 1
		Books/Book chapters/Conference proceedings		RC-04		0	1	2	3	4		Nil
		Patents filed/published/granted	KEC/DEPT/FST/F 01	Proof		0	1	2	3	4		Nil
		Awards for Innovation won by Teachers/Research scholars/Students/ Clubs		FST-05		0	1	2	3	4	40	Nil
		Faculty as Resource persons		FST-06		0	1	2	3	4		GL = 1, Reviewer - 1
		Industrial Consultancy/Testing Works	KEC/DEPT/IIPC/ F01	IIPC-01,02,03		0	1	2	3	4		Sri Balaji Meesal Balaji - S. Meesal - 5900/- Vehid. Corporate Trainin - NIL
		Corporate Training (IIPC/Other Grants)		IIPC-04		0	1	2	3	4		Corporate Trainin - NIL
		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/ F01	ASA-01 to 05	20	0	1	2	3	4	45	1. Guest Reviewer → 25 Programs
		Inplant Training/Internship	KEC/DEPT/IPC/F 01	IPC-01 to 04		0	1	2	3	4		Internship - 01

		MoUs signed and activities	KEC DEPT/IIPC/F01	IIPC-05		0 0	1 1	2 2	3 3	4 4		Activit only - no new verified MoU nil
		Industrial visits arranged for students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0 0	1 1	2 2	3 3	4 4		
		Research Collaboration with other institution	KEC/DEPT/RC/F01	RND-08/IIPC-05		0 0	1 1	2 2	3 3	4 4		Foreign university corbie, ching, Vietnam nil
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,08		0 0	1 1	2 2	3 3	4 4		15
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 0	1 1	2 2	3 3	4 4		verified
		Laboratory Maintenance Records/Registers	KEC/DEPT/Lab	LT-01 to 09		0 0	1 1	2 2	3 3	4 4		CC01, E-19H, files modified
		Equipment working conditions/Calibration				0 0	1 1	2 2	3 3	4 4		maintenance Register verified
		Latest/Research Level equipments – Availability and Utilization				0 0	1 1	2 2	3 3	4 4		IUT purchased recently for 3.7L
		Utilization of budget	KEC/DEPT/HOD/F01, KEC/DEPT/DBC/F01	HOD-06 DBC-01 to 05	20	0 0	1 1	2 2	3 3	4 4	80	Recurring -1L, spent = 0.16L NR = 8L, spent = 0.26L
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0 0	1 1	2 2	3 3	4 4	60	Student/Faculty Register verified
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records		0 0	1 1	2 2	3 3	4 4		System Release = 1L/b & verified
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0 0	1 1	2 2	3 3	4 4	120	E-Content Verified
5.	Student Support and Progression (100)	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04		0 0	1 1	2 2	3 3	4 4		90
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0 0	1 1	2 2	3 3	4 4		Alumni files verified Occ files verified Mentor file verified
		Student participation and success in competitive examinations	KEC/DEPT/HEC/F01	HEC-04		0 0	1 1	2 2	3 3	4 4		90 students appeared All cleared.
		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		116.6 Imp found 51 to 97 n 7.
		Percentage of students joined higher education	KEC/DEPT/HEC/F01	HEC-05		0 0	1 1	2 2	3 3	4 4		48.8% Students opted
		Students participation in Co/Extra-curricular activities (Culturals, Sports, etc.)	KEC/DEPT/SAP/F01	SAP-01 to 04	20	0 0	1 1	2 2	3 3	4 4	80	91 events participated
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0 0	1 1	2 2	3 3	4 4	30	A.AC Verified verified
6.	Governan	SWOT Analysis – Review	KEC/DEPT/HOD/	HOD-02	20	0 0	1 1	2 2	3 3	4 4		

ce, Leadership and Management (100)	Meeting	F01			0	1	2	3	4	80	verified
	Academic Audit –Action Taken	KEC/DEPT/IQAC /F01	IQI-01, 02,04, QP-00		0	1	2	3	4	80	verified
	Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/ F01	HOD-02		20	0	1	2	3	60	Strategic Development only verified & available
	Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F 01	FST-01,03, 04		20	0	1	2	3	80	NPTEL-1 Student Faculty, FDP 218 Industrial training -3 verified
	Faculty Qualification Improvement & Retention		Proof		20	0	1	2	3	80	nil
	Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F 01	FST-02		20	0	1	2	3	0	nil
7.	Parents-Teachers Meeting	KEC/DEPT/PRM/ F01	PRO-02 to 04		20	0	1	2	3	60	verified
	Department Best Practices	File	Proof		30	0	1	2	3	90	Students were trained by alumni
	Contribution towards Institutional Values and Social Responsibilities	File	Proof		50	0	1	2	3	116.5	— Programs conducted through alumni
	Contribution towards Special programmes	File	Proof		50	0	1	2	3	nil	
	Human values and Professional Ethics related activities	File	Proof		50	0	1	2	3	150	Students did not participated in events organised by college placements
	Contribution towards Institutional Distinctiveness	File	Proof		20	0	1	2	3	150	Students did not participated in events organised by college placements
	Practices for Student Self learning	File	Proof		20	0	1	2	3	150	Students did not participated in events organised by college placements

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	507	3.380	* Internship is very less * Graduate exit survey missing * parent teach meeting marks are not included

2.	Teaching -Learning Process	300	1097.5	3.68	Lab subvis were not followed. (*) No R&D Projects (*) No Sponsored Programme.
3.	Research, Innovation and Extension	150	253.3	1.688	-
4.	Infrastructure and Learning Resources	100	372.5	3.725	-
5.	Student Support and Progression	100	346.6	3.46	-
6.	Governance Leadership and Management	100	300.00	3.00	Skill upgradation required for Non-teaching staffs.
7.	Institutional Values and Best Practices	100	256.5	2.565	Seal
Total		1000	3133.4	3.068	

S. V. U  
8/6/22

Signature of Department Coordinators  
(with name)

[Mr. S. KAVITHA BHAKTA]

Ahu  
G. N. D

Signature of Auditors  
(with name and dept.)

Dr. G. Pradeep  
ASP / Civil

Dr. T. ABINASHI  
ASP / IT

Dr. Natesan  
gblm

Head of the Department  
(with seal)

Dr. P. Natesan  
Professor & Head  
Dept. of Computer Technology (UG)  
Kongu Engineering College  
Thoppupalayam (Po)  
Perundurai, Erode - 638 060



### Audit Evaluation Sheet for the Academic Year 2021-2022(ODD)

Date of Audit : 03.06.2022

Auditors Name and Designation : 1. Dr.P.Vishnu Raja/ CSE/Associate Professor  
2. C.Gomadurai / CHEM/Associate Professor

Audited Department : Computer Technology - PG

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	4	$4 \times 40 = 160$
		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-11		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		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	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/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 06, HOD-07		0	1	2	3	4		

S.No	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	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	3.8	$3.8 \times 100 = 380$
		Course Coordination Meeting		CCO-02		0	1	2	3	4		
		Course Delivery Methods – Use of ICT tools		Course File		0	1	2	3	4		
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/CCT/	Course File	100	0	1	2	3	4	3.8	$3.8 \times 100 = 380$
		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/	Course File		0	1	2	3	4		
		Adequate number of Assignments and Tutorials	KEC/DEPT/CCT/	Course File		0	1	2	3	4		
		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		0	1	2	3	4		
		Quality of Laboratory Manual		Course File		0	1	2	3	4		
		Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02	50	0	1	2	3	4	3.75	$3.75 \times 50 = 187.5$
		Evaluation of CA Test papers	KEC/DEPT/CCT/	Course File		0	1	2	3	4		
		Evaluation of Assignments/Tutorials		Course File		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/CLA/F01	CLA03XL-1	80	0	1	2	3	4	3.4	$3.4 \times 80 = 272$
		End Semester Result Analysis		CLA04XL-2,3		0	1	2	3	4		
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/POM/F01	POM-01 to 05		0	1	2	3	4		

S.No	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)					Weighted Average	Observations
3.	Research, Innovatio n and Extension (150)	Quality of Project Reports	KEC/DEPT/CCP/	Sample reports	50	0	1	2	3	4	4	$4 \times 50 = 200$
		PAC and QIC formulation and Meeting minutes	KEC/DEPT/HOD/F01	HOD-09 to 12		0	1	2	3	4		
		Student Feedback on Course	KEC/DEPT/IQI/F01	Feedback form and Action Taken		0	1	2	3	4		
		Student Feedback on Teachers		Feedback form and Action Taken		0	1	2	3	4		
		Seed money Proposals	KEC/DEPT/RC/F01	RC-01		0	1	2	3	4		$1 \times 20 = 20$
		Submission of Project Proposals		RC-01		0	1	2	3	4		
		Research Grants received		RC-01		0	1	2	3	4		
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-01		0	1	2	3	4		$1.5 \times 20 : 30$
		Conference / seminar / workshop/FDP/SSTP organized		RC-01		0	1	2	3	4		
		Promotion of Start-ups	KEC/DEPT/HEC/F01	EMC-01 to 05	10	0	1	2	3	4	3	$3 \times 10 = 30$
		Paper presentation by students	KEC/DEPT/SAP/F01	SAP-01,04	50	0	1	2	3	4	1.67	$1.67 \times 50 : 83.5$
		Conversion of student projects into paper	KEC/DEPT/RC/F01	RC-03		0	1	2	3	4		
		Quality Publications by faculty		RC-02		0	1	2	3	4		
		Books/Book chapters/Conference proceedings	KEC/DEPT/RC/F01	RC-04		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		

S.No	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)					Weighted Average	Observations	
4.	Infrastructure and Learning Resources (100)	Faculty as Resource persons		FST-06	20	0	1	2	3	4	3.34	$3.34 \times 20 = 66.8$	
		Industrial Consultancy/Testing Works	KEC/DEPT/IIPC/F01	IIPC-01,02,03		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 05	20	0	1	2	3	4	3.5	$3.5 \times 20 = 70$	
		Inplant Training/Internship	KEC/DEPT/IIPC/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/IIPC/F01	IV-01 to IV-03		0	1	2	3	4			
		Research Collaboration with other institution	KEC/DEPT/RC/F01	RND-08/IIPC-05	10	0	1	2	3	4	3	$3 \times 10 = 30$	
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,08		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	3.5	$3.5 \times 80 = 105$	
		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	4	$4 \times 20 = 80$	
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	3	4	4	$4 \times 20 = 80$	
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	4	4	$4 \times 30 = 120$	
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0	1	2	3	4			
5.	Student Support	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	4	4	$4 \times 30 = 120$	

S.No.	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (0-Low score , 4- High score)					Weighted Average	Observations
5.	and Progression (100)	Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03	40	0	1	2	3	4	2.67	$2.67 \times 40 = 106.8$
		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	4	$4 \times 20 = 80$
		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	$4 \times 20 = 80$
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01, 02,04, QP-00		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	3	$3 \times 20 = 60$
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4	3.5	$3.5 \times 20 = 70$
		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	3	$3 \times 20 = 60$
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	4	$4 \times 20 = 80$
		Department Best Practices	File	Proof	30	0	1	2	3	4	4	$4 \times 30 = 120$
7.	Institutional Values and Best Practices (100)	Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	4	3	$3 \times 50 = 150$
		Contribution towards Special programmes	File	Proof		0	1	2	3	4		

S.No	Criteria (Max Mark)	Parameters	File Name	Formats	Max. Mark	Circle the score (Low score , 4- High score)					Weighted Average	Observations
		Human values and Professional Ethics related activities	File	Proof	20	0	1	2	3	4	3.5	$3.5 \times 20 = 70$
		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	560	3.73	
2.	Teaching –Learning Process	300	1119.5	3.73	No proper document for indirect assessment documents signed without date.
3.	Research, Innovation and Extension	150	380.3	2.20	Students project to paper is insufficient.
4.	Infrastructure and Learning Resources	100	385	3.85	
5.	Student Support and Progression	100	346.8	3.47	Participation in competitive exam is not enough.
6.	Governance Leadership and Management	100	350	3.5	
7.	Institutional Values and Best Practices	100	340	3.4	
Total		1000	3,437.1	23.88	

C. Jai ~~Jul 8/6/22~~  
Signature of Department Coordinators  
(with name)  
C. JAmunADEvi

1. GOTHAI (Dr. C. GOMADHAN)

2. Munaya ~~Jul 8/6/22~~ (P. rukna Raja /CGE)  
Signature of Auditors  
(with name and dept.)

~~8/6/22~~  
Head of the Department  
(with seal)

Dr. E. GOTTHAI  
Associate Professor & Head  
Dept. of Computer Technology (PG)  
Kongu Engineering College  
Perundurai, Erode - 633060.  
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### Audit Evaluation Sheet for the Academic Year 2021-2022(ODD)

Date of Audit : 03/6/22

Auditors Name and Designation : DR. P. SUNDHARESALINGAM

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	
		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-11		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		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	
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/F01	CDC-03,04, 06	40	0	1	2	3	4	146	
		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 06, HOD-07		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		
	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		
	Course Coordination Meeting		CCO-02		0	1	2	3	4			
	Course Delivery Methods – Use of ICT tools		Course File		0	1	2	3	4			
	Continuous Assessment (CA) Test Question Paper standards		KEC/DEPT/CCT/		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/	Course File		0	1	2	3	4			
	Adequate number of Assignments and Tutorials	KEC/DEPT/CCT/	Course File		0	1	2	3	4			
	Laboratory Course Plan	KEC/DEPT/CCL/	LT-01		0	1	2	3	4	1375		
	Quality of Laboratory Manual		Course File		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/	Course File	50	0	1	2	3	4			
	Evaluation of Assignments/Tutorials		Course File		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/CLA/ F01	CLA03XL-1	80	0	1	2	3	4	240		
	End Semester Result Analysis		CLA04XL-2,3		0	1	2	3	4			
	Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/POM/ F01	POM-01 to 05		0	1	2	3	4			
	Quality of Project Reports	KEC/DEPT/CCP/	Sample reports		0	1	2	3	4			
	PAC and QIC formulation and Meeting minutes	KEC/DEPT/HOD/ F01	HOD-09 to 12		0	1	2	3	4			

		Student Feedback on Course	KEC/DEPT/IQI/ F01	Feedback form and Action Taken	50	0	1	2	3	4	200	
		Student Feedback on Teachers		Feedback form and Action Taken		0	1	2	3	4		
3.	Research, Innovation and Extension (150)	Seed money Proposals	KEC/DEPT/RC/F 01	RC-01	20	0	1	2	3	4	20	Submission of proposals can be improved
		Submission of Project Proposals		RC-01		0	1	2	3	4		
		Research Grants received		RC-01		0	1	2	3	4		
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-01	20	0	1	2	3	4	70	
		Conference / seminar / workshop/FDP/SSTP organized		RC-01		0	1	2	3	4		
		Promotion of Start-ups	KEC/DEPT/HEC/ F01	EMC-01 to 05	10	0	1	2	3	4	20	
		Paper presentation by students	KEC/DEPT/SAP/ F01	SAP-01,04	50	0	1	2	3	4	108.33	Paper presentations & Publications in SCI / Scopus can be improved
		Conversion of student projects into paper		RC-03		0	1	2	3	4		
		Quality Publications by faculty		RC-02		0	1	2	3	4		
		Books/Book chapters/Conference proceedings		RC-04		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	46.6	
		Faculty as Resource persons		FST-06		0	1	2	3	4		
		Industrial Consultancy/Testing Works	KEC/DEPT/IIPC/ F01	IIPC-01,02,03	20	0	1	2	3	4	46.6	
		Corporate Training (IIPC/Other Grants)		IIPC-04		0	1	2	3	4		

		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 05	20	0	1	2	<u>3</u>	4	35		
		Implant 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	RND-08/IIPC-05	10	<u>0</u>	1	2	3	4	0		
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,08		<u>0</u>	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	<u>4</u>	110		
		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				<u>0</u>	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	<u>3</u>	4	65		
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records	20	0	1	2	<u>3</u>	4	65		
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	<u>4</u>	105	more E-content videos can be developed.	
		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	1	<u>2</u>	3	4	30		
		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	more E-content videos can be developed.	
		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	40	
		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	70	
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQI-01, 02,04, QP-00		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	70	90
		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	50	0	1	2	3	4	50	Special programmes for higher education can 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	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	430	2.86	More awareness
2.	Teaching -Learning Process	300	957.5	3.19	Can be given
3.	Research, Innovation and Extension	150	299.9	1.99	to faculty on
4.	Infrastructure and Learning Resources	100	345	3.45	IQAC Formats
5.	Student Support and Progression	100	150	1.5	and procedures
6.	Governance Leadership and Management	100	180	1.8	
7.	Institutional Values and Best Practices	100	150	1.5	
<b>Total</b>		1000	2512.4	2.32	

Signature of Department Coordinators  
(with name)

[K. JEFFERSON]  
AP/English

Signature of Auditors  
(with name and dept.)

[Dr. P. SUNDHARESALINGAM]  
ASP / MBA

Head of the Department  
(with seal)

Dr. A. ROBBY SEBASTIAN CLEMENT  
ASSOCIATE PROFESSOR & HOD  
DEPT. OF ENGLISH  
KONGU ENGINEERING COLLEGE  
THOPPUPALAYAM (Po)  
PERUNDURAI, ERODE - 638 060



### Audit Evaluation Sheet for the Academic Year 2021-2022(ODD)

Date of Audit : 04.06.2022.

Auditors Name and Designation : Dr. K. GOMATHI, ASP, MTS

Audited Department : MATHEMATICS

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	—NA—	0	1	2	3	4	160	- NOT APPLICABLE
		Curriculum and syllabus – Planning and Implementation		CDC-03,04, 06	NA 40	0	1	2	3	4		- Minutes of Meeting Available
		Dissemination of regulation, curriculum & Syllabus		CDC-05, 10	—NA—	0	1	2	3	4		
		Minutes of BOS Meeting		CDC-08, 09		0	1	2	3	4		
		Improvement in Regulations		CDC-11	—NA—	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	—	Not Applicable
		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 included in 2020 syllabus
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/ F01	CDC-03,04, 06	—NA—	0	1	2	3	4	160	Not applicable.
		Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F 01	TTI-01,02	40	0	1	2	3	4		- Time Table available as per format
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 06, HOD-07		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	Document 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)	377.78	-Documents available & assessment marks are available in softcopy, since End Sem result has not published.
		Course Coordination Meeting		CCO-02		0	1	2	3	(4)		
		Course Delivery Methods – Use of ICT tools		Course File		0	1	2	(3)	4		
		Continuous Assessment (CA) Test Question Paper standards		KEC/DEPT/CCT/		0	1	2	3	(4)		
		Conduct of Continuous Assessment Tests	KEC/DEPT/TCO/F01	TCO-01 to 07		0	1	2	3	(4)		-Closed loop may be completed for slow learners.
		Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Course File		0	1	2	(3)	4		- Project review - not Applicable
		Adequate number of Assignments and Tutorials	KEC/DEPT/CCT/	Course File		0	1	2	3	(4)		- 6 Tutorials given - 20 NAC II - Matrices and Differential equation course file Verified. - Project - NA.
		Laboratory Course Plan		LT-01		0	1	2	3	(4)		200
		Quality of Laboratory Manual	KEC/DEPT/CCL/	Course File		0	1	2	3	(4)		- Result Copy of CAT available on Softcopy. - End Sem result has not published,
		Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02		0	1	2	3	4		320
		Evaluation of CA Test papers	KEC/DEPT/CCT/	Course File	50	0	1	2	3	(4)	320	- 20 NAC II - Matrices and Differential equation course file Verified. - Project - NA.
		Evaluation of Assignments/Tutorials		Course File		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/CLA/F01	CLA03XL-1	80	0	1	2	3	(4)	320	- Result Copy of CAT available on Softcopy. - End Sem result has not published,
		End Semester Result Analysis		CLA04XL-2,3		0	1	2	3	4		
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/POM/F01	POM-01 to 05		0	1	2	3	4		
		Quality of Project Reports	KEC/DEPT/CCP/	Sample reports		0	1	2	3	4		
		PAC and QIC formulation and Meeting minutes	KEC/DEPT/HOD/F01	HOD-09 to 12		0	1	2	3	4		

		Student Feedback on Course	KEC/DEPT/IQI/F01	Feedback form and Action Taken	50	0	1	2	3	4	200	Documents circulated for course as well as per teachers, as per format.
		Student Feedback on Teachers		Feedback form and Action Taken		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-01	KEC/DEPT/RC/F01	0	1	2	3	4	66.67	- No Seed money proposal. - 4 proposals submitted - No research grant received during Odd sems		
		RC-01		0	1	2	3	4				
		RC-01		0	1	2	3	4				
		RC-01		0	1	2	3	4				
		RC-01		0	1	2	3	4				
		RC-01		0	1	2	3	4				
	Promotion of Start-ups	KEC/DEPT/HEC/F01	EMC-01 to 05	10	0	1	2	3	4	-	NOT Applicable.	
	Paper presentation by students	KEC/DEPT/SAP/F01	SAP-01,04	—NA	0	1	2	3	4	175	Paper presentation by students - NA. (English Department is monitoring PPT) 78% of Ph.D. Holders and 67% of Non-Ph.D published papers - NO Book Publications - NO Patent. - Dr. K.V.Tamil Selvi got outstanding professional award	
	Conversion of student projects into paper	KEC/DEPT/RC/F01	RC-03	—NA	0	1	2	3	4			
	Quality Publications by faculty	KEC/DEPT/RC/F01	RC-02	—NA	0	1	2	3	4			
	Books/Book chapters/Conference proceedings	KEC/DEPT/RC/F01	RC-04	—NA	0	1	2	3	4			
	Patents filed/published/granted	KEC/DEPT/FST/F01	Proof	—NA	0	1	2	3	4			
	Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	KEC/DEPT/FST/F01	FST-05	—NA	0	1	2	3	4			
	Faculty as Resource persons	KEC/DEPT/FST/F01	FST-06	—NA	0	1	2	3	4	80	Faculty acted as resource person.	
	Industrial Consultancy/Testing Works	KEC/DEPT/IIPC/F01	IIPC-01,02,03	—NA	0	1	2	3	4			
	Corporate Training (IIPC/Other Grants)	KEC/DEPT/IIPC/F01	IIPC-04	—NA	0	1	2	3	4			

		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 05		20	0	1	2	3	4	80	- MATHS Club conducted programs, Implant Training, IV, MoU - Not Applicable.		
		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	RND-08/IIPC-05			0	1	2	3	4				
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,08			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	- Physical facility as per norms.		
		Laboratory Maintenance Records/Registers	KEC/DEPT/Lab	LT-01 to 09			0	1	2	3	4		- Maintenance records are available as per format		
		Equipment working conditions/Calibration					0	1	2	3	4		no equipment available, MATLAB SW is available,		
		Latest/Research Level equipments – Availability and Utilization					0	1	2	3	4		- Documents available as per format.		
		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	list of books available			
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	4	120	- maintenance register available.			
		E-content development – Videos developed	KEC/DEPT/Lab	Records		0	1	2	3	4		- e-content available in website.			
5.	Student Support and Progression (100)	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	4	-	NOT Applicable.			
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	2	3	4		Not Applicable			
		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	NA	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	—	Available in English Department
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4	—	Not Applicable.
6.	Governance, Leadership and Management (100)	SWOT Analysis – Review Meeting	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	80	SWOT analysis available.
		Academic Audit – Action Taken	KEC/DEPT/IQAC/F01	IQI-01, 02, 04, QP-00		0	1	2	3	4		Academic Audit – Action taken - closed as per process due
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	—	NOT Applicable.
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4	80	FDP attended,
		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	not attended
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	60	Due to pandemic
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	3	4	—	Not applicable
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	4	—	Not applicable
		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	—	Not applicable,
		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	120	1480	4	Documents available as per format
2.	Teaching –Learning Process	300	1177.78	3.93	Remedial measures for slow learners to be closed.
3.	Research, Innovation and Extension	130	171.67	3.62	Research Contribution can be improved
4.	Infrastructure and Learning Resources	100	400	4	Good Infrastructure & learning Resources.
5.	Student Support and Progression	-	-	-	- Not Applicable -
6.	Governance Leadership and Management	80	280	3.5	Supporting staff can attend more training,
7.	Institutional Values and Best Practices	-	-	-	- not Applicable -
<b>Total</b>		730	2809.45	3.85	

  
 (Dr. R. Venila)  
 Signature of Department Coordinators  
 (with name)

  
 Dr. John  
 10/6/22  
 Signature of Auditors  
 (with name and dept.)

(Dr. K. Gomathi)  
 ASP / MTS

  
 R. Viswanathan  
 10/6/22  
 Head of the Department  
 (with seal)  
**Dr. R. VISWANATHAN, M.Sc., M.Phil., Ph.D**  
 PROFESSOR AND HEAD  
 DEPARTMENT OF MATHEMATICS  
 SCHOOL OF SCIENCE AND HUMANITIES  
 KONGU ENGINEERING COLLEGE  
 PERUNDURAI, ERODE - 638 052.



Estd : 1984

### Audit Evaluation Sheet for the Academic Year 2021-2022(ODD)

Date of Audit : 6.6.2022

Auditors Name and Designation : Dr. A. Sudha, Associate Professor/ FT

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 ✓ CDC-03,04, 06 ✓ CDC-05, 10 ✓ CDC-08, 09 ✓ CDC-11 ✓	40	0 1 2 3 (4)	12 x 40 3 = 160	NA NA NA NA
		Curriculum and syllabus – Planning and Implementation		0 1 2 3 (4)				
		Dissemination of regulation, curriculum & Syllabus		0 1 2 3 4				
		Minutes of BOS Meeting		0 1 2 3 (4)				
		Improvement in Regulations		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 NA
		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 Faculty & student feedback available.
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/ F01	CDC-03,04, 06 ✓	40	0 1 2 3 (4)	12 x 40 3 = 160	— Academic in formats TTI-01-04 TTI-05-07
		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 06, HOD-07 ✓		0 1 2 3 (4)		

2.	Teaching -Learning Process (300)	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/F01	HOD-03 ✓	20	0		2	3	4	$\frac{8 \times 20}{2} = 80$	20:1 STR.
		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		20 PHTII Applied Physics class: Auto i/c - C.Karthigay K level not mentioned in lecture plan for CAT AC & HOD - sign not in CCO minutes In CAT & P, K level is not matching with syllabus.
		Course Coordination Meeting		CCO-02 ✓		0	1	2	3	4		
		Course Delivery Methods – Use of ICT tools		Course File ✓		0	1	2	3	4		
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/CCT/	Course File ✓	seen	0	1	2	3	4	367	20 PHTII Applied Physics class: Auto i/c - C.Karthigay K level not mentioned in lecture plan for CAT AC & HOD - sign not in CCO minutes In CAT & P, K level is not matching with syllabus.
		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/	Course File ✓		0	1	2	3	4		
		Adequate number of Assignments and Tutorials	KEC/DEPT/CCT/	Course File ✓		0	1	2	3	4		
		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01 ✓		0	1	2	3	4		
		Quality of Laboratory Manual		Course File ✓		0	1	2	3	4		
		Project Work Review Schedule	KEC/DEPT/CCP/	PR-01,02	seen	0	1	2	3	4	NA	20 PHLII -Physical Sciences Lab file class: Auto i/c: C.Karthigay
		Evaluation of CA Test papers	KEC/DEPT/CCT/	Course File ✓		0	1	2	3	4		
		Evaluation of Assignments/Tutorials		Course File ✓		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	NA	
		Continuous Assessment Test – Analysis	KEC/DEPT/CLA/F01	CLA03XL-1	50	0	1	2	3	4		12 x 50 3 = 200
		End Semester Result Analysis		CLA04XL-2,3		0	1	2	3	4		
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/POM/F01	POM-01 to 05		0	1	2	3	4	NA	
		Quality of Project Reports	KEC/DEPT/CCP/	Sample reports		0	1	2	3	4		
		PAC and QIC formulation and Meeting minutes	KEC/DEPT/HOD/F01	HOD-09 to 12 ✓	80	0	1	2	3	4	NA	Test Analysis & PoA Handout PoA - not in IQAC format. Experts from other dept not included as a member
						0	1	2	3	4		

		Student Feedback on Course	KEC/DEPT/IQI/F01	Feedback form and Action Taken	50	0	1	2	3	4	$\frac{8}{2} \times 50$ = 200	10 Apples 1107
		Student Feedback on Teachers		Feedback form and Action Taken		0	1	2	3	4	$\frac{2}{3} \times 20$ = 13.33	
3. Research, Innovation and Extension (150)	Seed money Proposals	RC-01	KEC/DEPT/RC/F01		20	0	1	2	3	4	$\frac{6}{3} \times 20$ = 40	2 seed money proposal submitted 1 R&D proposal Submitted
	Submission of Project Proposals	RC-01				0	1	2	3	4	$\frac{3}{4} \times 20$ = 15	
	Research Grants received	RC-01				0	1	2	3	4	$\frac{1}{2} \times 20$ = 10	
	Conference / seminar / workshop/FDP/STTP proposals submitted	RC-01				0	1	2	3	4	$\frac{1}{2} \times 20$ = 10	1 Proposal submitted
	Conference / seminar / workshop/FDP/SSTP organized	RC-01				0	1	2	3	4	$\frac{1}{2} \times 20$ = 10	1 Program conducted in even sem.
	Promotion of Start-ups	KEC/DEPT/HEC/F01	EMC-01 to 05	10	0	1	2	3	4	NA		
	Paper presentation by students	KEC/DEPT/SAP/F01	SAP-01,04	KEC/DEPT/RC/F01	50	0	1	2	3	4	NA	14 sci, 15 scopus 8 - Conference papers 2 - books 2 - book chapters 1 - patent published
	Conversion of student projects into paper	RC-03				0	1	2	3	4	NA	
	Quality Publications by faculty	RC-02				0	1	2	3	4	NA	
	Books/Book chapters/Conference proceedings	RC-04				0	1	2	3	4	$\frac{10}{4} \times 50$ = 125	
	Patents filed/published/granted	Proof				0	1	2	3	4		
	Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	FST-05	KEC/DEPT/FST/F01		20	0	1	2	3	4	$\frac{5}{3} \times 20$ = 33.33	To be updated in IATC format 1 Training conducted.
	Faculty as Resource persons	FST-06				0	1	2	3	4	$\frac{3}{4} \times 20$ = 15	
	Industrial Consultancy/Testing Works	IIPC-01,02,03	KEC/DEPT/IIPC/F01		20	0	1	2	3	4	$\frac{2}{3} \times 20$ = 13.33	1 Training conducted.
	Corporate Training (IIPC/Other Grants)	IIPC-04				0	1	2	3	4	$\frac{1}{2} \times 20$ = 10	

		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 05	20	0	0	2	3	4	NA		
		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		
		Research Collaboration with other institution	KEC/DEPT/RC/F01	RND-08/IIPC-05		0	1	2	3	4	$\frac{3 \times 10}{2} = 15$	verified.	
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,08 ✓		0	1	2	3	4	$\frac{3 \times 10}{2} = 15$	✓ 25-3	
4.	Infrastructure and Learning Resources (100)	Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/F01	FMM-01 to 04 ✓	30	0	1	2	3	4	$\frac{16 \times 30}{4} = 120$	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	$\frac{3 \times 20}{4} = 60$	23.38 lacs utilized.	
		Department Library – Maintenance and utilization	KEC/DEPT/Lab	Records ✓	20	0	1	2	3	4	60		
		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	120	✓ 360 verified.	
5.	Student Support and Progression (100)	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	4	NA		
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	2	3	4	NA		
		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	NA	
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4	NA	
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, 02,04, QP-00	20	0	1	2	3	4	80	-
		Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	KEC/DEPT/HOD/F01	HOD-02	20	0	1	2	3	4	-	Not done
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4		-
		Faculty Qualification Improvement & Retention		Proof	20	0	1	2	3	4	60	
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	4	40	1 staff undergone Train Not in IQAC format.
7.	Institutional Values and Best Practices (100)	Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	60	1 meeting/year
		Department Best Practices	File	Proof	30	0	1	2	3	4	60	Model based Teaching
		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	20	0	1	2	3	4		
		Contribution towards Institutional Distinctiveness	File	Proof		0	1	2	3	4	-	-
		Practices for Student Self learning	File	Proof		0	1	2	3	4	60	

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	400	2.66	Feedback from Alumni, Employers Data to maybe collected
2.	Teaching –Learning Process	300	1167	3.69	-
3.	Research, Innovation and Extension	150	253.3	1.68	Publication is good. Proposals Submission is low
4.	Infrastructure and Learning Resources	100	360	3.6	-
5.	Student Support and Progression	100	-	-	-
6.	Governance Leadership and Management	100	240	2.4	-
7.	Institutional Values and Best Practices	100	60	0.6	-
Total		1000		2.43	

✓/1/16  
Signature of Department Coordinators  
(with name)

Dr. K. Devar / Physics

Signature of Auditors  
(with name and dept.)

As. A. Sudha/ET

g Jayaram  
Head of the Department  
(with seal)

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



### Audit Evaluation Sheet for the Academic Year 2021-2022(ODD)

Date of Audit : 01. 06. 2022

Auditors Name and Designation : Dr. S. KAVITHA BHARATHI / ASP

Audited Department : S&H (CHEMISTRY)

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 review.  Meeting minutes review Y- of improvement review
		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-11		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	0	Value added courses – n/a  Not Applicable – field projects & Intern NA
		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	80	Course End Survey Analysis not done. Employer, GES, Parent feedback not available.
		Mapping of Course Outcomes and Programme Outcomes	KEC/DEPT/CDC/F01	CDC-03,04, 06		0	1	2	3	4		Verified
		Allotting courses to faculty based on expertise	KEC/DEPT/TTI/F01	TTI-01,02	40	0	1	2	3	4	160	Skill matrix - Time table verified
		Allotment of adequate number of hours in time table for theory/practical/project		TTI-03 to 06, HOD-07		0	1	2	3	4		Adequate no. of hrs verified.
2.	Teaching -Learning Process (300)	Student Enrolment & Improvement in Student Quality	KEC/DEPT/HOD/F01	HOD-03	20	0	1	2	3	4	80	Student enrollment verified.
		Student Teacher Ratio, Cadre Ratio & Adjunct Faculty		HOD-04		0	1	2	3	4		Verified.
		Structured Course Plan	KEC/DEPT/CCT/	CCO-01		0	1	2	3	4		Course plan verified - ECEA - docyt II CCO 02 not in format
		Course Coordination Meeting		CCO-02		0	1	2	3	4		
		Course Delivery Methods – Use of ICT tools		Course File		0	1	2	3	4		
		Continuous Assessment (CA) Test Question Paper standards	KEC/DEPT/CCT/	Course File	100	0	1	2	3	4	350	verified - ICT tool usage eppt verified.
		Conduct of Continuous Assessment Tests	KEC/DEPT/TCO/F01	TCO-01 to 07		0	1	2	3	4		Verifying Test correction file verified.
		Remedial Measures for Slow Learners	KEC/DEPT/CCT/	Course File		0	1	2	3	4		
		Adequate number of Assignments and Tutorials	KEC/DEPT/CCT/	Course File		0	1	2	3	4		2IMTR015 - Ananya K-S verified.
						0	1	2	3	4		20CYT 118 Applied Chemistry K. Yoganathan file verified.

		Laboratory Course Plan	KEC/DEPT/CCL/	LT-01			0	1	2	3	4	20PHL11- Physical science lab-1 verified 20MTR027-verified Project work - NOT Applicable .
		Quality of Laboratory Manual		Course File			0	1	2	3	4	
		Project Work Review Schedule		KEC/DEPT/CCP/			0	1	2	3	4	
		Evaluation of CA Test papers	KEC/DEPT/CCT/	Course File		50	0	1	2	3	4	Test paper verified. Rubric followed 21MTR027 - record note verified. NA Not in format Not yet published previous yr. verified not informed Attainment calculation not done for 20-21 AY. — NA — Not followed
		Evaluation of Assignments/Tutorials		Course File			0	1	2	3	4	
		Evaluating experiments – Rubrics/Periodically	KEC/DEPT/CCL/	Lab Manual		50	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/CLA/F01	CLA03XL-1		80	0	1	2	3	4	
		End Semester Result Analysis		CLA04XL-2,3			0	1	2	3	4	
		Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	KEC/DEPT/POM/F01	POM-01 to 05		80	0	1	2	3	4	100
		Quality of Project Reports	KEC/DEPT/CCP/	Sample reports			0	1	2	3	4	100
		PAC and QIC formulation and Meeting minutes	KEC/DEPT/HOD/F01	HOD-09 to 12			0	1	2	3	4	100
		Student Feedback on Course	KEC/DEPT/IQI/F01	Feedback form and Action Taken		50	0	1	2	3	4	ECE / Applied chemistry Ms. A. Revathi- Verified
		Student Feedback on Teachers		Feedback form and Action Taken			0	1	2	3	4	
3.	Research, Innovation and Extension (150)	Seed money Proposals	KEC/DEPT/RC/F01	RC-01		20	0	1	2	3	4	n/a 11 Submitted for 22.
		Submission of Project Proposals		RC-01			0	1	2	3	4	

		Research Grants received		RC-01		0	1	2	3	4		new-nil 1 ongoing - 3 yrs. AICTE RPS Br-p Manikam
		Conference / seminar / workshop/FDP/STTP proposals submitted		RC-01		0	1	2	3	4		9 submitted
		Conference / seminar / workshop/FDP/SSTP organized		RC-01	20	0	1	2	3	4	10	3-Sponsored ( feedback analysis need to done ) 3-online self supporting journal.
		Promotion of Start-ups	KEC/DEPT/HEC/F01	EMC-01 to 05	10	0	1	2	3	4	0	n/a
		Paper presentation by students	KEC/DEPT/SAP/F01	SAP-01,04		0	1	2	3	4		Paper presented & evaluated by Eng-dept. Valid.
		Conversion of student projects into paper	KEC/DEPT/RC/F01	RC-03		0	1	2	3	4		-NA-
		Quality Publications by faculty		RC-02		0	1	2	3	4		5 papers published
		Books/Book chapters/Conference proceedings		RC-04		0	1	2	3	4		n/a
		Patents filed/published/granted		Proof		0	1	2	3	4		n/a
		Awards for Innovation won by Teachers/Research scholars/Students/ Clubs	KEC/DEPT/FST/F01	FST-05		0	1	2	3	4		3 Awards received by 2 faculty - Valid.
		Faculty as Resource persons		FST-06		0	1	2	3	4		3 GCL program - Valid
		Industrial Consultancy/Testing Works	KEC/DEPT/IIPC/F01	IIPC-01,02,03		0	1	2	3	4	53	IIPC 01,02 Valid 03-n/a
		Corporate Training (IIPC/Other Grants)		IIPC-04		0	1	2	3	4		n/a
		Association activities / Clubs/Professional Societies	KEC/DEPT/ASA/F01	ASA-01 to 05		0	1	2	3	4		Scientium Conducted by SRT
		Inplant Training/Internship	KEC/DEPT/IIPC/F01	IPC-01 to 04		0	1	2	3	4	10	-NA-
		MoUs signed and activities	KEC/DEPT/IIPC/F01	IIPC-05		0	1	2	3	4		n/a

		Industrial visits arranged for students	KEC/DEPT/IPC/F01	IV-01 to IV-03		0	1	2	3	4		NA
		Research Collaboration with other institution	KEC/DEPT/RC/F01	RND-08/IIPC-05		0	1	2	3	4		2 papers published with other institutions.
		Faculty interaction with industries	KEC/DEPT/IIPC/F01	IIPC-01,08		0	1	2	3	4		n/a
4.	Infrastructure and Learning Resources (100)	Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	KEC/DEPT/FMM/01	FMM-01 to 04	10	0	1	2	3	4		FMM -04 not completed
		Laboratory Maintenance Records/Registers				0	1	2	3	4		LT-01 to 09 verified.
		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	Budget utilization file verified /29.38,647/-
		Department Library – Maintenance and utilization				0	1	2	3	4	80	Lib -allen note verified.
		Computing Facilities - Maintenance and utilization	KEC/DEPT/Lab	Records	30	0	1	2	3	4	120	Computing facilities verified.
		E-content development – Videos developed	KEC/DEPT/Lab	Records	30	0	1	2	3	4	0	E-content verified water & mineral resources Ms. Kousalya verified.
5.	Student Support and Progression	Skill Development Lectures/Courses/Mentoring	KEC/DEPT/PC/F01	PC-04	30	0	1	2	3	4	0	Mentoring not followed.
		Awareness programmes on Higher Education	KEC/DEPT/HEC/F01	HEC-01 to 03		0	1	2	3	4		NA .

	(100)	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	80	Students participated in Jaffna college activities very
		Alumni Visits, Meetings and Guest Lectures	KEC/DEPT/ALC/F01	ALC-01 to 05	10	0	1	2	3	4	-	NA
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 not conducted
		Academic Audit –Action Taken	KEC/DEPT/IQAC/F01	IQL-01, 02,04, QP-00		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	0	n/a
		Faculty Training – FDP/NPTEL/Industry	KEC/DEPT/FST/F01	FST-01,03, 04	20	0	1	2	3	4	70	FDP certificate verified.
		Faculty Qualification Improvement & Retention		Proof		0	1	2	3	4		3 applied for phD.
		Skill up-gradation training for Supporting Staff	KEC/DEPT/FST/F01	FST-02	20	0	1	2	3	4	60	Ms. S. Divya selvi verified training given by their own dept - even sem.
		Parents-Teachers Meeting	KEC/DEPT/PRM/F01	PRO-02 to 04	20	0	1	2	3	4	0	planned to conduct on
7.	Institutional Values and Best Practices (100)	Department Best Practices	File	Proof	30	0	1	2	3	4	0	n/a
		Contribution towards Institutional Values and Social Responsibilities	File	Proof	50	0	1	2	3	4	50	n/a

		Contribution towards Special programmes	File	Proof		0	1	2	3	4		m1
		Human values and Professional Ethics related activities	File	Proof		0	1	2	3	4		Environmental Science 20MNT31 courses offered to other dept.
		Contribution towards Institutional Distinctiveness	File	Proof	20	0	1	2	3	4		m1
		Practices for Student Self learning	File	Proof		0	1	2	3	4	10	Seminar, tutorial,

S.No.	Criteria	Maximum Marks (1)	Weighted Average Marks (2)	Grade Point Average (2/1)	Major Remarks / Comments
1.	Curricular Aspects	150	392	2.61	Value added course not conducted
2.	Teaching –Learning Process	300	919	3.06	Attainment calculation not in front
3.	Research, Innovation and Extension	150	313	2.08	Proposal submission may be increased.
4.	Infrastructure and Learning Resources	100	393	3.93	—
5.	Student Support and Progression	100	80	0.80	Mentoring system not followed
6.	Governance Leadership and Management	100	190	1.90	—
7.	Institutional Values and Best Practices	100	60	0.60	Concentrate more on Criteria 7.
Total		1000	2347	2.34	

1. *Dr. J. M. M. 10/6/22 (DR. K. MANSULA RANI)*

2. *R. T. M. S. 10/6/22 (R. TAMILSAI)*

Signature of Department Coordinators  
(with name)

*S. VELU*  
8/6/22

Signature of Auditors  
(with name and dept.)

[S. CAUVAJA BHARATHI]

*X. G. 13/6/22*

Head of the Department  
(with seal)

**HEAD**

**DEPARTMENT OF CHEMISTRY**  
**SCHOOL OF SCIENCE & HUMANITIES**  
**NGU ENGINEERING COLLEGE**  
**THOPPUPALAYAM (PO) PERUNDURAI (TQ), ERODE - 638 060**  
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