

## KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI – 638060  
INTERNAL QUALITY ASSURANCE CELL

### AUDIT EVALUATION SHEET



### Audit Evaluation Sheet for the Academic Year 2023-2024 (Inter Department)

Auditors Name and Designation : 1) Dr. K. Senthilkumar, ASP/FT  
2) Mr.S.Selvaraj, AP(SRG)/CSD

Date of Audit : 26.09.2024

Audited Department : AUTOMOBILE ENGINEERING

S.No.	Criteria (Max Mark)	Parameters	File Name Audited	Observations
1.	Curricular Aspects	1.1 Curriculum Design and Development process	CDC-01, CDC-02	Satisfactory
		1.2 Curriculum and syllabus – Planning and Implementation	CDC-03,04,06	Satisfactory
		1.3 Dissemination of regulation, curriculum & Syllabus	CDC-05,10	Satisfactory
		1.4 Minutes of BOS Meeting	CDC- 08,09	Satisfactory
		1.5 Revision in Elective courses	CDC-11	Only Elective Courses considered.
		1.6 Value Added Courses – Organized and Participation of students	NVC-01 To 06	Satisfactory
		1.7 Student involvement in field projects/internships	PR01, PC-05/PT-04*, PR-01*	Satisfactory
		1.8 Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	CDC-07A, 07C,07E,07F,07G, 07P	Satisfactory
		1.9 Mapping of Course Outcomes and Programme Outcomes	CDC-03,04, 06	Satisfactory
		1.10 Allotting courses to faculty based on expertise	TT1-01,02 / TT-01, 02*	Satisfactory
		1.11 Allotment of adequate number of hours in time table for theory/practical/project	TT1 -03,04,05/ TT-03-06*	Satisfactory
2.	Teaching –Learning Process	2.1 Student Enrolment & Improvement in Student Quality Enrolment Ratio = No. of seats filled / No of Seats Approved	HoD -03	Satisfactory
		2.2 Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HoD -04	Satisfactory
		2.3 Structured Course Plan	CCO-01/ AC03*	Satisfactory
		2.4 Course Coordination Meeting	CCO-02/ AC-01A, 02*	Not Applicable

		2.5 Class Monitoring Committee Meeting	FB 01A, 01*	Satisfactory
		2.6 Course Delivery Methods – Use of ICT tools / Outcome Based Teaching learning Report	AC-14(Course file)/ AC-03*	Satisfactory
		2.7 Continuous Assessment (CA) Test Question Paper standards	ACO -06 / TE-03*	Satisfactory
		2.8 Conduct of Continuous Assessment Tests	TCO -01 to 07 / TE-01* #	Satisfactory
		2.9 Evaluation of CA Test papers with Answer key	Course files	Satisfactory
		2.10 Adequate number of Assignments and Tutorials & Evaluation of Assignment & Tutorial	ACO-01, ACO-07/ Course file	Satisfactory
		2.11 Virtual Lab Experiments / Mini project based experiments - Experiments per course for 2 and 3 years	Course files	Satisfactory
		2.12 Micro projects in Theory Courses - Simulation / Project based Assessment for tutorials for 2 and 3 years / Semester	Course files	Satisfactory
		2.13 Field visits for courses - One day factory visits for Theory courses for self-learning in 2 and 3 year of study / dept.	Course files	Satisfactory
		2.14 Remedial Measures for Slow Learners with proof	Course file / AC12*, 13*	Satisfactory
		2.15 Laboratory Plan	LT-01/LT 03, LT04 / AC-09*, AC-10*	Satisfactory
		2.16 Quality of Laboratory Manual	LT-01*, Lab manuals / AC-11*/ Course file	Satisfactory
		2.17 Evaluating experiments – Rubrics/Periodically	AC11*, Course file for Lab	Satisfactory
		2.18 Project Work Review Schedule	PR02 / PR-01 to 04*	Satisfactory
		2.19 Quality of Project Reports	Project Reports	Satisfactory
		2.20 Evaluation of Projects through Review – Rubrics followed	PR-04*, PR-02*	Satisfactory
		2.21 Continuous Assessment Test Report and Consolidated Report	AC06*, AC07* (Inspiro plus)	Satisfactory
		2.22 End Semester Result Analysis	AC08*	Satisfactory
		2.23 PAC and QIC formulation and Meeting minutes	MM11- MM14*	Satisfactory
		2.24 Student Feedback on Course and Teacher	Course & teacher feedback	Satisfactory
		2.25 Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	PMO 01 to 05/ (2019-23 Batch) PO 01-08*	Verified CO PO analysis. Action Taken Needs to be done.
		2.26 Alumni - Graduate Exit survey for PO & PSOs at the end of the	Corresponding files	Satisfactory
		3.1 Seed money Proposals (student funding through IIC may be consider)	Corresponding files	Satisfactory
		3.2 Submission of Project Proposals	RC01/ RD01*	Need Improvement.
		3.3 Research Grants received	RD-10*	Not received any grant. It needs to initiated.
3.	Research, Innovation and Extension			

3.4 Conference / seminar / workshop/FDP/STTP proposals submitted	RC01/ RD01*	Only one Proposal submitted out 9 faculty. Encouraged to submit proposals by all faculty.
3.5 Conference / seminar / workshop/FDP/SSTP organized	RD09*	NIL. It is to be initiated.
3.6 Promotion of Start-ups	EMC-01 TO 05	Satisfactory
3.7 Conversion of student projects into paper / Patent	RD03*	Only 35% of projects converted into papers. Need improvement.
3.8 Quality Publications by faculty (SCI/Scopus)	RD02*	Satisfactory
3.9 Books/Book chapters/Conference/Patent filed/granted/Published by	RD04*	Satisfactory
3.10 Awards / Outside Interaction/ Collaboration of the faculty	RD05*	Satisfactory
3.11 PhD pursuing & Completed details	RD-07*	Satisfactory
3.12 Membership in Professional Bodies	RD-08*	Satisfactory
3.13 Students Enrollment Ph.D. - No of new students enrolled for the doctoral program	Corresponding files	Satisfactory
3.14 Minimum no of citations Faculty / dept/Academic year	Corresponding files	Consolidated details to be filed with proof.
3.15 PhD awarded - No of candidates/Year	Corresponding files	Satisfactory
3.16 Conferences attended - Faculty /Academic Year	Corresponding files	Consolidated details to be filed with proof.
3.17 Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department /Academic Year	Corresponding files	NIL. It is to be Initiated.
3.18 Industrial Consultancy/Testing Identification Report	IC 01*, IC-03*	Satisfactory
3.19 MoUs signed and activities Record	IC 02*	Activity details to be consolidated.
3.20 Industrial Training (IIPC/Other Grants)/ Self Supporting Program	IC- 04*	NIL. It is to be initiated.
3.21 In plant Training/Internship	IP -01*	Satisfactory
3.22 Industrial visits arranged for students	IV-01,02,03,04*	Satisfactory
3.23 Association activities / Clubs/Professional Societies/ Cell's	CA01 -CA04*	National Technical Symposium not conducted. All data verified in soft copy. Hard copy needs to be prepared.
3.24 No of News Letter	Minimum 4 per year	Satisfactory
3.25 Developmental activities - No of Activities / department /Academic Year Product Development (IIC, TBI, etc)		Activity details to be consolidated.

4.	Infrastructure and Learning Resources	4.1 Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	FMM-01 TO 04	Satisfactory
		4.2 Laboratory Maintenance Records/Registers	LT03, LT05, LT07*	Satisfactory
		4.3 Equipment working conditions/Calibration	LT05, LT06, LT08, LT09*	No calibration records found.
		4.4 Latest/Research Level equipments – Availability and Utilization	Stock & utilization register	Satisfactory
		4.5 Utilization of budget	BD01-BD03, MM23 – MM24*	Budget Not Utilized. Only 17% utilized. It can be utilized 100 %
		4.6 Department Library – Maintenance and utilization	Maintenance & utilization register/ Record	Satisfactory
		4.7 Computing Facilities - Maintenance and utilization	LT07	Satisfactory
		4.8 E-content development – Videos developed	Question banks PPT/ Records website link	Satisfactory
5.	Student Support and Progression	5.1 Placement details and training plan for Skill Development	PT 01- PT05*	Satisfactory
		5.2 Percentage of students placed (Improvement over 3 years)	PT 01-05*	57% of students placed. Needs to be improved as well as in Average Salary.
		5.3 Awareness programmes on Higher Education	HEC-01 TO 05	Student involvement to be improved.
		5.4 Student participation and success in competitive examinations	HEC -01 TO 05	Satisfactory
		5.5 Percentage of students joined higher education	HEC -04	For 2023-24 : Nil For 2022-23 : 2 Needs to be improved.
		5.6 Entrepreneurship - No of students attended trainings / Dept	Proof as per Quality plan	Satisfactory
		5.7 Entrepreneurship - No of startups/Dept	Proof	Satisfactory
		5.8 Student's participation in Co/Extra-curricular activities (Cultural, Sports, etc.) Paper Presentation/ Project Presentation	SAP files SAP 01 TO 04	Satisfactory
		5.9 Innovative projects development by students - No of projects developed / department / Academic Year	Proof as per Quality plan	Satisfactory
		5.10 Innovative projects development by students - No of projects presentation/ student/ Academic Year (through IIC/IEF)	Proof as per Quality plan	Satisfactory
		5.11 Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire course of study	Proof as per Quality plan	Relevant Proofs can be attached along with the consolidated list.
		5.12 Paper / Project presentation by students - Other Institutions Minimum presentation/ student / Academic Year	Proof as per Quality plan	Details of student participation with proof can be prepared.

		5.13 Paper / Project presentation by students - Within institution Minimum presentation/ student/ Academic Year	Proof as per Quality plan	Details of student participation with proof can be prepared.
		5.14 Student achievements and awards	Student paper & project files	Satisfactory
		5.15 Alumni Visits, Meetings and Guest Lectures	AL01 – AL04*	Satisfactory
		5.16 Student Mentoring Report	Corresponding file	Satisfactory
6.	Governance, Leadership and Management	6.1 SWOT Analysis – Review Meeting	HOD file / MM11 – MM14*	Satisfactory
		6.2 Academic Audit –Action Taken	IQ 04	Satisfactory
		6.3 Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	Corresponding file	No Centre of Excellence, Collaboration with Foreign Universities and New Course established in the department. It can be initiated.
		6.4 Faculty Training – FDP/NPTEL/Industry	TR01- TR03*	Satisfactory
		6.5 Faculty Qualification Improvement & Retention	Training file	Satisfactory
		6.6 Skill up-gradation training for Supporting Staff	TR-02	It is minimum. Can be improved.
		6.7 Day to Day Activities and Parents-Teachers Meeting	PRO-01 TO 04/ MM21*, MM22*	Satisfactory
		6.8 Department faculty meeting	MM19*, MM20*	Satisfactory
		7.1 Department Best Practices	IIPC file	Satisfactory
		7.2 Contribution towards Institutional Values and Social Responsibilities	CoE file	Satisfactory
7.	Institutional Values and Best Practices	7.3 Contribution towards Special programmes	Association file	Satisfactory
		7.4 Human values and Professional Ethics related activities	Association file	Satisfactory
		7.5 Contribution towards Institutional Distinctiveness	Corresponding file	Satisfactory
		7.6 Practices for Student Self learning	Corresponding file	Satisfactory

The following parameters are not applicable for S&H department 1.5,1.7,2.1,2.2,2.11,2.12,2.13,2.18,2.19,2.20,2.26,3.7,3.21,3.22,5.1 to 5.7,5.15

\* Even sem onwards

S.No.	Criteria	Major Remarks / Comments
1.	Curricular Aspects	Nil
2.	Teaching –Learning Process	Nil
3.	Research, Innovation and Extension	<b>Not received any R&amp;D grant. It needs to be initiated. Conference / seminar / workshop/FDP/STTP proposals submitted is very less. Needs to be improved. Conversion of student projects into paper / Patent is less. Needs to be improved. National Technical Symposium not conducted.</b>
4.	Infrastructure and Learning Resources	<b>Budget Not Utilized. Only 17% utilized. It can be utilized 100 %</b>
5.	Student Support and Progression	<b>57% of students placed. Needs to be improved as well as in Average Salary. Need Improvement in Higher Education.</b>
6.	Governance Leadership and Management	<b>No Centre of Excellence, Collaboration with Foreign Universities and New Course established in the department. It can be initiated.</b>
7.	Institutional Values and Best Practices	Nil
<b>Overall Comments</b>		<ul style="list-style-type: none"> <li>• Document presentation is Good. Need to concentrate on criteria 3,4,5, and 6 for the above-mentioned points.</li> <li>• Partial Content delivery by industry experts can be incorporated for atleast one course per semester.</li> </ul>

*K.S. (Signature) 26/9/14*

Department IQAC Coordinators  
(with name)

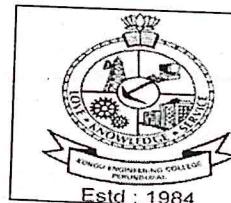
1) *26/9/14 (Dr. K. SENTHILVELU)*  
2) *26/9/14 (S. Selvaraj, AP CSR D/CDP)*  
Auditors  
(with name)

*M.P. 26/9/14*

Head of the Department  
(with seal)

IaAC

QR-10, Rev 0, 01.09.2024



**KONGU ENGINEERING COLLEGE**  
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**INTERNAL QUALITY ASSURANCE CELL**  
**NON CONFORMANCE REPORT**



**Department: Automobile Engineering**

**Date: 26.09.2024**

**Nonconformities**

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Curricular Aspects	Nil	Nil	Nil	Nil	Nil	Nil
2.	Teaching – Learning Process	Percentage of Pass in Each Course (CAT & ESE)	Most of the students participate in extracurricular activities and so there is regular absenteeism in the class	Special class will be conducted	Students will be restricted based on the results	All Faculties	2024-25 ODD Sem
3.	Research, Innovation and Extension	Submission of Project Proposals	Lack of department facilities	Department facilities to be improved in next academic year	--	All Faculties	31.05.2025
		Conference / seminar / workshop/FDP/STTP proposals submitted	Lack of department facilities	Department facilities to be improved in next academic year	--	All Faculties	31.05.2025
		Conference / seminar / workshop/FDP/SSTP organized	No proposals sent	Will send more proposals	--	All Faculties	31.05.2025

		Conversion of student projects into paper / Patent	Most of the journals are removed from scopus	Will motivate students to publish their papers through conference	Send papers to quality publishers	All Faculties 14.06.2025
		National Technical Symposium not conducted.	Auto Expo is conducted instead of National Technical Symposium	We will plan to conduct national level technical symposium this year	--	Association In charge 31.05.2025
		Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department / Academic Year	We haven't planned to visit the research laboratories	We will contact the research laboratories and visit them	--	All Faculties 31.05.2025
		Industrial Training (IIPC/Other Grants)/ Self Supporting Program	Industrial training or self-supporting program is not planned	Industrial training or self-supporting program will be planned and carried out	--	All Faculties 31.05.2025
4.	Infrastructure and Learning Resources	Utilization of budget	Equipment purchase for Engine lab is not approved by the management and it accounts around 60 – 70 % of the budget	We will plan the budget accordingly and utilize the budget efficiently	--	All Faculties 31.05.2025
5.	Student Support and Progression	57% of students placed. Needs to be improved as well as in Average Salary.	We have placed all the eligible students in the core company.	We will place the students in a company with high average salary	--	All Faculties 31.05.2025

		Percentage of students joined higher education.	Most of the core company offer very less average salary in the beginning.				
6.	Governance, Leadership and Management	Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	We have submitted the centre of excellence proposal in EV to management, but they didn't approve	We will plan for centre of excellence in other areas. We will collaborate with the foreign universities and plan for a new course		All Faculties	31.05.2025
7.	Institutional Values and Best Practices	Nil	Nil	Nil	Nil	Nil	Nil

Observations (Opportunities for improvement)

S.No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Teaching – Learning Process	Document related to Micro project enabled Theory Courses need to be improved.	Since it's a new item, we are not aware of the documents need to be maintained	We will maintain the documents related to micro project enable theory course	--	All Faculties	31.05.2025
2.	Institutional Values and Best Practices	Special programmes such as International World Automobile Day, Internal Sports Car Race Day, etc. can be conducted to add more value towards institution.	Due to more programmed lined up in association plan and since there is a restriction in the days for conducting the programme, we are unable to plan for extra events	We will include in the program plan of the department and conduct special programmes to improve the institutional values	--	Association and Professional Society in charge	31.05.2025

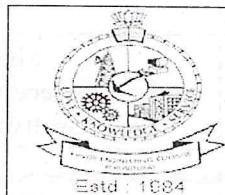
1) Observations (K. Senthilnayagam)

2) Auditor (S. Selvaraj)

Auditor's  
(Name with Designation & Dept.)

B.S. Kannanthan  
Dr. K.S. Karthik  
Auditee Dept. IQAC Co-Ordinator

My  
Signature  
Auditee Dept. HOD



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**AUDIT EVALUATION SHEET**



**Audit Evaluation Sheet for the Academic Year 2023-2024**  
**(Inter Department)**

Date of Audit : 25.09.2024

Auditors Name and Designation: Dr.S.Sasikala/ECE Audited Department : Civil Engineering  
 Mr.P.Karthikeyan/EEE

S.No.	Criteria (Max Mark)	Parameters	File Name Audited	Observations
1.	Curricular Aspects	1.1 Curriculum Design and Development process	CDC-01, CDC-02	Process verified
		1.2 Curriculum and syllabus – Planning and Implementation	CDC-03,04,06	Process verified
		1.3 Dissemination of regulation, curriculum & Syllabus	CDC-05,10	Process verified
		1.4 Minutes of BOS Meeting	CDC- 08,09	Internal -1 External – 2 meetings were conducted
		1.5 Revision in Elective courses	CDC-11	File verified
		1.6 Value Added Courses – Organized and Participation of students	NVC-01 To 06	2 Value added courses were conducted

	1.7 Student involvement in field projects/internships	PR01, PC-05/PT-04*, PR-01*	Survey camp and 25 members involved in intern
	1.8 Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	CDC-07A, 07C, 07E, 07F, 07G, 07P	File verified Feedback received and incorporated software courses
	1.9 Mapping of Course Outcomes and Programme Outcomes	CDC-03, 04, 06	File verified
	1.10 Allotting courses to faculty based on expertise	TT1-01, 02 / TT-01, 02*	Process verified
	1.11 Allotment of adequate number of hours in time table for theory/practical/project	TT1 -03, 04, 05/ TT-03-06*	Process verified
2.	Teaching –Learning Process	2.1 Student Enrolment & Improvement in Student Quality Enrolment Ratio = No. of seats filled / No of Seats Approved	HoD -03  Expected 60 but the actual level is 48 80% enrolment
		2.2 Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HoD -04  Adjunct faculty - Nil
		2.3 Structured Course Plan	CCO-01/ AC03*
		2.4 Course Coordination Meeting	CC0-02/ AC-01A, 02*
		2.5 Class Monitoring Committee Meeting	FB 01A, 01*  File not completed
		2.6 Course Delivery Methods – Use of ICT tools / Outcome Based Teaching learning Report	AC-14(Course file)/ AC-03*  20CEC61 File verified

	2.7 Continuous Assessment (CA) Test Question Paper standards	ACO -06 / TE-03*	Followed the procedure - File verified
	2.8 Conduct of Continuous Assessment Tests	TCO -01 to 07 / TE-01* #	TCO-01 TCO05 need to be completed
	2.9 Evaluation of CA Test papers with Answer key	Course files	20CEC31, 20CET71, 20CEC51 Course files were verified
	2.10 Adequate number of Assignments and Tutorials & Evaluation of Assignment & Tutorial	ACO-01, ACO-07/ Course file	20CEC31, 20CET71, 20CEC51 Course files were verified
	2.11 Virtual Lab Experiments / Mini project based experiments - Experiments per course for 2 and 3 years	Course files	20CEC51, 22CEL42 Courses verified
	2.12 Micro projects in Theory Courses - Simulation / Project based Assessment for tutorials for 2 and 3 years / Semester	Course files	20CEC61 course verified
	2.13 Field visits for courses - One day factory visits for Theory courses for self-learning in 2 and 3 year of study / dept.	Course files	20CET71, 20CEC51 Files verified
	2.14 Remedial Measures for Slow Learners with proof	Course file / AC12*, 13*	Files verified
	2.15 Laboratory Plan	LT-01/LT 03, LT04 / AC-09*, AC-10*	Verified
	2.16 Quality of Laboratory Manual	LT-01*, Lab manuals / AC-11*/ Course file	File verified
	2.17 Evaluating experiments – Rubrics/Periodically	AC11*, Course file for Lab	File verified

	2.18 Project Work Review Schedule	PR02 / PR-01 to 04*	File verified	
	2.19 Quality of Project Reports	Project Reports	File verified	
	2.20 Evaluation of Projects through Review – Rubrics followed	PR-04*, PR-02*	File verified (Personal Logbook for project not maintained)	
	2.21 Continuous Assessment Test Report and Consolidated Report	AC06*, AC07* (Inspro plus)	AC06 shown AC07 not completed	
	2.22 End Semester Result Analysis	AC08*	Not completed	
	2.23 PAC and QIC formulation and Meeting minutes	MM11- MM14*	File verified	
	2.24 Student Feedback on Course and Teacher	Course & teacher feedback	Action taken report verified Hod sign missing for odd semester	
	2.25 Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	PMO 01 to 05/ (2019-23 Batch) PO 01-08*	File not completed	
	2.26 Alumni - Graduate Exit survey for PO & PSOs at the end of the programme	Corresponding files	File not completed	
3.	Research, Innovation and Extension	3.1 Seed money Proposals (student funding through IIC may be consider)	Corresponding files	Nil
		3.2 Submission of Project Proposals	RC01/ RD01*	4 proposals submitted

	3.3 Research Grants received	RD-10*	Nil
	3.4 Conference / seminar / workshop/FDP/STTP proposals submitted	RC01/ RD01*	Out off 24 faculties 2 seminar proposals only submitted
	3.5 Conference / seminar / workshop/FDP/SSTP organized	RD09*	Nil
	3.6 Promotion of Start-ups	EMC-01 TO 05	Documents verified.
	3.7 Conversion of student projects into paper / Patent	RD03*	Student projects into paper-9 File verified
	3.8 Quality Publications by faculty (SCI/Scopus)	RD02*	SCI-22 Scopus-26 File verified
	3.9 Books/Book chapters/Conference/Patent filed/granted/Published by faculty	RD04*	Conference Paper-02 Book- Book chapters- Patent-02 File verified
	3.10 Awards / Outside Interaction/ Collaboration of the faculty	RD05*	Awards-3 Outside Interaction-31 File verified
	3.11 PhD pursuing & Completed details	RD-07*	PhD pursuing – 22 Completed - Nil File verified
	3.12 Membership in Professional Bodies	RD-08*	17-Faculty

	3.13 Students Enrollment Ph.D. - No of new students enrolled for the doctoral program	Corresponding files	14- students enrolled for the doctoral program for the academic year 2023-2024- document verified
	3.14 Minimum no of citations Faculty / dept/Academic year	Corresponding files	Academic year 2023-24 : 800-Verified
	3.15 PhD awarded - No of candidates/Year	Corresponding files	Nil
	3.16 Conferences attended - Faculty /Academic Year	Corresponding files	10 faculty attended
	3.17 Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department /Academic Year	Corresponding files	Nil
	3.18 Industrial Consultancy/Testing Identification Report	IC 01*, IC-03*	All the faculty involved in Testing & file verified
	3.19 MoUs signed and activities Record	IC 02*	MoUs signed-01
	3.20 Industrial Training (IIPC/Other Grants)/ Self Supporting Program	IC- 04*	Nil
	3.21 In plant Training/Internship	IP -01*	In plant Training -Nil, Internship -25 Internship file verified
	3.22 Industrial visits arranged for students	IV-01,02,03,04*	Nil

	3.23 Association activities / Clubs/Professional Societies/ Cell's	CA01 –CA04*	Association file & Ravivarma creative club file verified
	3.24 No of News Letter	Minimum 4 per year	4 newsletters - File verified
	3.25 Developmental activities - No of Activities / department /Academic Year Product Development (IIC, TBI, etc)		Rs.5,00,000 grant received from Yukti innovation
4. Infrastructure and Learning Resources	4.1 Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	FMM-01 TO 04	Corresponding files are verified
	4.2 Laboratory Maintenance Records/Registers	LT03, LT05, LT07*	Maintained in a separate document as per IQAC format
	4.3 Equipment working conditions/Calibration	LT05, LT06, LT08, LT09*	Maintained in a separate document as per IQAC format
	4.4 Latest/Research Level equipments – Availability and Utilization	Stock & utilization register	File verified
	4.5 Utilization of budget	BD01-BD03, MM23 – MM24*	File verified
	4.6 Department Library – Maintenance and utilization	Maintenance & utilization register/ Record	Maintained as per the requirements
	4.7 Computing Facilities - Maintenance and utilization	LT07	Corresponding files are verified
	4.8 E-content development – Videos developed	Question banks PPT/ Records website link	Verified with faculty profile in Department website

5.	Student Support and Progression	5.1 Placement details and training plan for Skill Development	PT 01- PT05*	Corresponding files are verified
		5.2 Percentage of students placed (Improvement over 3 years)	PT 01-05*	Corresponding files are verified
		5.3 Awareness programmes on Higher Education	HEC-01 TO 05	Corresponding files are verified
		5.4 Student participation and success in competitive examinations	HEC -01 TO 05	Corresponding files are verified
		5.5 Percentage of students joined higher education	HEC -04	File verified
		5.6 Entrepreneurship - No of students attended trainings / Dept	Proof as per Quality plan	Corresponding files are verified
		5.7 Entrepreneurship - No of startups/Dept	Proof	Nil
		5.8 Student's participation in Co/Extra-curricular activities (Cultural, Sports, etc.) Paper Presentation/ Project Presentation	SAP files SAP 01 TO 04	File verified
		5.9 Innovative projects development by students - No of projects developed / department / Academic Year	Proof as per Quality plan	File verified
		5.10 Innovative projects development by students - No of projects presentation/ student/ Academic Year (through IIC/IEF)	Proof as per Quality plan	File verified

	5.11 Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire course of study	Proof as per Quality plan	File verified
	5.12 Paper / Project presentation by students - Other Institutions Minimum presentation/ student / Academic Year	Proof as per Quality plan	File verified
	5.13 Paper / Project presentation by students - Within institution Minimum presentation/ student/ Academic Year	Proof as per Quality plan	Paper presentation by students - Within the institution – NIL & File verified
	5.14 Student achievements and awards	Student paper & project files	File verified
	5.15 Alumni Visits, Meetings and Guest Lectures	AL01 – AL04*	Corresponding files are verified
	5.16 Student Mentoring Report	Corresponding file	Corresponding files are verified
6.	6.1 SWOT Analysis – Review Meeting	HOD file / MM11 – MM14*	Corresponding files are verified
	6.2 Academic Audit –Action Taken	IQ 04	File verified
	6.3 Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	Corresponding file	Corresponding files are verified
	6.4 Faculty Training – FDP/NPTEL/Industry	TR01- TR03*	Corresponding files are verified
	6.5 Faculty Qualification Improvement & Retention	Training file	Corresponding files are verified

	6.6 Skill up-gradation training for Supporting Staff	TR-02	
	6.7 Day to Day Activities and Parents-Teachers Meeting	PRO-01 TO 04/ MM21*, MM22*	Corresponding files are verified
	6.8 Department faculty meeting	MM19*, MM20*	Corresponding files are verified
7.	7.1 Department Best Practices	IIPC file	Excellent in IIPC activities & File verified
	7.2 Contribution towards Institutional Values and Social Responsibilities	CoE file	File verified
	7.3 Contribution towards Special programmes	Association file	File verified
	7.4 Human values and Professional Ethics related activities	Association file	File verified
	7.5 Contribution towards Institutional Distinctiveness	Corresponding file	Corresponding files are verified
	7.6 Practices for Student Self learning	Corresponding file	Corresponding files are verified

The following parameters are not applicable for S&H department 1.5,1.7,2.1,2.2,2.11,2.12,2.13,2.18,2.19,2.20,2.26,3.7,3.21,3.22,5.1 to 5.7,5.15

\* Even sem onwards

Criteria		Major Remarks / Comments
1.	Curricular Aspects	<ul style="list-style-type: none"> <li>CDC &amp; TT documents are prepared and maintained according to the IQAC format</li> <li>In Lab TT HoD signature missing</li> </ul>
2.	Teaching –Learning Process	<p>Following files need to be completed:</p> <ul style="list-style-type: none"> <li>CMC file</li> <li>End Semester result analysis file</li> <li>PO and PSOs attainment file</li> </ul>
3.	Research, Innovation and Extension	Seminars submitted -2
4.	Infrastructure and Learning Resources	<ul style="list-style-type: none"> <li>Documents are prepared in the IQAC format.</li> <li>Laboratory maintenance records are kept in a separate note, following the IQAC format for LT03, LT05, and LT07.</li> </ul>
5.	Student Support and Progression	<ul style="list-style-type: none"> <li>All proofs and documents must be signed by the faculty in charge and the Head of Department (HoD).</li> <li>Paper presentations within KEC need improvement.</li> </ul>
6.	Governance Leadership and Management	<ul style="list-style-type: none"> <li>Documents are prepared and maintained according to the IQAC format.</li> </ul>
7.	Institutional Values and Best Practices	<ul style="list-style-type: none"> <li>Excellent performance in IIPC activities.</li> </ul>
Overall Comments		Satisfactory

Department IQAC Coordinator  
(with name)

(Dr. S. Kartikyan)

1. (Dr. S. Sankala, Asst. ECE)

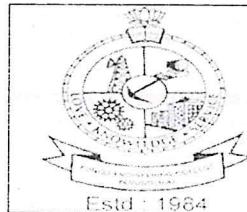
2. [P. Kannan, AD Sm/EE]

Auditors  
(with name)

Head of the Department  
(with seal)

Dr. S. BALAJI  
Professor & Head  
Dept. of Civil Engg.

Kengal Engineering College  
Thoppupalayam (Po)  
Perundurai, Erode - 638 060.



**KONGU ENGINEERING COLLEGE**  
 (Autonomous)  
 PERUNDURAI – 638060  
 INTERNAL QUALITY ASSURANCE CELL  
**NON CONFORMANCE REPORT**



Department: Civil Engineering

Date: 25.09.2024

**Non conformities**

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Student Enrollment and Progression of Students	Students Enrollment UG/PG	Overall scenario through the country	Steps taken to conduct events/competition for school students	UG admission for 2024 increased to 95%	-	Continuous
2.		Percentage of students who have progressed to higher education	More number of students joining coaching classes for government exams	Higher education awareness programs arranged to students	Four higher education awareness programs planned for this year	Department HECE Coordinator	Continuous
3.		Percentage of students qualifying in state/ national/ international level examinations	Students interested to join coaching classes for government exams	Higher education awareness programs arranged to students	Four higher education awareness programs planned for this year	Department HECE Coordinator	Continuous
4.	Research	No of R D proposals to be submitted, No of Seminar/ FDP/Other proposals to be submitted	Proposals related to core civil engineering areas is limited	Faculty are informed to attend more programs related to R&D funding	Target fixed for each faculty to send seminar and R&D proposals	All faculty	May 2025
5.		Project to paper conversion	All projects submitted to journals or conferences and under progress	All faculty will follow and complete the publication process	-	All faculty	Continuous

Observations (Opportunities for improvement)

S.No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Teaching – Learning Process	Preparation of files like CMC, result analysis and POs attainment need to be completed within the specified time	Since new formats introduced in September 2023, few documents in old format	Updated	Regular monitoring and review to ensure timeliness	Academic Coordinator	Continuous
2.	Research, Innovation and Extension	Needs improvement for submitting seminar proposal to agencies	Faculty is actively exploring suitable opportunities for proposals	Submission deadlines communicated and tracked	Periodic review and reminders	Research Coordinator	May 2024
3.	Student Support and Progression	Need improvement in filing the proofs and documents with signatures of all concerned Paper presentations within KEC need improvement.	Students showing interest in participating events in other colleges	Will be updated Discussed with students and encouraged them to participate in more events	Regular monitoring and review to ensure timeliness	Student Activity Point Coordinator	May 2024

1. *gmr* 7/10/24 (Dr. S. Sasikala, ASP/ECE)

2. *pk* 8/10/24 (P. KARTHIKEYAN, AD(PSM)/EEE)

Auditor's  
(Name with Designation & Dept.)

Auditee Dept. IQAC Co-ordinator  
(Dr. S. Kartikeyan)

*pk*  
7/10/24

*Kartikeyan*  
Auditee Dept. HOD



## KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI – 638060

INTERNAL QUALITY ASSURANCE CELL

### AUDIT EVALUATION SHEET



### Audit Evaluation Sheet for the Academic Year 2023-2024 (Inter Department)

Auditors Name and Designation

- : 1. Dr.S.Shanthi/CSE
- 2. Ms.S.Hamsanandhini/AI

Date of Audit : 25.09.2024  
 Audited Department : Mechanical

S.No.	Criteria (Max Mark)	Parameters	File Name Audited	Observations
1.	Curricular Aspects	1.1 Curriculum Design and Development process	CDC-01, CDC-02	Ok
		1.2 Curriculum and syllabus – Planning and Implementation	CDC-03,04,06	Ok
		1.3 Dissemination of regulation, curriculum & Syllabus	CDC-05,10	Ok
		1.4 Minutes of BOS Meeting	CDC- 08,09	Ok
		1.5 Revision in Elective courses	CDC-11	Ok
		1.6 Value Added Courses – Organized and Participation of students	NVC-01 To 06	Ok
		1.7 Student involvement in field projects/internships	PR01, PC-05/PT-04*,PR-01*	Ok
		1.8 Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	CDC-07A, 07C,07E,07F,07G, 07P	Ok
		1.9 Mapping of Course Outcomes and Programme Outcomes	CDC-03,04, 06	Ok
		1.10 Allotting courses to faculty based on expertise	TT1-01,02 / TT-01, 02*	Ok
		1.11 Allotment of adequate number of hours in time table for theory/practical/project	TT1 -03,04,05/ TT-03-06*	Ok
2.	Teaching –Learning Process	2.1 Student Enrolment & Improvement in Student Quality Enrolment Ratio = No. of seats filled / No of Seats Approved	HoD -03	Ok
		2.2 Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HoD -04	Ok
		2.3 Structured Course Plan	CCO-01/ AC03*	Syllabus printout in the file should be taken from the official website.
		2.4 Course Coordination Meeting	CC0-02/ AC-01A, 02*	Ok
		2.5 Class Monitoring Committee Meeting	FB 01A, 01*	Ok
		2.6 Course Delivery Methods – Use of ICT tools / Outcome Based Teaching learning Report	AC-14(Course file)/ AC-03*	Ok
		2.7 Continuous Assessment (CA) Test Question Paper standards	ACO -06 / TE-03*	Ok
		2.8 Conduct of Continuous Assessment Tests	TCO -01 to 07 / TE-01* #	Ok

	2.9 Evaluation of CA Test papers with Answer key	Course files	Ok
	2.10 Adequate number of Assignments and Tutorials & Evaluation of Assignment & Tutorial	ACO-01, ACO-07/ Course file	Ok
	2.11 Virtual Lab Experiments / Mini project based experiments - Experiments per course for 2 and 3 years	Course files	Ok
	2.12 Micro projects in Theory Courses - Simulation / Project based Assessment for tutorials for 2 and 3 years / Semester	Course files	Ok
	2.13 Field visits for courses - One day factory visits for Theory courses for self-learning in 2 and 3 year of study / dept.	Course files	Nil
	2.14 Remedial Measures for Slow Learners with proof	Course file / AC12*, 13*	Proof not available.
	2.15 Laboratory Plan	LT-01/LT 03, LT04 / AC-09*, AC-10*	Ok
	2.16 Quality of Laboratory Manual	LT-01*, Lab manuals / AC-11*/ Course file	Ok
	2.17 Evaluating experiments – Rubrics/Periodically	AC11*, Course file for Lab	Ok
	2.18 Project Work Review Schedule	PR02 / PR-01 to 04*	Review Schedule and Supervisor sign is missing.
	2.19 Quality of Project Reports	Project Reports	Ok
	2.20 Evaluation of Projects through Review – Rubrics followed	PR-04*, PR-02*	Each reviewer mark sheet is not available.
	2.21 Continuous Assessment Test Report and Consolidated Report	AC06*, AC07* (Inspro plus)	Ok
	2.22 End Semester Result Analysis	AC08*	Ok
	2.23 PAC and QIC formulation and Meeting minutes	MM11- MM14*	Ok
	2.24 Student Feedback on Course and Teacher	Course & teacher feedback	No need to follow action taken report for other department faculty.
	2.25 Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	PMO 01 to 05/ (2019-23 Batch) PO 01-08*	Ok
	2.26 Alumni - Graduate Exit survey for PO & PSOs at the end of the programme	Corresponding files	Ok
3. Research, Innovation and Extension	3.1 Seed money Proposals (student funding through IIC may be consider)	Corresponding files	No
	3.2 Submission of Project Proposals	RC01/ RD01*	Ok
	3.3 Research Grants received	RD-10*	Ok
	3.4 Conference / seminar / workshop/FDP/STTP proposals submitted	RC01/ RD01*	Ok
	3.5 Conference / seminar / workshop/FDP/SSTP organized	RD09*	Ok
	3.6 Promotion of Start-ups	EMC-01 TO 05	Ok
	3.7 Conversion of student projects into paper / Patent	RD03*	Ok
	3.8 Quality Publications by faculty (SCI/Scopus)	RD02*	Ok
	3.9 Books/Book chapters/Conference/Patent filed/granted/Published by faculty	RD04*	Ok

	3.10 Awards / Outside Interaction/ Collaboration of the faculty	RD05*	Ok	
	3.11 PhD pursuing & Completed details	RD-07*	Ok	
	3.12 Membership in Professional Bodies	RD-08*	Ok	
	3.13 Students Enrollment Ph.D. - No of new students enrolled for the doctoral program	Corresponding files	Ok	
	3.14 Minimum no of citations Faculty / dept/Academic year	Corresponding files	Ok	
	3.15 PhD awarded - No of candidates/Year	Corresponding files	Ok	
	3.16 Conferences attended - Faculty /Academic Year	Corresponding files	Ok	
	3.17 Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department /Academic Year	Corresponding files	Research lab visit report may be prepared and kept centralized.	
	3.18 Industrial Consultancy/Testing Identification Report	IC 01*, IC-03*	Ok	
	3.19 MoUs signed and activities Record	IC 02*	Ok	
	3.20 Industrial Training (IIPC/Other Grants)/ Self Supporting Program	IC- 04*	Ok	
	3.21 In plant Training/Internship	IP -01*	Ok	
	3.22 Industrial visits arranged for students	IV-01,02,03,04*	Ok	
	3.23 Association activities / Clubs/Professional Societies/ Cell's	CA01 –CA04*	Ok	
	3.24No of News Letter	Minimum 4 per year	Ok	
	3.25 Developmental activities - No of Activities / department /Academic Year Product Development (IIC, TBI, etc)		Ok	
4.	Infrastructure and Learning Resources	4.1 Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	FMM-01 TO 04	Ok
		4.2 Laboratory Maintenance Records/Registers	LT03, LT05, LT07*	Ok
		4.3 Equipment working conditions/Calibration	LT05, LT06, LT08, LT09*	Ok
		4.4 Latest/Research Level equipments – Availability and Utilization	Stock & utilization register	Ok
		4.5 Utilization of budget	BD01-BD03, MM23 – MM24*	Ok
		4.6 Department Library – Maintenance and utilization	Maintenance & utilization register/ Record	Ok
		4.7 Computing Facilities - Maintenance and utilization	LT07	Ok
		4.8 E-content development – Videos developed	Question banks PPT/ Records website link	Ok
5.	Student Support and Progression	5.1 Placement details and training plan for Skill Development	PT 01- PT05*	Ok
		5.2 Percentage of students placed (Improvement over 3 years)	PT 01-05*	Ok
		5.3 Awareness programmes on Higher Education	HEC-01 TO 05	Ok
		5.4 Student participation and success in competitive examinations	HEC -01 TO 05	Ok
		5.5 Percentage of students joined higher education	HEC -04	Ok
		5.6 Entrepreneurship - No of students attended trainings / Dept	Proof as per Quality plan	Ok
		5.7 Entrepreneurship - No of startups/Dept	Proof	Nil
		5.8 Student's participation in Co/Extra-curricular activities	SAP files SAP 01 TO 04	SAP-02,03: not available

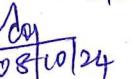
	(Cultural, Sports, etc.) Paper Presentation/ Project Presentation		
	5.9 Innovative projects development by students - No of projects developed / department / Academic Year	Proof as per Quality plan	Nil
	5.10 Innovative projects development by students - No of projects presentation/ student/ Academic Year (through IIC/IEF)	Proof as per Quality plan	Ok
	5.11 Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire course of study	Proof as per Quality plan	Ok
	5.12 Paper / Project presentation by students - Other Institutions Minimum presentation/ student / Academic Year	Proof as per Quality plan	Ok
	5.13 Paper / Project presentation by students - Within institution Minimum presentation/ student/ Academic Year	Proof as per Quality plan	Ok
	5.14 Student achievements and awards	Student paper & project files	Ok
	5.15 Alumni Visits, Meetings and Guest Lectures	AL01 – AL04*	AL01- not available
	5.16 Student Mentoring Report	Corresponding file	Ok
6.	Governance, Leadership and Management	HOD file / MM11 – MM14*	Ok
	6.1 SWOT Analysis – Review Meeting		
	6.2 Academic Audit –Action Taken	IQ 04	NC is available only for CAT analysis.
	6.3 Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	Corresponding file	For 2022-2023, it is available.
	6.4 Faculty Training – FDP/NPTEL/Industry	TR01- TR03*	Ok
	6.5 Faculty Qualification Improvement & Retention	Training file	Ok
	6.6 Skill up-gradation training for Supporting Staff	TR-02	Ok
	6.7 Day to Day Activities and Parents-Teachers Meeting	PRO-01 TO 04/ MM21*, MM22*	Ok
	6.8 Department faculty meeting	MM19*, MM20*	Ok
7.	Institutional Values and Best Practices	IIPC file	Ok
	7.1 Department Best Practices		
	7.2 Contribution towards Institutional Values and Social Responsibilities	CoE file	Ok
	7.3 Contribution towards Special programmes	Association file	Ok
	7.4 Human values and Professional Ethics related activities	Association file	Ok
	7.5 Contribution towards Institutional Distinctiveness	Corresponding file	Ok
	7.6 Practices for Student Self learning	Corresponding file	Ok

The following parameters are not applicable for S&H department 1.5,1.7,2.1,2.2,2.11,2.12,2.13,2.18,2.19,2.20,2.26,3.7,3.21,3.22,5.1 to 5.7,5.15

\* Even sem onwards

S.No.	Criteria	Major Remarks / Comments
1.	Curricular Aspects	OK
2.	Teaching -Learning Process	The file maintenance may be improved for Conducting CA Test, Project reviews.
3.	Research, Innovation and Extension	Project to paper conversion, No. of Seminar and R&D proposal send may be improved.
4.	Infrastructure and Learning Resources	OK
5.	Student Support and Progression	Percentage of students - paper / Project may be improved.
6.	Governance Leadership and Management	OK
7.	Institutional Values and Best Practices	OK
Overall Comments		OK

1) Dr. M. Pothuramsh (uman)  10/10/24

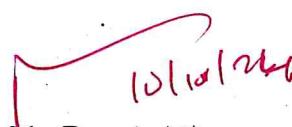
2) M. Athirmaray  08/10/24

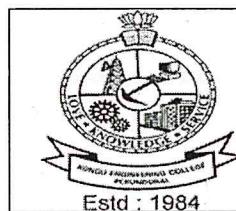
Department IQAC Coordinators  
(with name)

1.  (Dr. S. SHANTHI)  
10/10/24

2.  (S. HAMSA NANDINI)  
10/10/24

Auditors  
(with name)

 10/10/24  
Head of the Department  
(with seal)  
**Dr. P. SELVAKUMAR**  
Associate Professor & Head  
Dept. of Mechanical Engg.  
Kongu Engineering College  
Thoppupalayam (Po)  
Perundurai, Erode - 638 060.



**KONGU ENGINEERING COLLEGE**  
(Autonomous)  
**PERUNDURAI – 638060**  
**INTERNAL QUALITY ASSURANCE CELL**  
**NON CONFORMANCE REPORT**



Department: Mechanical

Date: 08.10.2024

Nonconformities

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Research, Innovation and Extension	77% deviation in In-plant training	Less number of students underwent In-plant training	All students are advised to undergo In-plant Training	Coordinator & Mentors are asked to monitor the progress	Dr.R.Naveen Kumar	June 2025
2.	Research, Innovation and Extension	Deviation in Project to paper conversion	Less number of projects has been converted into papers	Faculty are asked to support for converting the projects into papers	Progress will be monitored during review process.	All Faculty	Continuous
3.	Research, Innovation and Extension	50% deviation in R&D/ seminar/FDP proposals submitted	Funding opportunities in respecting research areas were less	Faculty are advised to submit more quality proposals	Nil	Mr.A.Ganesh	Continuous
4.	Student Support and Progression	19.3% deviation in students placed.	Less number of core companies visited	Students are also advised to show interest in software industry	Nil	Dr.M.Sambathkumar & Dr.B.S.Hari	Continuous
5.	Student Support and Progression	50% deviation in students to qualify in state/national/international level examination	No.of students prepared for competitive exams were less	Students are advised to take up more examinations	GATE exam syllabus portions are now included in comprehensive test	Dr.B.S.Hari	June 2025

10/10/24

### Observations (Opportunities for improvement)

S.No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Teaching – Learning Process	Course syllabus printout may be taken from official website [22MET44]	Improper course file maintenance	Respective faculty is instructed to rectify the observation	It will be checked up on file submission	Dr.M.Sambathkumar	October 2024
2.	Teaching – Learning Process	A common circular for remedial class may be prepared and implemented. [22MET44]	Common circulars for remedial classes are already followed.	Respective faculty is instructed to document it in the course file.	It will be checked up on file submission -	Dr.M.Sambathkumar	October 2024
3.	Teaching – Learning Process	Project review schedule is not available in project course file	Review schedule format is not available in IQAC formats	It will be followed if a respective format is newly prepared	-	Project Coordinators	Continuous
4.	Teaching – Learning Process	Separate reviewers mark for project reviews are not available	Available Review format is already followed.	If any changes made with the available format, It will be followed	-	Project Coordinators	Continuous
5.	Research, Innovation and Extension	Research lab visit report may be prepared and keep in centralized	Visits made by faculty and are maintained in other head	Decided to keep another copy in the respective head	-	Mr.A.Ganesh	Continuous

1.  (Dr. S. SHANTHI/ASP/CSE)  
01/10/24

2.  [S. HAMSANANDHINI/AP/AI]  
10/10/24

Auditor's  
(Name with Designation & Dept.)

1.)  (Dr. M. BHUVANESWARI/PROFESSOR)  
08/10/24

2.)  (M. DHARMAJ  
08/10/24)

Auditee Dept. IQAC Co-ordinator

  
01/10/24

Auditee Dept. HOD



**KONGU ENGINEERING COLLEGE**  
**(Autonomous)**  
**PERUNDURAI – 638060**  
**INTERNAL QUALITY ASSURANCE CELL**  
**AUDIT EVALUATION SHEET**



**Audit Evaluation Sheet for the Academic Year 2023-2024**  
**(Inter Department)**

Auditors Name and Designation

: Dr.T.Kalavathi Devi/ASP/EIE  
Mr.V.Anbumani /AP(SrG)/ECEDate of Audit : 25.09.2024  
Audited Department : Mechatronics

S.No.	Criteria (Max Mark)	Parameters	File Name Audited	Observations
1.	Curricular Aspects	1.1 Curriculum Design and Development process	CDC-01, CDC-02	Good
		1.2 Curriculum and syllabus – Planning and Implementation	CDC-03,04,06	Good
		1.3 Dissemination of regulation, curriculum & Syllabus	CDC-05,10	Good
		1.4 Minutes of BOS Meeting	CDC- 08,09	Good
		1.5 Revision in Elective courses	CDC-11	Good
		1.6 Value Added Courses – Organized and Participation of students	NVC-01 To 06	Available
		1.7 Student involvement in field projects/internships	PR01, PC-05/PT-04*,PR-01*	Followed
		1.8 Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	CDC-07A, 07C,07E,07F,07G, 07P	Good
		1.9 Mapping of Course Outcomes and Programme Outcomes	CDC-03,04, 06	Good
		1.10 Allotting courses to faculty based on expertise	TT1-01,02 / TT-01,02*	Good
		1.11 Allotment of adequate number of hours in time table for theory/practical/project	TT1 -03,04,05/ TT-03-06*	Good. Followed Wednesday AN as Mentor Hour
2.	Teaching –Learning Process	2.1 Student Enrolment & Improvement in Student Quality Enrolment Ratio = No. of seats filled / No of Seats Approved	HoD -03	377/24
		2.2 Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HoD -04	1:14
		2.3 Structured Course Plan	CCO-01/ AC03*	Followed

	2.4 Course Coordination Meeting	CC0-02/ AC-01A, 02*	Followed
	2.5 Class Monitoring Committee Meeting	FB 01A, 01*	3 meetings conducted out of 4
	2.6 Course Delivery Methods – Use of ICT tools / Outcome Based Teaching learning Report	AC-14(Course file)/ AC-03*	Good
	2.7 Continuous Assessment (CA) Test Question Paper standards	ACO -06 / TE-03*	Found deviation in the assessment pattern syllabus (20MTT41)and Test QP above 50%
	2.8 Conduct of Continuous Assessment Tests	TCO -01 to 07 / TE-01* #	Followed
	2.9 Evaluation of CA Test papers with Answer key	Course files	Available
	2.10 Adequate number of Assignments and Tutorials & Evaluation of Assignment & Tutorial	ACO-01, ACO-07/ Course file	Yes given and evaluated
	2.11 Virtual Lab Experiments / Mini project based experiments - Experiments per course for 2 and 3 years	Course files	Followed
	2.12 Micro projects in Theory Courses - Simulation / Project based Assessment for tutorials for 2 and 3 years / Semester	Course files	Followed
	2.13 Field visits for courses - One day factory visits for Theory courses for self-learning in 2 and 3 year of study / dept.	Course files	Field visit – Drone Technology Electron device and digital circuits
	2.14 Remedial Measures for Slow Learners with proof	Course file / AC12*, 13*	Documents are appreciable
	2.15 Laboratory Plan	LT-01/LT 03, LT04 / AC-09*,	Followed
	2.16 Quality of Laboratory Manual	LT-01*, Lab manuals / AC-11*/Course file	Good
	2.17 Evaluating experiments – Rubrics/Periodically	AC11*, Course file for Lab	Good
	2.18 Project Work Review Schedule	PR02 / PR-01 to 04*	Good
	2.19 Quality of Project Reports	Project Reports	Good
	2.20 Evaluation of Projects through Review – Rubrics	PR-04*, PR-02*	Good
	2.21 Continuous Assessment Test Report and Consolidated	AC06*, AC07* (Inspro	Followed
	2.22 End Semester Result Analysis	AC08*	Followed
	2.23 PAC and QIC formulation and Meeting minutes	MM11- MM14*	QIC – Not shown (23-24 )
	2.24 Student Feedback on Course and Teacher	Course & teacher	Available
	2.25 Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	PMO 01 to 05/ (2019-23 Batch)	Under process for 2024 batch

		2.26 Alumni - Graduate Exit survey for PO & PSOs at the end	Corresponding files	Followed
3.	Research, Innovation and Extension	3.1 Seed money Proposals (student funding through IIC may be consider)	Corresponding files	Nil
		3.2 Submission of Project Proposals	RC01/ RD01*	6 - RPS submitted,% deviation-68.42%
		3.3 Research Grants received	RD-10*	18.19 L Sanctioned
		3.4 Conference / seminar / workshop/FDP/STTP proposals submitted	RC01/ RD01*	7-Seminar submitted,% deviation:70.83%
		3.5 Conference / seminar / workshop/FDP/SSTP organized	RD09*	1 seminar-1.04 Lakhs
		3.6 Promotion of Start-ups	EMC-01 TO 05	Available
		3.7 Conversion of student projects into paper / Patent	RD03*	SCI-01,Scopus-17,% deviation:29.17%
		3.8 Quality Publications by faculty (SCI/Scopus)	RD02*	SCI-16,SCOPUS-41
		3.9 Books/Book chapters/Conference/Patent	RD04*	Book chapter-2, Patent:01
		3.10 Awards / Outside Interaction/ Collaboration of the faculty	RD05*	Available-Not as per IQAC format
		3.11 PhD pursuing & Completed details	RD-07*	Pursuing-32,Completed-2
		3.12 Membership in Professional Bodies	RD-08*	Available
		3.13 Students Enrollment Ph.D. - No of new students enrolled for the doctoral program	Corresponding files	03 students
		3.14 Minimum no of citations Faculty / dept/Academic year	Corresponding files	4987 citations
		3.15 PhD awarded - No of candidates/Year	Corresponding files	Awarded-01
		3.16 Conferences attended - Faculty /Academic Year	Corresponding files	Available
		3.17 Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department /Academic Year	Corresponding files	Visited to NIT Trichy-SERB,TARE project
		3.18 Industrial Consultancy/Testing Identification Report	IC 01*, IC-03*	Rs.1.98L - % deviation-33.83%
		3.19 MoUs signed and activities Record	IC 02*	Available(6 MOU signed)
		3.20 Industrial Training (IIPC/Other Grants)/ Self Supporting Program	IC- 04*	NIL
		3.21 In plant Training/Internship	IP -01*	Available- % deviation:70.63%
		3.22 Industrial visits arranged for students	IV-01,02,03,04*	Available
		3.23 Association activities / Clubs/Professional Societies/	CA01 –CA04*	Available
		3.24 No of News Letter	Minimum 4 per year	4 news letters
		3.25 Developmental activities - No of Activities / department /Academic Year Product Development (IIC, TBI, etc)		Available
4.	Infrastructure and Learning Resources	4.1 Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	FMM-01 TO 04	Available
		4.2 Laboratory Maintenance Records/Registers	LT03, LT05, LT07*	Available-Maintenance of Issue register need to be improved

		4.3 Equipment working conditions/Calibration	LT05, LT06, LT08,	Available
		4.4 Latest/Research Level equipments – Availability and Utilization	Stock & utilization register	Available
		4.5 Utilization of budget	BD01-BD03, MM23 –	Available,% deviation:46.78 %
		4.6 Department Library – Maintenance and utilization	Maintenance & utilization register/ Record	Available
		4.7 Computing Facilities - Maintenance and utilization	LT07	Available
		4.8 E-content development – Videos developed	Question banks PPT/ Records website link	Available
5.	Student Support and Progression	5.1 Placement details and training plan for Skill Development	PT 01- PT05*	Available
		5.2 Percentage of students placed (Improvement over 3 years)	PT 01-05*	97% placed
		5.3 Awareness programmes on Higher Education	HEC-01 TO 05	Available
		5.4 Student participation and success in competitive examinations	HEC -01 TO 05	Available
		5.5 Percentage of students joined higher education	HEC -04	<5%
		5.6 Entrepreneurship - No of students attended trainings / Dept	Proof as per Quality plan	Available
		5.7 Entrepreneurship - No of startups/Dept	Proof	Available
		5.8 Student's participation in Co/Extra-curricular activities (Cultural, Sports, etc.) Paper Presentation/ Project Presentation	SAP files SAP 01 TO 04	---
		5.9 Innovative projects development by students - No of projects developed / department / Academic Year	Proof as per Quality plan	Available
		5.10 Innovative projects development by students - No of projects presentation/ student/ Academic Year (through IIC/IEF)	Proof as per Quality plan	Available
		5.11 Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire	Proof as per Quality plan	Available
		5.12 Paper / Project presentation by students - Other Institutions Minimum presentation/ student / Academic Year	Proof as per Quality plan	Available
		5.13 Paper / Project presentation by students - Within institution Minimum presentation/ student/ Academic Year	Proof as per Quality plan	Available
		5.14 Student achievements and awards	Student paper & project	Ok
		5.15 Alumni Visits, Meetings and Guest Lectures	AL01 – AL04*	Good
		5.16 Student Mentoring Report	Corresponding file	Good
6.	Governance, Leadership and Management	6.1 SWOT Analysis – Review Meeting	HOD file / MM11 –	Followed
		6.2 Academic Audit –Action Taken	IQ 04	Available
		6.3 Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	Corresponding file	CoE
		6.4 Faculty Training – FDP/NPTEL/Industry	TR01- TR03*	Followed TR01, sample TR03

		6.5 Faculty Qualification Improvement & Retention	Training file	Followed TR01
		6.6 Skill up-gradation training for Supporting Staff	TR-02	Only TR02
		6.7 Day to Day Activities and Parents-Teachers Meeting	PRO-01 TO 04/ MM21*, MM22*	Ok
		6.8 Department faculty meeting	MM19*, MM20*	Maintained
7.	Institutional Values and Best Practices	7.1 Department Best Practices		IIPC file
		7.2 Contribution towards Institutional Values and Social Responsibilities		CoE file
		7.3 Contribution towards Special programmes		Association file
		7.4 Human values and Professional Ethics related activities		Association file
		7.5 Contribution towards Institutional Distinctiveness		Corresponding file
		7.6 Practices for Student Self learning		Corresponding file

The following parameters are not applicable for S&H department 1.5,1.7,2.1,2.2,2.11,2.12,2.13,2.18,2.19,2.20,2.26,3.7,3.21,3.22,5.1 to 5.7,5.15

\* Even sem onwards

S.No.	Criteria	Major Remarks / Comments
1.	Curricular Aspects	Documents are followed as per the IQAC and Curriculum process

2.	Teaching –Learning Process	Course files are maintained as per the Check list. Remedial measures, student counseling form maintenance are appreciable. CADA Laboratory exclusively for 3D model development.
3.	Research, Innovation and Extension	Research grand's received for project as well as for organizing seminar seems to be good. Number of SCI and Scopus publications also satisfied one. Number of research proposals submitted to the funding agencies need to be improved. Conversion of student project into paper need to be improved.
4.	Infrastructure and Learning Resources	Formats are available as per IQAC format. Utilization of budget needs improvement.
5.	Student Support and Progression	Formats are available as per IQAC format.
6.	Governance Leadership and Management	Good Faculty / Staff Training file needs document for all training details: TR01, TR02 and TR03
7.	Institutional Values and Best Practices	Field visit, CADA laboratory UHV course School students training on Robotics. Central portfolio Responsibilities e-Yantra, Robotics Club, NPTEL
<b>Overall Comments</b>		Found to be good

*Dr. K. Gomathi 8/10/24*  
Department IQAC Coordinators  
(with name)

*Dr. K. Gomathi*

1. *Dr. Meenakshi Priya 8/10/24 (Dr. T. Kalavardhan)*  
2. *V. Arun 8/10/24 (Anuradha V.)*  
Auditors  
(with name)

*Meenakshi Priya 8/10/24*  
Head of the Department  
(with seal)

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

QR-10, Rev 0, 01.09.2024



**KONGU ENGINEERING COLLEGE  
(Autonomous)  
PERUNDURAI – 638060  
INTERNAL QUALITY ASSURANCE CELL**

**NON CONFORMANCE REPORT**



**Department: Mechatronics**

**Date:25.09.2024**

**Nonconformities**

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.			Nil				

**Observations (Opportunities for improvement)**

S.No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Teaching –Learning Process 2.7 Continuous Assessment (CA) Test Question Paper standards	Found deviation in the assessment pattern syllabus (20MTT61)and Test QP above 50%	Regulation:2020 Actual: K1:30 K2:30 K3:40 Given: K1:23 K2:74 K3:3 K3 level of question were not asked because programming part was not included in first 1 1/2 units	Regulation:2022 K1:5 K2:95 In R 2022, the K level for the same syllabus portion is changed as above	-	Dr.C.Maheswari and Mr.S.Thangavel Course handling faculty	Academic Year(2024-2025)

S.No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
2.	2.8 Conduct of Continuous Assessment (CA) Test	Test files – need to be followed in IQAC format	The test IQAC format not available in website recently posted	New IQAC format will be followed from Academic Year(2024-2025)	All test related documents will be maintained in IQAC format	Dr.N.Muralidharan	Academic Year(2024-2025)
3.	2.23 PAC and QIC formulation and Meeting minutes	QIC – Files for 2023-24 academic year	Completed	got signature	-	Dr.C.Maheswari Dr.V.K.Gobinath	Completed
4.	3.2 Submission of project proposals	6 RPS submitted- % deviation:68.42%	Faculty did not submit proposal	Asked faculty to submit more proposal		Dr.R.Nithyaprakash	Academic Year(2024-2025)
5.	3.4 Conference/seminar/workshop proposals submitted	7 proposals submitted % deviation:70.83%	Faculty did not submit seminar proposal	Asked faculty to submit more seminar proposal	-	Dr.R.Nithyaprakash	Academic Year(2024-2025)
6.	3.7 Conversion of Student project into paper/patent	Need to be improved % deviation:29.17 %	Asked respective mentor & students to convert project work to paper	Requested respective mentor and student batches to focus on converting projects to research articles.		Dr.R.Nithyaprakash	Academic Year(2024-2025)
7.	3.18 Industrial Consultancy/Testing	Need to be improved % deviation: 33.83%	Few faculty contributed for only IIPC	Motivate faculty to identify industrial consultancy and initiate necessary training activities	-	Mr.C.Anbu	Academic Year(2024-2025)
8.	4.5 Utilization of budget	Needs improvement % deviation:46.78 %	Fund was not released for earlier purchase	Informed the concern lab in charges to utilize the budget before end of march	-	Dr.V.G.Pratheep	Academic Year(2024-2025)

S.No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
9.	Governance, Leadership and Management  6.4 Faculty Training – FDP/NPTEL/Industry  6.5 Faculty Qualification Improvement & Retention  6.6 Skill up-gradation training for Supporting Staff	Documents available but not as per IQAC format	TR01 is given as per the format and sample document is given TR02 and TR03	Will be maintained in IQAC format from 2024-2025	-	Dr.K.Suganeswaran	Academic Year(2024-2025)

1. Mr. V. Muthu  
 (Mr. T. Selvaraj & Dr. Dini)  
Asst. Prof.  
 2-V. Muthu  
 9/10/24 (T. Selvaraj & Dr. Dini)  
 9/10/24 (Asst. Prof. (SRA)/ECE)  
 Auditor's  
 (Name with Designation & Dept.)

Dr. J. Veluswamy  
 9/10/24  
 Auditee Dept. IQAC Co-ordinator  
 (Dr. K. Gomathi)

Dr. K. Gomathi  
 9/10/24  
 Auditee Dept. HOD



## KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI – 638060

INTERNAL QUALITY ASSURANCE CELL

### AUDIT EVALUATION SHEET



### Audit Evaluation Sheet for the Academic Year 2023-2024 (Inter Department)

Date of Audit : 26.09.2024

Auditors Name and Designation: Dr.A.Sudha/Food Technology      Audited Department : Electronics and Communication Engineering  
Dr.R.Tamilisai/ Chemistry  
Ms.S.Sujitha/CT-UG

S.No.	Criteria (Max Mark)	Parameters	File Name Audited	Observations
1.	Curricular Aspects	1.1 Curriculum Design and Development process	CDC-01, CDC-02	Process verified
		1.2 Curriculum and syllabus – Planning and Implementation	CDC-03,04,06	Process verified
		1.3 Dissemination of regulation, curriculum & Syllabus	CDC-05,10	Process verified
		1.4 Minutes of BOS Meeting	CDC- 08,09	Internal -1 External – 2 meetings were conducted
		1.5 Revision in Elective courses	CDC-11	File verified
		1.6 Value Added Courses – Organized and Participation of students	NVC-01 To 06	10 Value added courses were conducted

		1.7 Student involvement in field projects/internships	PR01, PC-05/PT-04*, PR-01*	File verified
		1.8 Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	CDC-07A, 07C, 07E, 07F, 07G, 07P	File verified
		1.9 Mapping of Course Outcomes and Programme Outcomes	CDC-03, 04, 06	File verified
		1.10 Allotting courses to faculty based on expertise	TT1-01, 02 / TT-01, 02*	Process verified
		1.11 Allotment of adequate number of hours in time table for theory/practical/project	TT1 -03, 04, 05 / TT-03-06*	Process verified
2.	Teaching –Learning Process	2.1 Student Enrolment & Improvement in Student Quality Enrolment Ratio = No. of seats filled / No of Seats Approved	HoD -03	Cut off has improved in 2024
		2.2 Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HoD -04	Adjunct faculty = 1 ( EVEN)
		2.3 Structured Course Plan	CCO-01/ AC03*	File verified
		2.4 Course Coordination Meeting	CC0-02/ AC-01A, 02*	File verified for theory courses, meeting not conducted for Lab courses
		2.5 Class Monitoring Committee Meeting	FB 01A, 01*	File verified
		2.6 Course Delivery Methods – Use of ICT tools / Outcome Based Teaching learning Report	AC-14(Course file)/ AC-03*	File verified

	2.7 Continuous Assessment (CA) Test Question Paper standards	ACO -06 / TE-03*	File verified
	2.8 Conduct of Continuous Assessment Tests	TCO -01 to 07 / TE-01* #	File verified
	2.9 Evaluation of CA Test papers with Answer key	Course files	22ECT43, 20ECT52, 20ECE16, 22ECT11 Course files were verified
	2.10 Adequate number of Assignments and Tutorials & Evaluation of Assignment & Tutorial	ACO-01, ACO-07/ Course file	22ECT43, 20ECT52, 20ECE16, 22ECT11 Course files were verified
	2.11 Virtual Lab Experiments / Mini project based experiments - Experiments per course for 2 and 3 years	Course files	22ECL41, 20ECL63 Courses verified
	2.12 Micro projects in Theory Courses - Simulation / Project based Assessment for tutorials for 2 and 3 years / Semester	Course files	22ECT31 course verified
	2.13 Field visits for courses - One day factory visits for Theory courses for self-learning in 2 and 3 year of study / dept.	Course files	File verified
	2.14 Remedial Measures for Slow Learners with proof	Course file / AC12*, 13*	22ECT43, 20ECE16 Courses verified
	2.15 Laboratory Plan	LT-01/LT 03, LT04 / AC-09*, AC-10*	22ECL41 course verified
	2.16 Quality of Laboratory Manual	LT-01*, Lab manuals / AC-11*/ Course file	File verified
	2.17 Evaluating experiments – Rubrics/Periodically	AC11*, Course file for Lab	File verified

		2.18 Project Work Review Schedule	PR02 / PR-01 to 04*	20ECP71 File verified
		2.19 Quality of Project Reports	Project Reports	20ECP71 File verified
		2.20 Evaluation of Projects through Review – Rubrics followed	PR-04*, PR-02*	20ECP71 File verified
		2.21 Continuous Assessment Test Report and Consolidated Report	AC06*, AC07* (Inspro plus)	File verified
		2.22 End Semester Result Analysis	AC08*	File verified
		2.23 PAC and QIC formulation and Meeting minutes	MM11- MM14*	File verified
		2.24 Student Feedback on Course and Teacher	Course & teacher feedback	Action taken report verified
		2.25 Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	PMO 01 to 05/ (2019-23 Batch) PO 01-08*	Verified for 2024 batch
		2.26 Alumni - Graduate Exit survey for PO & PSOs at the end of the programme	Corresponding files	Verified for 2024 batch
3.	Research, Innovation and Extension	3.1 Seed money Proposals (student funding through IIC may be consider)	Corresponding files	RS.20,000/- received and utilized for inter department event POC 2K23
		3.2 Submission of Project Proposals	RC01/ RD01*	24 proposal submitted

	3.3 Research Grants received	RD-10*	Rs.26,36,000/- received for various funding agencies
	3.4 Conference / seminar / workshop/FDP/STTP proposals submitted	RC01/ RD01*	Out off 47 faculties 25 seminar proposals only submitted
	3.5 Conference / seminar / workshop/FDP/SSTP organized	RD09*	02 Programmes organized
	3.6 Promotion of Start-ups	EMC-01 TO 05	02 Start-ups -Documents verified.
	3.7 Conversion of student projects into paper / Patent	RD03*	Student projects into paper-50 Patent-02 File verified
	3.8 Quality Publications by faculty (SCI/Scopus)	RD02*	SCI-22 Scopus-86 File verified
	3.9 Books/Book chapters/Conference/Patent filed/granted/Published by faculty	RD04*	Conference Paper-92 Book-Nil Book chapters-08 Patent-02 File verified
	3.10 Awards / Outside Interaction/ Collaboration of the faculty	RD05*	Awards-Nil Outside Interaction &Collaboration of the faculty File verified
	3.11 PhD pursuing & Completed details	RD-07*	RD-06- File verified
	3.12 Membership in Professional Bodies	RD-08*	44- Faculties-Ms.A.S.Renugadevi document verified

	3.13 Students Enrollment Ph.D. - No of new students enrolled for the doctoral program	Corresponding files	04- students enrolled for the doctoral program for the academic year 2023-2024- document verified
	3.14 Minimum no of citations Faculty / dept/Academic year	Corresponding files	Academic year 2023-24-4165-Verified
	3.15 PhD awarded - No of candidates/Year	Corresponding files	04- students awarded-Verified
	3.16 Conferences attended - Faculty /Academic Year	Corresponding files	Ms.G.deepa IEEE explore documents verified
	3.17 Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department /Academic Year	Corresponding files	Research laboratories visits-10 Faculties-File verified
	3.18 Industrial Consultancy/Testing Identification Report	IC 01*, IC-03*	Consultancy & Testing file verified
	3.19 MoUs signed and activities Record	IC 02*	MoUs signed-05 Tessolve-No activity
	3.20 Industrial Training (IIPC/Other Grants)/ Self Supporting Program	IC- 04*	File verified
	3.21 In plant Training/Internship	IP -01*	In plant Training -22ECR166, Internship -65 Students. D.Dharan Kumar (20ECR032)-File verified
	3.22 Industrial visits arranged for students	IV-01,02,03,04*	File verified

		3.23 Association activities / Clubs/Professional Societies/ Cell's	CA01 –CA04*	File verified
		3.24 No of News Letter	Minimum 4 per year	File verified
		3.25 Developmental activities - No of Activities / department /Academic Year Product Development (IIC, TBI, etc)		10 products developed. Smart Gas Stove-V-Guard-Verified
4.	Infrastructure and Learning Resources	4.1 Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	FMM-01 TO 04	File verified
		4.2 Laboratory Maintenance Records/Registers	LT03, LT05, LT07*	File verified
		4.3 Equipment working conditions/Calibration	LT05, LT06, LT08, LT09*	File verified
		4.4 Latest/Research Level equipments – Availability and Utilization	Stock & utilization register	Utilization register not maintained
		4.5 Utilization of budget	BD01-BD03, MM23 – MM24*	File verified
		4.6 Department Library – Maintenance and utilization	Maintenance & utilization register/ Record	File verified
		4.7 Computing Facilities - Maintenance and utilization	LT07	File verified
		4.8 E-content development – Videos developed	Question banks PPT/ Records website link	Few faculties E-content development for the academic year 2023-24 not available in website

	5.1 Placement details and training plan for Skill Development	PT 01- PT05*	Any quantitative aptitude and logical reasoning training conducted – 169 students benefited.
	5.2 Percentage of students placed (Improvement over 3 years)	PT 01-05*	Last year (2023-2024) 85.5% of students placed
	5.3 Awareness programmes on Higher Education	HEC-01 TO 05	Two awareness program conducted over 45% of student benefited in final year
	5.4 Student participation and success in competitive examinations	HEC -01 TO 05	File verified
	5.5 Percentage of students joined higher education	HEC -04	Students- Gokula .R and Kowshika of final data verified
5.	5.6 Entrepreneurship - No of students attended trainings / Dept	Proof as per Quality plan	20% of students attend training
	5.7 Entrepreneurship - No of startups/Dept	Proof	Two startups company was developed
	5.8 Student's participation in Co/Extra-curricular activities (Cultural, Sports, etc.) Paper Presentation/ Project Presentation	SAP files SAP 01 TO 04	File verified
	5.9 Innovative projects development by students - No of projects developed / department / Academic Year	Proof as per Quality plan	Ravish K.S (student project) – Smart wash metering and monitoring system – proof verified
	5.10 Innovative projects development by students - No of projects presentation/ student/ Academic Year (through IIC/IEF)	Proof as per Quality plan	Deepakkumar .V, Akisha.M, Arun .S (student project) – Smart Gas Stove – Proof verified

		5.11 Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire course of study	Proof as per Quality plan	Varun .N (student) presented paper in anna university- Proof verified.
		5.12 Paper / Project presentation by students - Other Institutions Minimum presentation/ student / Academic Year	Proof as per Quality plan	Elango .S (student) – Smart bot project in Rajalakshmi Engineering college.
		5.13 Paper / Project presentation by students - Within institution Minimum presentation/ student/ Academic Year	Proof as per Quality plan	Aishwary .G (student project) – Line follows bot- Proof verified.
		5.14 Student achievements and awards	Student paper & project files	22ECR094 Lokesh Saravana G.K. won 1st prize for project Smart menstrual waste disposer in ideathon conducted in ECE at KEC.
		5.15 Alumni Visits, Meetings and Guest Lectures	AL01 – AL04*	Exposure on startup at higher studies in foreign countries program conducted on 20.07.2023 (Attendances of student , circular , Geo tag photo) verified.
		5.16 Student Mentoring Report	Corresponding file	Aravidand .A student of 3 rd year – mentor: P.Pavithara guided him to science day expo – TBI – Geo tag photo verified.
6.	Governance, Leadership and Management	6.1 SWOT Analysis – Review Meeting	HOD file / MM11 – MM14*	File verified
		6.2 Academic Audit –Action Taken	IQ 04	File verified

		6.3 Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	Corresponding file	<ul style="list-style-type: none"> <li>• Mou signed for Embedded AI system.</li> <li>• Collaboration with foreign university – UT Petronas (4 students – Dharshika, Ashvathan , Aswin , Dhanusaha) of 2023-2024 batch studied there for 6 months.</li> <li>• Faculty collaboration (Vijayalakshmi, Vibin) Arba Academy for science , Egypt.</li> </ul>
		6.4 Faculty Training – FDP/NPTEL/Industry	TR01- TR03*	<ul style="list-style-type: none"> <li>• M.Ramesh (faculty) NPTEL – Python for Data Science verified.</li> <li>• Dr.S.Sasikala (faculty) FDP- VISL Design verified.</li> </ul>
		6.5 Faculty Qualification Improvement & Retention	Training file	4 faculty completed Ph.D programming. & Retention rate verified.
		6.6 Skill up-gradation training for Supporting Staff	TR-02	Non – teaching staff training file verified
		6.7 Day to Day Activities and Parents-Teachers Meeting	PRO-01 TO 04/ MM21*, MM22*	File verified
		6.8 Department faculty meeting	MM19*, MM20*	File verified
7.	Institutional Values and Best Practices	7.1 Department Best Practices	IIPC file	<ul style="list-style-type: none"> <li>• 5 Students participated in UTP Research Attachment Program, UTP, Malaysia</li> <li>• 36 students have attended foreign language training</li> </ul>

	7.2 Contribution towards Institutional Values and Social Responsibilities	CoE file	<ul style="list-style-type: none"> <li>• Faculties were incharge of IEEE Chapter, FM radio, WDC, Alumni cell and have conducted various programmes</li> </ul>
	7.3 Contribution towards Special programmes	Association file	<ul style="list-style-type: none"> <li>• IETE foundation students day celebrated</li> <li>• FM radio have conducted programmes on Science communication through community Radio</li> </ul>
	7.4 Human values and Professional Ethics related activities	Association file	<ul style="list-style-type: none"> <li>• Students have participated in blood donation camps</li> </ul>
	7.5 Contribution towards Institutional Distinctiveness	Corresponding file	<ul style="list-style-type: none"> <li>• IETE Erode Chapter has been awarded Shri P P Malhotra Memorial Award 2023</li> </ul>
	7.6 Practices for Student Self learning	Corresponding file	40 Students have attended NPTEL courses

The following parameters are not applicable for S&H department 1.5,1.7,2.1,2.2,2.11,2.12,2.13,2.18,2.19,2.20,2.26,3.7,3.21,3.22,5.1 to 5.7,5.15

\* Even sem onwards

S.No.	Criteria	Major Remarks / Comments
1.	Curricular Aspects	CDC & TT documents are prepared and maintained according to the IQAC format
2.	Teaching –Learning Process	Course files are maintained as per the check list. Need to have CCC meeting for laboratory courses also
3.	Research, Innovation and Extension	Out of 47 faculty 25 seminar proposals only submitted
4.	Infrastructure and Learning Resources	Few faculties E-content development for the academic year 2023-24 not available in website
5.	Student Support and Progression	Students are doing well in paper and project presentations
6.	Governance Leadership and Management	Documents are prepared and maintained according to the IQAC format.
7.	Institutional Values and Best Practices	Good
<b>Overall Comments</b>		Satisfactory

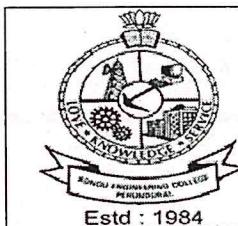
1. Dr. S. Sasikala (26/9/24)  
 2. Carbumani V. (26/9/24)  
 3. G. Srivanya (26/9/24)  
 Department IQAC Coordinators  
 (with name)

1. Dr. A. Sudha (26/9/24)  
 2. R. Tamilisai (26/9/24) L. Dr. R. TAMILISAI  
 3. S. SUJITHA (26/9/24)  
 Auditors  
 (with name)

N.K.  
 26/9/24

Head of the Department  
**Dr. N. Kasthuri** (with seal)  
 Professor & Head

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



**KONGU ENGINEERING COLLEGE**  
**(Autonomous)**  
**PERUNDURAI – 638060**  
**INTERNAL QUALITY ASSURANCE CELL**

**NON CONFORMANCE REPORT**



Department: Electronics and Communication Engineering

Date: 26.09.2024

Non conformities

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	2. Teaching Learning Process	End Semester Result Analysis: No. of Courses not attained > 90% for theory and > 85% for analytical: Odd = 26, Even = 6	Students finds difficult to derive equations and solve the problems	Teaching learning methodologies may be improved to achieve good results	-	Course handling faculty	AY:2024-2025
2.	2. Research	No of R D proposals to be submitted, No of Seminar/ FDP/Other proposals to be submitted: 2 faculty has not submitted R&D proposal 15 faculty has not submitted seminar proposal	2 faculty who have not submitted the R&D proposal were relieved	Target fixed for each faculty to send seminar and R&D proposals	-	All Faculty	AY:2024-2025
3.		Quality Publications by faculty (SCI/Scopus): 6 No. of faculty has not published one Scopus	<ul style="list-style-type: none"> <li>• 2 faculty were relieved</li> <li>• 2 faculty are in maternity leave</li> <li>• 2 faculty published but yet to get indexing</li> </ul>	All faculty will follow and complete the publication process	-	All Faculty	AY:2024-2025

**Observations (Opportunities for improvement)**

S.No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	4. Infrastructure and Learning Resources	E-content development need to be improved	Few faculties E-content development for the academic year 2023-24 not available in website	Separate team has been arranged to take care of e-content creation by the faculty	-	All faculty	AY:2024-2025

1. *Q. 1. 26/9/24 (Dr. A. Sindhu, ASP/PT)  
2. Dr. S. Sasikala 26/9/24 & Dr. R. TAMILISAI  
3. Q. 26/9/24 (S. SUJITHA)*

Auditor's  
(Name with Designation & Dept.)

1. *Q. 1. 26/9/24 (Dr. S. Sasikala)  
2. Dr. S. Sasikala 26/9/24 (Anbumani R.V)  
3. Q. 26/9/24 (G. Sirapriya)*

Auditee Dept. IQAC Co-ordinator

*N.D.  
26/9/24*  
Auditee Dept. HOD



## KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI – 638060

INTERNAL QUALITY ASSURANCE CELL

### AUDIT EVALUATION SHEET



### Audit Evaluation Sheet for the Academic Year 2023-2024 (Inter Department)

Auditors Name and Designation

: Dr.S.Kavitha Bharathi – ASP / CT – UG  
Mrs. Meenalochini.M – AP - CSD

Date of Audit : 24.09.2024  
Audited Department : EEE

S.No.	Criteria (Max Mark)	Parameters	File Name Audited	Observations
1.	Curricular Aspects	1.1 Curriculum Design and Development process	CDC-01, CDC-02	Design and Development process verified
		1.2 Curriculum and syllabus – Planning and Implementation	CDC-03,04,06	CDC-03,04,06 verified
		1.3 Dissemination of regulation, curriculum & Syllabus	CDC-05,10	CDC-05,10 verified. Website verified
		1.4 Minutes of BOS Meeting	CDC- 08,09	Minutes verified
		1.5 Revision in Elective courses	CDC-11	CDC-11 verified. Percentage of revision not mentioned.
		1.6 Value Added Courses – Organized and Participation of students	NVC-01 To 06	3- Courses verified.
		1.7 Student involvement in field projects/internships	PR01, PC-05/PT-04*,PR-01*	Internship projects verified.
		1.8 Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	CDC-07A, 07C,07E,07F,07G, 07P	All stakeholders' feedback verified.
		1.9 Mapping of Course Outcomes and Programme Outcomes	CDC-03,04, 06	CO-PO mapping verified.
		1.10 Allotting courses to faculty based on expertise	TT1-01,02 / TT-01, 02*	Time table file verified
		1.11 Allotment of adequate number of hours in time table for theory/practical/project	TT1 -03,04,05/ TT-03-06*	adequate number of hours verified
2.	Teaching –Learning Process	2.1 Student Enrolment & Improvement in Student Quality Enrolment Ratio = No. of seats filled / No of Seats Approved	HoD -03	Student Enrolment Ratio Verified.
		2.2 Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HoD -04	SFR Verified.1:16
		2.3 Structured Course Plan	CCO-01/ AC03*	20EET63-Signals and Systems Course File Verified CO5 – Sufficient Hrs not planned.
		2.4 Course Coordination Meeting	CC0-02/ AC-01A, 02*	CCC Minutes Verified.

	2.5 Class Monitoring Committee Meeting	FB 01A, 01*	Meeting 1 not available during the academic year. 23-24
	2.6 Course Delivery Methods – Use of ICT tools / Outcome Based Teaching learning Report	AC-14(Course file)/ AC-03*	Verified.
	2.7 Continuous Assessment (CA) Test Question Paper standards	ACO -06 / TE-03*	QP file verified. 20EET63-Signals and Systems: CAT –QP verified.
	2.8 Conduct of Continuous Assessment Tests	TCO -01 to 07 / TE-01* #	Test coordinator file verified.
	2.9 Evaluation of CA Test papers with Answer key	Course files	Split up in answer key missing: 20EET63-Signals and Systems
	2.10 Adequate number of Assignments and Tutorials & Evaluation of Assignment & Tutorial	ACO-01, ACO-07/ Course file	Tutorial marks consolidation not available. Mark breakup not available.
	2.11 Virtual Lab Experiments / Mini project based experiments - Experiments per course for 2 and 3 years	Course files	III EEE A – 20EEL61 – Microprocessor and microcontroller laboratory - Mini Project based experiments Verified.
	2.12 Micro projects in Theory Courses - Simulation / Project based Assessment for tutorials for 2 and 3 years / Semester	Course files	Course file verified
	2.13 Field visits for courses - One day factory visits for Theory courses for self-learning in 2 and 3 year of study / dept.	Course files	Field visit on 20.10.2023 – VII SEM @ Tripur – 22EET71 – Power System protection and switch gear. Verified. II –Yr. 22EET31- DC Machines and transformers on 15.12.2023 @ KEC verified.
	2.14 Remedial Measures for Slow Learners with proof	Course file / AC12*, 13*	Remedial measures for slow learners Course file verified. 22EET31- DC Machines and transformers
	2.15 Laboratory Plan	LT-01/LT 03, LT04 / AC-09*,	20EEL52 – Power system Analysis laboratory – III EEE B laboratory plan verified.
	2.16 Quality of Laboratory Manual	LT-01*, Lab manuals / AC-11*/ Course file	Verified for the above value.
	2.17 Evaluating experiments – Rubrics/Periodically	AC11*, Course file for Lab	Rubric verified for the above course.
	2.18 Project Work Review Schedule	PR02 / PR-01 to 04*	III –Yr. 20EEP61 – Project work 1 verified.
	2.19 Quality of Project Reports	Project Reports	Project report of 21EER008,028 and 120 Batch verified
	2.20 Evaluation of Projects through Review – Rubrics followed	PR-04*, PR-02*	Project Schedule, Rubric verified. Rubric may be followed separately for supervisor.
	2.21 Continuous Assessment Test Report and Consolidated Report	AC06*, AC07* (Inspro plus)	AC06,07 Verified.
	2.22 End Semester Result Analysis	AC08*	AC08- Verified
	2.23 PAC and QIC formulation and Meeting minutes	MM11- MM14*	PAC & QIC file verified.

		2.24 Student Feedback on Course and Teacher	Course & teacher feedback	Feedback file verified.
		2.25 Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	PMO 01 to 05/ (2019-23 Batch)	CO-PO Analysis - 2019-23
		2.26 Alumni - Graduate Exit survey for PO & PSOs at the end of	Corresponding files	Verified.
3.	Research, Innovation and Extension	3.1 Seed money Proposals (student funding through IIC may be consider)	Corresponding files	IIC File verified
		3.2 Submission of Project Proposals	RC01/ RD01*	16 - Project Proposal submission verified.
		3.3 Research Grants received	RD-10*	ICSSR – Fund received, Short term Empirical research project file verified
		3.4 Conference / seminar / workshop/FDP/STTP proposals submitted	RC01/ RD01*	RC01 verified. 12 submitted.
		3.5 Conference / seminar / workshop/FDP/SSTP organized	RD09*	Filing need improvement
		3.6 Promotion of Start-ups	EMC-01 TO 05	NIL.
		3.7 Conversion of student projects into paper / Patent	RD03*	Filing need improvement
		3.8 Quality Publications by faculty (SCI/Scopus)	RD02*	SCI, Scopus publication -Verified.
		3.9 Books/Book chapters/Conference/Patent	RD04*	1 Patent published – verified.
		3.10 Awards / Outside Interaction/ Collaboration of the faculty	RD05*	Collaboration papers verified.
		3.11 PhD pursuing & Completed details	RD-07*	Pursuing – 17 Nos. RD-07 verified.
		3.12 Membership in Professional Bodies	RD-08*	Filing need improvement
		3.13 Students Enrollment Ph.D. - No of new students enrolled for the doctoral program	Corresponding files	2 No students verified.
		3.14 Minimum no of citations Faculty / dept/Academic year	Corresponding files	Filing need improvement
		3.15 PhD awarded - No of candidates/Year	Corresponding files	6 - Verified.
		3.16 Conferences attended - Faculty /Academic Year	Corresponding files	Filing need improvement
		3.17 Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department /Academic Year	Corresponding files	Filing need improvement
		3.18 Industrial Consultancy/Testing Identification Report	IC 01*, IC-03*	Testing file Verified.
		3.19 MoUs signed and activities Record	IC 02*	Functional MOU 1 Verified
		3.20 Industrial Training (IIPC/Other Grants)/ Self Supporting Program	IC– 04*	Verified.
		3.21 In plant Training/Internship	IP -01*	Out of 123, 92 went for in plant training
		3.22 Industrial visits arranged for students	IV-01,02,03,04*	File verified.
		3.23 Association activities / Clubs/Professional Societies/ Cell's	CA01 –CA04*	
		3.24 No of News Letter	Minimum 4 per year	verified
		3.25 Developmental activities - No of Activities / department /Academic Year Product Development (IIC, TBI, etc)		Association file, IIC file verified

4.	Infrastructure and Learning Resources	4.1 Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	FMM-01 TO 04	FMM-01 TO 04 - Verified
		4.2 Laboratory Maintenance Records/Registers	LT03, LT05, LT07*	Maintenance register verified
		4.3 Equipment working conditions/Calibration	LT05, LT06, LT08, LT09*	Equipment and calibration register verified
		4.4 Latest/Research Level equipment – Availability and Utilization	Stock & utilization register	Research lab utilization verified.
		4.5 Utilization of budget	BD01-BD03, MM23 –	Academic year & Budget year different.
		4.6 Department Library – Maintenance and utilization	Maintenance & utilization register/ Record	Maintenance and utilization verified.
		4.7 Computing Facilities - Maintenance and utilization	LT07	LT07 – Verified. 1 - CC
		4.8 E-content development – Videos developed	Question banks PPT/ Records website link	E-Content verified in website.
5.	Student Support and Progression	5.1 Placement details and training plan for Skill Development	PT 01- PT05*	Training details verified
		5.2 Percentage of students placed (Improvement over 3 years)	PT 01-05*	verified
		5.3 Awareness programmes on Higher Education	HEC-01 TO 05	1- Awareness programme department level conducted
		5.4 Student participation and success in competitive examinations	HEC -01 TO 05	HEC -01 TO 05 verified.
		5.5 Percentage of students joined higher education	HEC -04	ID card proof not available
		5.6 Entrepreneurship - No of students attended trainings / Dept	Proof as per Quality plan	1 training programme attended by all the students.
		5.7 Entrepreneurship - No of startups/Dept	Proof	No Start up
		5.8 Student's participation in Co/Extra-curricular activities (Cultural, Sports, etc.) Paper Presentation/ Project Presentation	SAP files SAP 01 TO 04	SAP 01,02,03,04 verified
		5.9 Innovative projects development by students - No of projects developed / department / Academic Year	Proof as per Quality plan	SIH, Proof of concepts – 15 Nos verified.
		5.10 Innovative projects development by students - No of projects presentation/ student/ Academic Year (through IIC/IEF)	Proof as per Quality plan	IIC/IEF Project count – 3 verified.
		5.11 Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire course of study	Proof as per Quality plan	17 papers presented - verified
		5.12 Paper / Project presentation by students - Other Institutions Minimum presentation/ student / Academic Year	Proof as per Quality plan	1020 papers verified
		5.13 Paper / Project presentation by students - Within institution Minimum presentation/ student/ Academic Year	Proof as per Quality plan	647 –count verified.
		5.14 Student achievements and awards	Student paper & project files	Awards and prizes verified.
		5.15 Alumni Visits, Meetings and Guest Lectures	AL01 – AL04*	AL03 – Not Available
		5.16 Student Mentoring Report	Corresponding file	Need updation
6.	Governance, Leadership and	6.1 SWOT Analysis – Review Meeting	HOD file / MM11 – MM14*	HOD File Verified
		6.2 Academic Audit –Action Taken	IQ 04	IQ04- Verified

	Management	6.3 Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	Corresponding file	NIL
		6.4 Faculty Training – FDP/NPTEL/Industry	TR01- TR03*	Maintained Soft copy. (Verified)
		6.5 Faculty Qualification Improvement & Retention	Training file	Retention = 83%
		6.6 Skill up-gradation training for Supporting Staff	TR-02	9/13 - Verified
		6.7 Day to Day Activities and Parents-Teachers Meeting	PRO-01 TO 04/ MM21*, MM22*	Day to Day Activities Not Verified and Parents-Teachers Meeting verified
		6.8 Department faculty meeting	MM19*, MM20*	Verified.
7.	Institutional Values and Best Practices	7.1 Department Best Practices	IIPC file	Testing industrial project and consultancy activity by student and faculty
		7.2 Contribution towards Institutional Values and Social Responsibilities	CoE file	EEC and GEC file verified
		7.3 Contribution towards Special programmes	Association file	Association file verified
		7.4 Human values and Professional Ethics related activities	Association file	Association file verified
		7.5 Contribution towards Institutional Distinctiveness	Corresponding file	IEEE / PES Gender Equity Club coordinator at EEE Department
		7.6 Practices for Student Self learning	Corresponding file	NPTEL Course

The following parameters are not applicable for S&H department 1.5,1.7,2.1,2.2,2.11,2.12,2.13,2.18,2.19,2.20,2.26,3.7,3.21,3.22,5.1 to 5.7,5.15

\* Even sem onwards

S.No.	Criteria	Major Remarks / Comments
1.	Curricular Aspects	Nil
2.	Teaching –Learning Process	Course plan preparation, course file maintenance care should be taken.
3.	Research, Innovation and Extension	Proof missed in many places. Biling need improvement.
4.	Infrastructure and Learning Resources	Nil
5.	Student Support and Progression	Paper presentation by students in premier institutions needs improvement Startups needs to improve
6.	Governance Leadership and Management	Strategic development need to be improved.
7.	Institutional Values and Best Practices	Nil
Overall Comments		More care can be given in biling process.

1. M. Sabarinathu (Dr. M. Sabarinathu)

2. S. P. KARTHIKEYAN

Department IQAC Coordinators  
(with name)

1. S. V. M. T. (Dr. S. KAURNA BHARATHI)

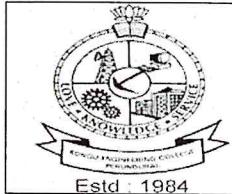
2. Nilum  
Auditors  
(with name)

Head of the Department  
(with seal)

2. Meenabochini M, AP/CS

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DEPT. OF ELECTRICAL & ELECTRONICS ENGG  
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**KONGU ENGINEERING COLLEGE**  
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**PERUNDURAI – 638060**  
**INTERNAL QUALITY ASSURANCE CELL**  
**NON CONFORMANCE REPORT**



Department: EEE

Date: 05.10.2024

**Nonconformities**

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Student Support and Progression	Entrepreneurship - No of startups/Dept is nil	Most of the students got placed in companies and few focused on higher education. Hence less concentration on startups.	Instructed students to concentrate on startups.		Mr.PK and Final year students	31.05.2025

**Observations (Opportunities for improvement)**

S.No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Student Support and Progression	Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire course of study need improvement	Students presented more papers on other than premier intuitions.	Instructed students to concentrate on premier institutions also.		Dr.DSK, All final year students	31.05.2025
2.	Research, Innovation and Extension	MoUs signed and activities Record need improvement	Less number of activities only done with functional MOU companies	Instruction given to all faculty to identify one company per faculty and initiate MOU process		Mr.MSV and all faculty	31.05.2025
3.	Research, Innovation and Extension	Conversion of student projects into paper / Patent is ok but need to improve	Few papers are applied and yet published.	Instructed the faculty guides to speed up and publish soon.		All faculty	31.05.2025
4.	Governance, Leadership and Management	Day to Day Activities file maintenance need improvement	Having documents and that need to be filed	Asked data entry operator and office assistant to maintain a separate file from this semester		DEO and Office Assistant	31.05.2025

*S. V. Ishaq  
8/10/24 (S. KAVITHA SHARMA)*

Auditor's  
(Name with Designation & Dept.)

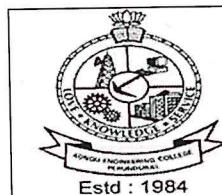
*Murali Chinni M, APL CIV*

*1. M. Jaison 8/10/24 Dr. M. Sabarinathan  
2. P. Karthickyan [P. KARTHIKEYAN]*

Auditee Dept. IQAC Co-ordinator

*Certified by*  
Auditee Dept. HOD

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**KONGU ENGINEERING COLLEGE**  
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 PERUNDURAI – 638060  
**INTERNAL QUALITY ASSURANCE CELL**  
**AUDIT EVALUATION SHEET**



**Audit Evaluation Sheet for the Academic Year 2023-2024**  
**(Inter Department)**

**Auditors Name and Designation** : 1. Dr.P.A.Selvaraj / CSD  
 2. Dr.K.S.Karthi Vinith / Automobile      **Date of Audit** : 25/09/2024  
**Audited Department** : Electronics and Instrumentation

S. No.	Criteria (Max Mark)	Parameters	File Name Audited	Observations
1.	Curricular Aspects	1.1 Curriculum Design and Development process	CDC-01, CDC-02	Satisfactory
		1.2 Curriculum and syllabus – Planning and Implementation	CDC-03,04,06	Satisfactory
		1.3 Dissemination of regulation, curriculum & Syllabus	CDC-05,10	Satisfactory
		1.4 Minutes of BOS Meeting	CDC- 08,09	Satisfactory
		1.5 Revision in Elective courses	CDC-11	Satisfactory
		1.6 Value Added Courses – Organized and Participation of students	NVC-01 To 06	Satisfactory
		1.7 Student involvement in field projects/internships	PR01, PC-05/PT-04*,PR-01*	Satisfactory
		1.8 Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	CDC-07A, 07C,07E,07F,07G, 07P	Satisfactory
		1.9 Mapping of Course Outcomes and Programme Outcomes	CDC-03,04, 06	Satisfactory
		1.10 Allotting courses to faculty based on expertise	TT1-01,02 / TT-01, 02*	Satisfactory
		1.11 Allotment of adequate number of hours in time table for theory/practical/project	TT1 -03,04,05/ TT-03-06*	Satisfactory
2.	Teaching – Learning Process	2.1 Student Enrolment & Improvement in Student Quality Enrolment Ratio = No. of seats filled / No of Seats Approved	HoD -03	Satisfactory
		2.2 Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HoD -04	Satisfactory
		2.3 Structured Course Plan	CCO-01/ AC03*	Satisfactory
		2.4 Course Coordination Meeting	CC0-02/ AC-01A, 02*	Satisfactory

		2.5 Class Monitoring Committee Meeting	FB 01A, 01*	Satisfactory
		2.6 Course Delivery Methods – Use of ICT tools / Outcome Based Teaching learning Report	AC-14(Course file)/ AC-03*	Satisfactory
		2.7 Continuous Assessment (CA) Test Question Paper standards	ACO -06 / TE-03*	Satisfactory
		2.8 Conduct of Continuous Assessment Tests	TCO -01 to 07 / TE-01* #	Satisfactory
		2.9 Evaluation of CA Test papers with Answer key	Course files	Satisfactory
		2.10 Adequate number of Assignments and Tutorials & Evaluation of Assignment & Tutorial	ACO-01, ACO-07/ Course file	Satisfactory
		2.11 Virtual Lab Experiments / Mini project based experiments - Experiments per course for 2 and 3 years	Course files	Sample Course File : 20EIL61, 22EIL41
		2.12 Micro projects in Theory Courses - Simulation / Project based Assessment for tutorials for 2 and 3 years / Semester	Course files	Sample Course File : 22EIE03
		2.13 Field visits for courses - One day factory visits for Theory courses for self-learning in 2 and 3 year of study / dept.	Course files	Satisfactory
		2.14 Remedial Measures for Slow Learners with proof	Course file / AC12*, 13*	Satisfactory
		2.15 Laboratory Plan	LT-01/LT 03, LT04 / AC-09*, AC-10*	Satisfactory
		2.16 Quality of Laboratory Manual	LT-01*, Lab manuals / AC-11*/ Course file	Satisfactory
		2.17 Evaluating experiments – Rubrics/Periodically	AC11*, Course file for Lab	Satisfactory
		2.18 Project Work Review Schedule	PR02 / PR-01 to 04*	Satisfactory
		2.19 Quality of Project Reports	Project Reports	Satisfactory
		2.20 Evaluation of Projects through Review – Rubrics followed	PR-04*, PR-02*	Satisfactory
		2.21 Continuous Assessment Test Report and Consolidated	AC06*, AC07* (Inspro plus)	Satisfactory
		2.22 End Semester Result Analysis	AC08*	Satisfactory
		2.23 PAC and QIC formulation and Meeting minutes	MM11- MM14*	Satisfactory
		2.24 Student Feedback on Course and Teacher	Course & teacher feedback	Satisfactory
		2.25 Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	PMO 01 to 05/ (2019-23 Batch) PO 01-08*	Not yet Completed. It is in progress
		2.26 Alumni - Graduate Exit survey for PO & PSOs at the end	Corresponding files	Yet to consolidate
3.	Research, Innovation and Extension	3.1 Seed money Proposals (student funding through IIC may be consider)	Corresponding files	Satisfactory
		3.2 Submission of Project Proposals	RC01/ RD01*	Need to improve in project proposal submission
		3.3 Research Grants received	RD-10*	Need to improve

		3.4 Conference / seminar / workshop/FDP/STTP proposals submitted	RC01/ RD01*	Need to Submit Proposals
		3.5 Conference / seminar / workshop/FDP/SSTP organized	RD09*	Need to organize the events
		3.6 Promotion of Start-ups	EMC-01 TO 05	No Start-ups
		3.7 Conversion of student projects into paper / Patent	RD03*	Need to focus more on student project to paper/ patent
		3.8 Quality Publications by faculty (SCI/Scopus)	RD02*	Need to publish SCI papers
		3.9 Books/Book chapters/Conference/Patent	RD04*	Need to Improve
		3.10 Awards / Outside Interaction/ Collaboration of the faculty	RD05*	Need to Improve
		3.11 PhD pursuing & Completed details	RD-07*	Satisfactory
		3.12 Membership in Professional Bodies	RD-08*	Need to Improve
		3.13 Students Enrollment Ph.D. - No of new students enrolled for the doctoral program	Corresponding files	No New PhD enrollment.
		3.14 Minimum no of citations Faculty / dept/Academic year	Corresponding files	Satisfactory
		3.15 PhD awarded - No of candidates/Year	Corresponding files	Satisfactory
		3.16 Conferences attended - Faculty /Academic Year	Corresponding files	Satisfactory
		3.17 Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department /Academic Year	Corresponding files	Satisfactory
		3.18 Industrial Consultancy/Testing Identification Report	IC 01*, IC-03*	Satisfactory. But need to improve.
		3.19 MoUs signed and activities Record	IC 02*	1 MoU signed in the last month of the year. No activities.
		3.20 Industrial Training (IIPC/Other Grants)/ Self Supporting Program	IC- 04*	Satisfactory
		3.21 In plant Training/Internship	IP -01*	Out of 99 students, 1 student not met the In Plant Training / Internship norms
		3.22 Industrial visits arranged for students	IV-01,02,03,04*	2 students not met the Industrial visit
		3.23 Association activities / Clubs/Professional Societies/ Cell's	CA01 –CA04*	Satisfactory
		3.24 No of News Letter	Minimum 4 per year	Satisfactory
		3.25 Developmental activities - No of Activities / department /Academic Year Product Development (IIC, TBI, etc)		Need to improve
4.	Infrastructure and Learning Resources	4.1 Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	FMM-01 TO 04	FMM01 – to be updated. FMM- 04 is not maintained in the format. Sample
		4.2 Laboratory Maintenance Records/Registers	LT03, LT05, LT07*	Satisfactory
		4.3 Equipment working conditions/Calibration	LT05, LT06, LT08, LT09*	Satisfactory

		4.4 Latest/Research Level equipments – Availability and Utilization	Stock & utilization register	Satisfactory
		4.5 Utilization of budget	BD01-BD03, MM23 –	Budget utilization is not satisfactory.
		4.6 Department Library – Maintenance and utilization	Maintenance & utilization	Satisfactory
		4.7 Computing Facilities - Maintenance and utilization	LT07	Satisfactory
		4.8 E-content development – Videos developed	Question banks PPT/ Records	Satisfactory
5.	Student Support and Progression	5.1 Placement details and training plan for Skill Development	PT 01- PT05*	Satisfactory
		5.2 Percentage of students placed (Improvement over 3 years)	PT 01-05*	Satisfactory
		5.3 Awareness programmes on Higher Education	HEC-01 TO 05	Satisfactory
		5.4 Student participation and success in competitive examinations	HEC -01 TO 05	Satisfactory
		5.5 Percentage of students joined higher education	HEC -04	Satisfactory
		5.6 Entrepreneurship - No of students attended trainings / Dept	Proof as per Quality plan	Satisfactory
		5.7 Entrepreneurship - No of startups/Dept	Proof	Satisfactory
		5.8 Student's participation in Co/Extra-curricular activities (Cultural, Sports, etc.) Paper Presentation/ Project Presentation	SAP files SAP 01 TO 04	Satisfactory
		5.9 Innovative projects development by students - No of projects developed / department / Academic Year	Proof as per Quality plan	Satisfactory
		5.10 Innovative projects development by students - No of projects presentation/ student/ Academic Year (through IIC/IEF)	Proof as per Quality plan	Satisfactory
		5.11 Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire course of study	Proof as per Quality plan	Satisfactory
		5.12 Paper / Project presentation by students - Other Institutions Minimum presentation/ student / Academic Year	Proof as per Quality plan	Satisfactory
		5.13 Paper / Project presentation by students - Within institution Minimum presentation/ student/ Academic Year	Proof as per Quality plan	Satisfactory
		5.14 Student achievements and awards	Student paper & project files	Need improvement
		5.15 Alumni Visits, Meetings and Guest Lectures	AL01 – AL04*	Alumni Visit need to be improved.
		5.16 Student Mentoring Report	Corresponding file	Satisfactory
6.	Governance, Leadership and Management	6.1 SWOT Analysis – Review Meeting	HOD file / MM11 – MM14*	Satisfactory
		6.2 Academic Audit –Action Taken	IQ 04	Satisfactory
		6.3 Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	Corresponding file	Need to collaborate with foreign universities and need to use CoE effectively
		6.4 Faculty Training – FDP/NPTEL/Industry	TR01- TR03*	Satisfactory
		6.5 Faculty Qualification Improvement & Retention	Training file	Satisfactory
		6.6 Skill up-gradation training for Supporting Staff	TR-02	Satisfactory

		6.7 Day to Day Activities and Parents-Teachers Meeting	PRO-01 TO 04/ MM21*, MM22*	Satisfactory
		6.8 Department faculty meeting	MM19*, MM20*	Satisfactory
7.	Institutional Values and Best Practices	7.1 Department Best Practices	IIPC file	Satisfactory
		7.2 Contribution towards Institutional Values and Social Responsibilities	CoE file	Satisfactory
		7.3 Contribution towards Special programmes	Association file	Satisfactory
		7.4 Human values and Professional Ethics related activities	Association file	Satisfactory
		7.5 Contribution towards Institutional Distinctiveness	Corresponding file	Satisfactory
		7.6 Practices for Student Self learning	Corresponding file	Satisfactory

The following parameters are not applicable for S&H department 1.5,1.7,2.1,2.2,2.11,2.12,2.13,2.18,2.19,2.20,2.26,3.7,3.21,3.22,5.1 to 5.7,5.15

\* Even sem onwards

S.No.	Criteria	Major Remarks / Comments
1.	Curricular Aspects	Nil
2.	Teaching –Learning Process	<ul style="list-style-type: none"> <li>CO-PO analysis is not yet completed. Need to consolidate graduate exit survey and Direct and Indirect Analysis</li> </ul>
3.	Research, Innovation and Extension	<ul style="list-style-type: none"> <li>Need to submit R&amp;D, Seminar, workshop proposals.</li> <li>No Funded Project.</li> <li>Need to improve SCI and Scopus publications</li> <li>Need to improve student project to paper/patent conversion.</li> </ul>
4.	Infrastructure and Learning Resources	<ul style="list-style-type: none"> <li>Need to improve in budget utilization</li> </ul>
5.	Student Support and Progression	<ul style="list-style-type: none"> <li>Student participation in Co/Extra-curricular activities</li> </ul>
6.	Governance Leadership and Management	<ul style="list-style-type: none"> <li>Need to collaborate with foreign universities and need to use CoE effectively</li> <li>Alumni visit to be improved</li> </ul>
7.	Institutional Values and Best Practices	Nil

<b>Overall Comments</b>	<ul style="list-style-type: none"> <li>• Document presentation is good. Need to concentrate more on criteria 3, 4,5 for the above-mentioned points.</li> <li>• Centre of Excellence is there, but it's activities need to be improved.</li> </ul>
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1. Melvin  
27/9/24  
(Dr. T. Melvin)
2. NW 27/9/24

Department IQAC Coordinators  
(with name)

(Dr. M. MADHAN Mohan)

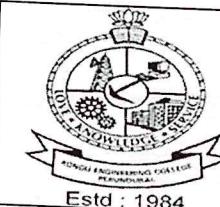
- Document presentation is good. Need to concentrate more on criteria 3, 4,5 for the above-mentioned points.
- Centre of Excellence is there, but it's activities need to be improved.

1. Dr.Selvaraj  
27/9/24  
Dr. P.A. Selvaraj

2. K.S. Kanthimathi  
27/9/24  
(Dr. K.S. Kanthimathi)  
Auditors  
(with name)

8-27/9/2024

Head of the Department  
(with seal)



**KONGU ENGINEERING COLLEGE**  
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 PERUNDURAI – 638060  
 INTERNAL QUALITY ASSURANCE CELL  
**NON CONFORMANCE REPORT**



Department: Electronics and Instrumentation

Date: 25.09.2024

Nonconformities

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Curricular Aspects	Nil	Nil	Nil	Nil	Nil	Nil
2.	Teaching – Learning Process	Nil	Nil	Nil	Nil	Nil	Nil
3.	Research, Innovation and Extension	Submission of Project Proposals	All Ph.D Holders need to submit	Project fixed and will be submitted	Monthly targets are identified and circulated.	All Ph.D. Holders.	December 2024.
		Conference / seminar / workshop/FDP/STTP proposals submitted	Conference / seminar/ workshop/FDP/STTP proposals are less	During next Sem, everyone will submit the proposal Target fixed	Targets are identified and monitored by P&F Committee	All Faculty	March 2025
		Conference / seminar / workshop/FDP/SSTP organized	No proposals are sanctioned	Continuous Submission will be made	Self Supporting conferences / workshop targeted.	All Faculty	March 2025
		Conversion of student projects into paper / Patent	More project to paper conversion is required	Presented in Int. Nat. Conf if yet to be added many papers.	Project batches will be allocated only if the Projects are in progress.	Concerned Faculty	July 2025

		Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department / Academic Year	More labs to be visited by all faculty	Based on research Area, research Labs to be approached and to be visited.	<b>Phab (2 Faculty may be planned).</b>	All Faculty may be planned.	March 2025
		Industrial Training (IIPC/Other Grants)/ Self Supporting Program	Need to organize more industrial training/self-supporting program	Two Programs conducted of all Industrial Project are submitted into Committee,	Planned for more SS Project	more SS (at least) planned. March 10 programs 2025	
4.	Infrastructure and Learning Resources	Nil	Nil	Nil	Nil	Nil	Nil
5.	Student Support and Progression	Nil	Nil	Nil	Nil	Nil	Nil
6.	Governance, Leadership and Management	Nil	Nil	Nil	Nil	Nil	Nil
7.	Institutional Values and Best Practices	Nil	Nil	Nil	Nil	Nil	Nil

Observations (Opportunities for improvement)

S.No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Curricular Aspects	Good	Nil	Nil	Nil	Nil	Nil
2.	Teaching – Learning Process	Documents need to maintained in proper order	Few course files are not arranged as per the checklist	May be followed to file IE contents as per checklist	Verified during each CAT	All	—
4.	Infrastructure and Learning Resources	Budget Utilization can be improved.	Budget utilization is minimum	Budget allotted for system purchase was not utilized as the required system were got through internal transfer	—	All lab i/c's	2024 → 2028
5.	Student Support and Progression	More events related to student's placement as well as higher education can be organized	Students participation is very less	Higher Education Programs can be organized	Intensified Higher Education Students can follow up	Placement of Higher education i/c	2024 → 2028
6.	Governance, Leadership and Management	Centre of Excellence, Collaboration with Foreign Universities and New Courses can be established.	Amount can be generated through centre of excellence	Already 1,83,000 genuta through CAT on I-FOOT	Programs for Industrial liaison can be conducted.	may be planned, Next year.	2024 → 2028
7.	Institutional Values and Best Practices	Special programmes related to Electronics days can be organized	---	Special programmes can be organized.	—	Association i/c	2024 → 2028

1. Action

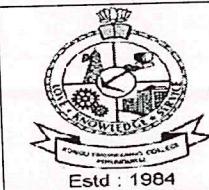
Dr. P.A.Selvaraj / ASPI CSD.

2. BS. Krishnam.

Ch. Ics. Auditor's  
(Name with Designation & Dept.)

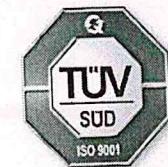
11/10/24  
Auditee Dept. IQAC Co-ordinator  
(Dr T. Kelavathi Devi)

20/10/24  
Auditee Dept. HOD



## KONGU ENGINEERING COLLEGE

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### AUDIT EVALUATION SHEET

#### Audit Evaluation Sheet for the Academic Year 2023-2024

(Inter Department)

Dr. C. GOMADURAI / ASP / CHEM/TGT/ Engg.  
Dr. M. BHUVANESH KUMAR / AP / MECH.  
Ms. S. VARSHINI / AP / CT - PG

Date of Audit : 24.09.2024  
Audited Department : CSE

Auditors Name and Designation

S.No.	Criteria (Max Mark)	Parameters	File Name Audited	Observations
1.	Curricular Aspects	1.1 Curriculum Design and Development process	CDC-01, CDC-02	—
		1.2 Curriculum and syllabus – Planning and Implementation	CDC-03,04,06	—
		1.3 Dissemination of regulation, curriculum & Syllabus	CDC-05,10	—
		1.4 Minutes of BOS Meeting	CDC- 08,09	—
		1.5 Revision in Elective courses	CDC-11	—
		1.6 Value Added Courses – Organized and Participation of students	NVC-01 To 06	—
		1.7 Student involvement in field projects/internships	PR01, PC-05/PT-04*,PR-01*	NO field projects available
		1.8 Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	CDC-07A, 07C,07E,07F,07G, 07P	—
		1.9 Mapping of Course Outcomes and Programme Outcomes	CDC-03,04, 06	—
		1.10 Allotting courses to faculty based on expertise	TT1-01,02 / TT-01, 02*	—

		1.11 Allotment of adequate number of hours in time table for theory/practical/project	TT1 -03,04,05/ TT-03-06*	—
2.	Teaching –Learning Process	2.1 Student Enrolment & Improvement in Student Quality Enrolment Ratio = No. of seats filled / No of Seats Approved	HoD -03	—
		2.2 Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HoD -04	Adjust faculty not available
		2.3 Structured Course Plan	CCO-01/ AC03*	—
		2.4 Course Coordination Meeting	CC0-02/ AC-01A, 02*	—
		2.5 Class Monitoring Committee Meeting	FB 01A, 01*	—
		2.6 Course Delivery Methods – Use of ICT tools / Outcome Based Teaching learning Report	AC-14(Course file)/ AC-03*	—
		2.7 Continuous Assessment (CA) Test Question Paper standards	ACO -06 / TE-03*	—
		2.8 Conduct of Continuous Assessment Tests	TCO -01 to 07 / TE-01* #	—
		2.9 Evaluation of CA Test papers with Answer key	Course files	—
		2.10 Adequate number of Assignments and Tutorials & Evaluation of Assignment & Tutorial	ACO-01, ACO-07/ Course file	—
		2.11 Virtual Lab Experiments / Mini project-based experiments - Experiments per course for 2 and 3 years	Course files	—
		2.12 Micro projects in Theory Courses - Simulation / Project based Assessment for tutorials for 2 and 3 years / Semester	Course files	—
		2.13 Field visits for courses - One day factory visits for Theory courses for self-learning in 2 and 3 year of study / dept.	Course files	—
		2.14 Remedial Measures for Slow Learners with proof	Course file / AC12*, 13*	—
		2.15 Laboratory Plan	LT-01/LT 03, LT04 / AC-09*, AC-10*	—
		2.16 Quality of Laboratory Manual	LT-01*, Lab manuals / AC-11*/ Course file	Quality of Lab manual to be improved
		2.17 Evaluating experiments – Rubrics/Periodically	AC11*, Course file for Lab	—

	2.18 Project Work Review Schedule	PR02 / PR-01 to 04*	—
	2.19 Quality of Project Reports	Project Reports	—
	2.20 Evaluation of Projects through Review – Rubrics followed	PR-04*, PR-02*	—
	2.21 Continuous Assessment Test Report and Consolidated Report	AC06*, AC07* (Inopro plus)	—
	2.22 End Semester Result Analysis	AC08*	—
	2.23 PAC and QIC formulation and Meeting minutes	MM11- MM14*	—
	2.24 Student Feedback on Course and Teacher	Course & teacher feedback	—
	2.25 Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	PMO 01 to 05/ (2019-23 Batch) PO 01-08*	—
	2.26 Alumni - Graduate Exit survey for PO & PSOs at the end of the programme	Corresponding files	—
3.	Research, Innovation and Extension	Corresponding files	No Seed money proposals sent
	3.1 Seed money Proposals (student funding through IIC may be consider)	RC01/ RD01*	—
	3.2 Submission of Project Proposals	RD-10*	—
	3.3 Research Grants received	RC01/ RD01*	—
	3.4 Conference / seminar / workshop/FDP/STTP proposals submitted	RD09*	No programmes organized
	3.6 Promotion of Start-ups	EMC-01 TO 05	—
	3.7 Conversion of student projects into paper / Patent	RD03*	No patents filed.
	3.8 Quality Publications by faculty (SCI/Scopus)	RD02*	—
	3.9 Books/Book chapters/Conference/Patent filed/granted/Published by faculty	RD04*	—

		3.10 Awards / Outside Interaction/ Collaboration of the faculty	RD05*	—
		3.11 PhD pursuing & Completed details	RD-07*	—
		3.12 Membership in Professional Bodies	RD-08*	—
		3.13 Students Enrollment Ph.D. - No of new students enrolled for the doctoral program	Corresponding files	—
		3.14 Minimum no of citations Faculty / dept/Academic year	Corresponding files	—
		3.15 PhD awarded - No of candidates/Year	Corresponding files	—
		3.16 Conferences attended - Faculty /Academic Year	Corresponding files	—
		3.17 Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department /Academic Year	Corresponding files	No visits made to Research Laboratories
		3.18 Industrial Consultancy/Testing Identification Report	IC 01*, IC-03*	Testing Consultancy needs improvement
		3.19 MoUs signed and activities Record	IC 02*	—
		3.20 Industrial Training (IIPC/Other Grants)/ Self Supporting Program	IC- 04*	—
		3.21 In plant Training/Internship	IP -01*	—
		3.22 Industrial visits arranged for students	IV-01,02,03,04*	—
		3.23 Association activities / Clubs/Professional Societies/ Cell's	CA01 -CA04*	—
		3.24No of News Letter	Minimum 4 per year	—
		3.25 Developmental activities - No of Activities / department /Academic Year Product Development (IIC, TBI, etc)		—
4.	Infrastructure and Learning Resources	4.1 Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	FMM-01 TO 04	—
		4.2 Laboratory Maintenance Records/Registers	LT03, LT05, LT07*	—

		4.3 Equipment working conditions/Calibration	LT05, LT06, LT08, LT09*	—
		4.4 Latest/Research Level equipments – Availability and Utilization	Stock & utilization register	—
		4.5 Utilization of budget	BD01-BD03, MM23 – MM24*	—
		4.6 Department Library – Maintenance and utilization	Maintenance & utilization register/ Record	—
		4.7 Computing Facilities - Maintenance and utilization	LT07	—
		4.8 E-content development – Videos developed	Question banks PPT/ Records website link	—
5.	Student Support and Progression	5.1 Placement details and training plan for Skill Development	PT 01- PT05*	—
		5.2 Percentage of students placed (Improvement over 3 years)	PT 01-05*	—
		5.3 Awareness programmes on Higher Education	HEC-01 TO 05	—
		5.4 Student participation and success in competitive examinations	HEC -01 TO 05	Success rate can be improved
		5.5 Percentage of students joined higher education	HEC -04	—
		5.6 Entrepreneurship - No of students attended trainings / Dept	Proof as per Quality plan	—
		5.7 Entrepreneurship - No of startups/Dept	Proof	Can be improved
		5.8 Student's participation in Co/Extra-curricular activities (Cultural, Sports, etc.) Paper Presentation/ Project Presentation	SAP files SAP 01 TO 04	—
		5.9 Innovative projects development by students - No of projects developed / department / Academic Year	Proof as per Quality plan	—
		5.10 Innovative projects development by students - No of projects presentation/ student/ Academic Year (through IIC/IEF)	Proof as per Quality plan	—
		5.11 Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire course of study	Proof as per Quality plan	—
		5.12 Paper / Project presentation by students - Other Institutions Minimum presentation/ student / Academic Year	Proof as per Quality plan	—

		5.13 Paper / Project presentation by students - Within institution Minimum presentation/ student/ Academic Year	Proof as per Quality plan	—
		5.14 Student achievements and awards	Student paper & project files	—
		5.15 Alumni Visits, Meetings and Guest Lectures	AL01 – AL04*	—
		5.16 Student Mentoring Report	Corresponding file	—
6.	Governance, Leadership and Management	6.1 SWOT Analysis – Review Meeting	HOD file / MM11 – MM14*	—
		6.2 Academic Audit –Action Taken	IQ 04	—
		6.3 Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	Corresponding file	Documentation can be maintained well
		6.4 Faculty Training – FDP/NPTEL/Industry	TR01- TR03*	—
		6.5 Faculty Qualification Improvement & Retention	Training file	—
		6.6 Skill up-gradation training for Supporting Staff	TR-02	—
		6.7 Day to Day Activities and Parents-Teachers Meeting	PRO-01 TO 04/ MM21*, MM22*	—
		6.8 Department faculty meeting	MM19*, MM20*	—
7.	Institutional Values and Best Practices	7.1 Department Best Practices	IIPC file	—
		7.2 Contribution towards Institutional Values and Social Responsibilities	CoE file	—
		7.3 Contribution towards Special programmes	Association file	—
		7.4 Human values and Professional Ethics related activities	Association file	—
		7.5 Contribution towards Institutional Distinctiveness	Corresponding file	—
		7.6 Practices for Student Self learning	Corresponding file	—

The following parameters are not applicable for S&H department 1.5,1.7,2.1,2.2,2.11,2.12,2.13,2.18,2.19,2.20,2.26,3.7,3.21,3.22,5.1 to 5.7,5.15

\* Even sem onwards

S.No.	Criteria	Major Remarks / Comments
1.	Curricular Aspects	—
2.	Teaching –Learning Process	Course file maintenance and its uniformity can be improved.
3.	Research, Innovation and Extension	Steps may be taken to organize programs and file patents.
4.	Infrastructure and Learning Resources	—
5.	Student Support and Progression	—
6.	Governance Leadership and Management	—
7.	Institutional Values and Best Practices	—
Overall Comments		—

1. 24/09/24 (Dr. C. GOMADURAI)  
 2. 24/09/24 (Dr. M. DHARAVESH KUMAR)  
 3. 24/09/24 (S. VARGHETT)

Auditors  
(with name)

Department IQAC Coordinators  
(with name)

(Dr. S-SHANTHI)

KEC IQAC

Head of the Department  
(with seal)

Dr S MALLIGA  
Professor & Head

Dept. of Computer Science & Engineering

Kongu Engineering College  
Thoppuppalayam (Po) Page 5  
Perundurai, Erode - 638 060



**KONGU ENGINEERING COLLEGE**  
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**INTERNAL QUALITY ASSURANCE CELL**

**NON CONFORMANCE REPORT**



Department: CSE

Date: 14.10.2024

Nonconformities

S. No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Participation of students in Co/Extra-curricular activities	Number of events participation/student/semester needs improvement	Final year students focused on placement and intern.	Students are motivated to participate		Final year class advisors and students	Continuous
2.	Project-to-paper conversion	UG Scopus count needs to be improved	Many students went on internships and few papers are submitted and in review	Students are advised to give importance on publication and a session on research article writing is conducted		Final year students and supervisors	Continuous
3.	Number of seminar/FDP/other proposals to be submitted	Number of Proposals submitted has to be improved	Since more research proposals have been submitted, the number of seminar proposals is less	Equal focus will be given on seminar proposals		All faculty members	Continuous
4.	Centre of Excellence and Revenue generated	Revenue generated/Centre/Academic year needs to be initiated	A certification course is conducted	Less scope for revenue generation		Faculty Incharge	Continuous

4.	Research laboratory visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial Research Centre etc	Visits have to be initiated	Tried to visit, but permission not granted.	Initiated for the current academic year		All faculty members	Continuous
5.	Number of functional MoUs with institutions	Number of activities/Department/Academic Year/MoU needs improvement	Lack of resource persons for a few MoUs	Initiated during the current semester		Faculty concerned	Continous
6.	Paper/project presentation by students	Within institution minimum presentation/student/Academic year needs improvement	Many students have presented papers and projects outside the institute	Students are motivated to participate in institution-level activities		All class advisors and students	Continuous
7.	Number of quality publications in refereed/SCI Journal, citations, Books/Book Chapters etc.	SCI Faculty/department needs improvement	Submitted but under review	Faculty members are motivated to write high quality papers	Session will be planned to create awareness on research tools	All Faculty members	Continuous

1) Dr. C. GOMADURAI *C.Gomadurai*  
15/10/24  
2) Dr. M. Bhuravesh Kumar *M.Bhuravesh Kumar*  
15/10/24

3) MS. S. VARSHINI *S.Varshini*  
15/10/24

Auditor's  
(Name with Designation & Dept.)

*Rishabh T.S*  
15/10/24

Auditee Dept. IQAC Co-ordinator

*huly/15/24*

Auditee Dept. HOD



## KONGU ENGINEERING COLLEGE

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### AUDIT EVALUATION SHEET

#### Audit Evaluation Sheet for the Academic Year 2023-2024 (Inter Department)

Date of Audit: 25.09.2024 &amp; 26.09.2024

Auditors Name and Designation : Dr. C. Rangasami / Physics  
Dr.M.Madhan Mohan / EIE

Audited Department :Information Technology

S.No.	Criteria (Max Mark)	Parameters	File Name Audited	Observations
1.	Curricular Aspects	1.1 Curriculum Design and Development process	CDC-01, CDC-02	Satisfactory
		1.2 Curriculum and syllabus – Planning and Implementation	CDC-03,04,06	Satisfactory
		1.3 Dissemination of regulation, curriculum & Syllabus	CDC-05,10	Satisfactory
		1.4 Minutes of BOS Meeting	CDC- 08,09	Satisfactory
		1.5 Revision in Elective courses	CDC-11	Satisfactory
		1.6 Value Added Courses – Organized and Participation of students	NVC-01 To 06	Sample verified - App Development with flutter course
		1.7 Student involvement in field projects/internships	PR01, PC-05/PT-04*, PR-01*	Internship projects verified. Sample Report (20ITR081-M. Priyadarshini – Company name – Terzo)
		1.8 Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	CDC-07A, 07C,07E,07F,07G, 07P	Satisfactory
		1.9 Mapping of Course Outcomes and Programme Outcomes	CDC-03,04, 06	All the courses were mapped with PO
		1.10 Allotting courses to faculty based on expertise	TT1-01,02 / TT-01, 02*	Time table file verified.

		1.11 Allotment of adequate number of hours in time table for theory/practical/project	TT1 -03,04,05 TT-03-06*	Theory, Practical and Project hours verified. Sample Time Table (Ms.R.Sandhiya) is verified.
2.	Teaching –Learning Process	2.1 Student Enrolment & Improvement in Student Quality Enrolment Ratio = No. of seats filled / No of Seats Approved	HoD -03	HOD file verified
		2.2 Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HoD -04	Adjunct Faculty – Dr.Chellappan
		2.3 Structured Course Plan	CCO-01/ AC03*	22CSC21- Fundamental of Data Structures course file verified. 5 CCC meeting was conducted.
		2.4 Course Coordination Meeting	CCO-02/ AC-01A, 02*	
		2.5 Class Monitoring Committee Meeting	FB 01A, 01*	CMC file verified
		2.6 Course Delivery Methods – Use of ICT tools / Outcome Based Teaching Learning Report	AC-14(Course file)/ AC-03*	Use of ICT tools / Outcome Based Teaching Learning Report is verified for the subjects Introduction to python and Machine Learning
		2.7 Continuous Assessment (CA) Test Question Paper standards	ACO -06 / TE-03*	20ITT62 – Machine Learning CAT QP, Knowledge level percentage is mapping according to the syllabus is verified during scrutiny and also verified the revised QP.
		2.8 Conduct of Continuous Assessment Tests	TCO -01 to 07 / TE-01* #	Test files were verified
		2.9 Evaluation of CA Test papers with Answer key	Course files	Satisfactory
		2.10 Adequate number of Assignments and Tutorials & Evaluation of Assignment & Tutorial	ACO-01, ACO-07/ Course file	Satisfactory
		2.11 Virtual Lab Experiments / Mini project-based experiments - Experiments per course for 2 and 3 years	Course files	20ITT53- Software Engineering course is verified
		2.12 Micro projects in Theory Courses - Simulation / Project based Assessment for tutorials for 2 and 3 years / Semester	Course files	20ITE03- User Interface Design course is verified
		2.13 Field visits for courses - One day factory visits for Theory courses for self-learning in 2 and 3 years of study / dept.	Course files	Satisfactory
		2.14 Remedial Measures for Slow Learners with proof	Course file / AC12*, 13*	Satisfactory
		2.15 Laboratory Plan	LT-01/LT 03, LT04 / AC-09*, AC-10*	Machine Learning Laboratory-Rubrics, Lab Manual and Evaluating experiments were verified

	2.16 Quality of Laboratory Manual	LT-01*, Lab manuals / AC-11*/ Course file	
	2.17 Evaluating experiments – Rubrics/Periodically	AC11*, Course file for Lab	
	2.18 Project Work Review Schedule	PR02 / PR-01 to 04*	20ITP71-Project work II Phase I file is verified.
	2.19 Quality of Project Reports	Project Reports	
	2.20 Evaluation of Projects through Review – Rubrics followed	PR-04*, PR-02*	
	2.21 Continuous Assessment Test Report and Consolidated Report	AC06*, AC07* (Inspro plus)	Satisfactory
	2.22 End Semester Result Analysis	AC08*	End Semester Result Analysis - verified
	2.23 PAC and QIC formulation and Meeting minutes	MM11- MM14*	Satisfactory
	2.24 Student Feedback on Course and Teacher	Course & teacher feedback	Student Feedback and Action taken report is verified
	2.25 Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	PMO 01 to 05/ (2019-23 Batch) PO 01-08*	Satisfactory
	2.26 Alumni - Graduate Exit survey for PO & PSOs at the end of the	Corresponding files	Satisfactory
3. Research, Innovation and Extension	3.1 Seed money Proposals (student funding through IIC may be consider)	Corresponding files	Seed money Obtained (Fg Offr A.J.Jeevanantham)
	3.2 Submission of Project Proposals	RC01/ RD01*	32 Project Proposals submitted. No grant received during 23-24.
	3.3 Research Grants received	RD-10*	Not received any R&D grant. It needs to be initiated- NC
	3.4 Conference / seminar / workshop/FDP/STTP proposals submitted	RC01/ RD01*	16 Seminar proposals submitted.
	3.5 Conference / seminar / workshop/FDP/SSTP organized	RD09*	To be improved - observation
	3.6 Promotion of Start-ups	EMC-01 TO 05	To be improved - observation
	3.7 Conversion of student projects into paper / Patent	RD03*	File Verified – 36 projects are converted into papers and published in SCOPUS indexed and 20 papers are communicated in Scopus.
	3.8 Quality Publications by faculty (SCI/Scopus)	RD02*	File Verified
	3.9 Books/Book chapters/Conference/Patent filed/granted/Published by faculty	RD04*	File Verified
	3.10 Awards / Outside Interaction/ Collaboration of the faculty	RD05*	File Verified
	3.11 PhD pursuing & Completed details	RD-07*	File Verified

	3.12 Membership in Professional Bodies	RD-08*	File Verified
	3.13 Students Enrollment Ph.D. - No of new students enrolled for the doctoral program	Corresponding files	File Verified
	3.14 Minimum no of citations Faculty / dept/Academic year	Corresponding files	File Verified
	3.15 PhD awarded - No of candidates/Year	Corresponding files	File Verified
	3.16 Conferences attended - Faculty / Academic Year	Corresponding files	File Verified
	3.17 Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department /Academic Year	Corresponding files	Research laboratory visit – DRDO file is verified
	3.18 Industrial Consultancy/Testing Identification Report	IC 01*, IC-03*	Rs.4,52,871 – Generated through IIPC (23-24)
	3.19 MoUs signed and activities Record	IC 02*	MoUs File Verified
	3.20 Industrial Training (IIPC/Other Grants)/ Self Supporting Program	IC– 04*	File Verified
	3.21 In plant Training/Internship	IP -01*	File Verified
	3.22 Industrial visits arranged for students	IV-01,02,03,04*	File Verified
	3.23 Association activities / Clubs/Professional Societies/ Cell's	CA01 –CA04*	File Verified
	3.24 No of News Letter	Minimum 4 per year	File Verified
	3.25 Developmental activities - No of Activities / department /Academic Year Product Development (IIC, TBI, etc)		Satisfactory
4.	Infrastructure and Learning Resources	4.1 Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	FMM-01 TO 04 All Physical facilities verified
		4.2 Laboratory Maintenance Records/Registers	LT03, LT05, LT07* Satisfactory
		4.3 Equipment working conditions/Calibration	LT05, LT06, LT08, LT09* Satisfactory
		4.4 Latest/Research Level equipments – Availability and Utilization	Stock & utilization register Satisfactory
		4.5 Utilization of budget	BD01-BD03, MM23 – MM24* Budget sanction and utilization - Data clarity to be improved - observation
		4.6 Department Library – Maintenance and utilization	Maintenance & utilization register/ Record File Verified
		4.7 Computing Facilities - Maintenance and utilization	LT07 Satisfactory
		4.8 E-content development – Videos developed	Question banks PPT/ Records website link Satisfactory

5.	Student Support and Progression	5.1 Placement details and training plan for Skill Development	PT 01- PT05*	Files Verified Sample: Highest Package: Roll No - 20ITR044 Name: P Kanishkar Company - SOFTWARE AG Salary – 10Lakh Internship 21ITR040 – Hari Sowndarya Placed in OpenmyzSoftlabs with stipend of Rs.35000 from July 24 – June 2025 Final year student record to be updated
		5.2 Percentage of students placed (Improvement over 3 years)	PT 01-05*	Overall Placement percentage reduced over last 3 years 2020-21: 98% 2021-22: 95% 2022-23: 98% 2022-23: 82%
		5.3 Awareness programmes on Higher Education	HEC-01 TO 05	Files Verified
		5.4 Student participation and success in competitive examinations	HEC -01 TO '05	No. of students participated in competitive examinations need to be improved
		5.5 Percentage of students joined higher education	HEC -04	6% students joined HE
		5.6 Entrepreneurship - No of students attended trainings / Dept	Proof as per Quality plan	Satisfactory 17 Events Conducted / 7 members attended
		5.7 Entrepreneurship - No of startups/Dept	Proof	Sample Entrepreneur: Deepak Rajkumar, Soil Venture, (Website Developer)
		5.8 Student's participation in Co/Extra-curricular activities (Cultural, Sports, etc.) Paper Presentation/ Project Presentation	SAP files SAP 01 TO 04	Non-Conformity: SAP 01 TO 04, SAP XL data mapping to be verified and need improvement
		5.9 Innovative projects development by students - No of projects developed / department / Academic Year	Proof as per Quality plan	Satisfactory
		5.10 Innovative projects development by students - No of projects presentation/ student/ Academic Year (through IIC/IEF)	Proof as per Quality plan	Satisfactory

	5.11 Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire course of study	Proof as per Quality plan	Non-Conformity: Participants in premier institutions need to be improved (11 student /370 strength) Sample:22EIR046 Kiruba wins 2nd prize in Coding contest held at PSG College of Technology
	5.12 Paper / Project presentation by students - Other Institutions Minimum presentation/ student / Academic Year	Proof as per Quality plan	Satisfactory
	5.13 Paper / Project presentation by students - Within institution Minimum presentation/ student/ Academic Year	Proof as per Quality plan	Satisfactory KecHackathon: 22EIR068 Naveen kumar: SAP Point Calculator
	5.14 Student achievements and awards	Student paper & project files	Satisfactory Sample: 2EIR018 Dharanish win gold medal in Anna University Zone -12 20ITR098 Win Ist prize in Malla Reddy Engineering College, Hyderabad
	5.15 Alumni Visits, Meetings and Guest Lectures	AL01 – AL04*	Files Verified
	5.16 Student Mentoring Report	Corresponding file	Files Verified
6.	Governance, Leadership and Management	6.1 SWOT Analysis – Review Meeting	File Verified
		6.2 Academic Audit –Action Taken	File Verified
		6.3 Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	Need Improvement in Collaboration with Foreign Universities New Courses: Nil
		6.4 Faculty Training – FDP/NPTEL/Industry	File Verified
		6.5 Faculty Qualification Improvement & Retention	File Verified Faculty shuffled with other department
		6.6 Skill up-gradation training for Supporting Staff	File Verified – undergone 100%
		6.7 Day to Day Activities and Parents-Teachers Meeting	File Verified
		6.8 Department faculty meeting	File Verified
7.	Institutional Values and Best Practices	7.1 Department Best Practices	File Verified
		7.2 Contribution towards Institutional Values and Social Responsibilities	File Verified
		7.3 Contribution towards Special programmes	File Verified

	7.4 Human values and Professional Ethics related activities	Association file	File Verified
	7.5 Contribution towards Institutional Distinctiveness	Corresponding file	File Verified
	7.6 Practices for Student Self learning	Corresponding file	File Verified

The following parameters are not applicable for S&H department 1.5,1.7,2.1,2.2,2.11,2.12,2.13,2.18,2.19,2.20,2.26,3.7,3.21,3.22,5.1 to 5.7,5.15

\* Even sem onwards

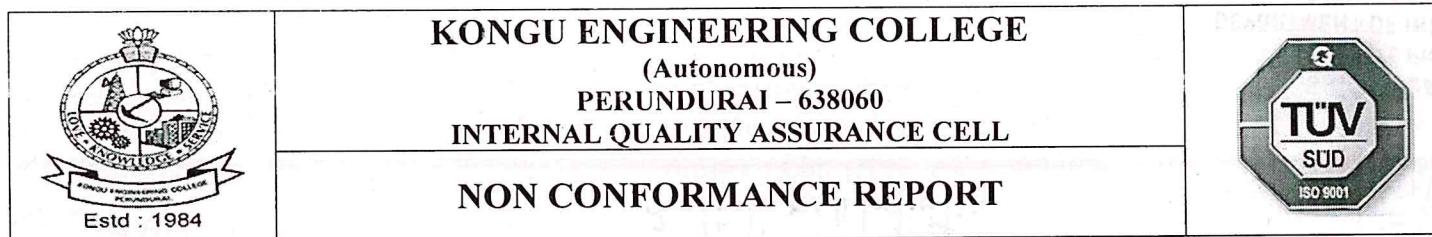
S.No.	Criteria	Major Remarks / Comments
1.	Curricular Aspects	Good in Curricular Aspects
2.	Teaching –Learning Process	Satisfactory
3.	Research, Innovation and Extension	Necessary steps to be taken to get R and D projects
4.	Infrastructure and Learning Resources	Lab budget details to be improved
5.	Student Support and Progression	Paper Presentation involvement in premier institutions need to be improved. Maintenance of SAP 01 TO 04and SAP XL data mapping need improvement Highest Package Salary for student: 10 Lakh
6.	Governance Leadership and Management	Need Improvement in Collaboration with Foreign Universities
7.	Institutional Values and Best Practices	File maintained 4 new MoU Signed in Current Academic Year Converting Student Project into Consultancy
<b>Overall Comments</b>		Document presentation is Good. Need to concentrate on research criteria.

1. R. *[Signature]* 7/10/24  
 2. C. *[Signature]* 7/10/24  
 Department IQAC Coordinators  
 (with name)

Dr.R.Shanthakumari / ASP / IT  
 Dr.E.M.Roopa Devi / ASP / IT

*[Signature]* 7/10/24  
 M. *[Signature]* 7/10/24  
 Auditors  
 (with name)  
 Dr. C.Rangasami / Prof. / Physics  
 Dr.M.Madhan Mohan/ ASP/ EIE

*[Signature]* 7/10/24  
 Head of the Department  
 (with seal)  
**Dr. S.ANANDAMURUGAN, ME, PhD**  
**ASSOCIATE PROFESSOR AND HEAD**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**KONGU ENGINEERING COLLEGE,**  
**PERUNDURAI, ERODE, TAMILNADU.**



Department: Information Technology

Date: 05.10.2024

Nonconformities

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Research, Innovation and Extension	<ul style="list-style-type: none"> <li>Not received any R&amp;D grant. It needs to be initiated</li> </ul>	Faculty are regularly applying for Research Grants but not sanctioned	Faculty are asked to select research projects collaboratively or interdisciplinary.	Faculty are grouped based on their domain expertise and asked to stay back to apply for research grants	All Faculty	May 2025
2.	Student Support and Progression	<ul style="list-style-type: none"> <li>SAP 01 TO 04, SAP XL data mapping to be verified and need improvement</li> </ul>	Wrongly entered by new faculty	New faculty has to be trained to enter the details properly	Final check has to be done before auditing	Ms.S. Krishnaveni	18.10.24
		<ul style="list-style-type: none"> <li>Participants in premier institutions need to be improved</li> </ul>	Students are going to Colleges a level below our institution	Students must be identified and motivated to go to premier institutions	Top 10% of the students will be identified and motivated to participate compulsorily	All Class Advisors	May 2025

Observations (Opportunities for improvement)

S.No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Research, Innovation and Extension	• Sponsored Conference / seminar / workshop/FDP/SSTP organized :NIL	Applied to funding agencies, but not sanctioned	Faculty are trying their best in applying to Government agencies continuously	-	All Faculty	March 2025
		• Promotion of Start-ups: Nil	As students are striving for placements, they don't show interest in start-ups	Students are motivated to attend programmes organized by EMDC, TBI, IIC	--	EMDC Incharge	March 2025
2.	Infrastructure and Learning Resources	• Budget sanction and utilization - Data clarity to be improved	We have utilised 65% of the budget. Some of the proposals are shifted to next year budget	This year we have planned for establishing Conference Hall and Project Lab	--	Budget Incharge	March 2025
3.	Student Support and Progression	• Final year student record to be updated	Placement details were not entered in the records of the passed out students	Class advisors are asked to enter the details periodically	--	All Class advisors	March 2025
4.	Governance Leadership and Management	• Need Improvement in Collaboration with Foreign Universities	As students are striving for placements, they don't show interest in higher studies.	Opportunities about the studies/6 months internship programmes are circulated to students.	--	HoD and Senior Faculty	March 2025

8/3/2024  
7/10/24

Auditor's

(Name with Designation & Dept)

Dr. C.Rangasami / Prof. / Physics

Dr.M.Madhan Mohan / ASP/ EIE

1. R. Shan 7/10/24

2. G. P. Pal 7/10/24

Auditee Dept. IQAC Co-ordinator

Dr.R.Santhakumari / ASP / IT

Dr.E.M.Roopa Devi / ASP / IT

R. S.  
7/10/24

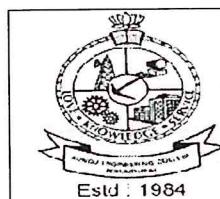
Auditee Dept. HOD

Dr.S.Anandamurugan / ASP / IT

Dr. S. ANANDAMURUGAN, ME, PhD

ASSOCIATE PROFESSOR AND HEAD

DEPARTMENT OF INFORMATION TECHNOLOGY,  
KONGU ENGINEERING COLLEGE,  
PERUNDURAI, ERODE, TAMILNADU.



## KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI – 638060

INTERNAL QUALITY ASSURANCE CELL



### AUDIT EVALUATION SHEET

#### Audit Evaluation Sheet for the Academic Year 2023-2024 (Inter Department)

Date of Audit : 25.09.2024

Auditors Name and Designation : Dr.S.Karthikeyan, AP(Sr.G) / Civil  
Ms.C.Jamunadevi, AP(Sr.G)/ CT-PG

Audited Department : Artificial Intelligence

S.No.	Criteria (Max Mark)	Parameters	File Name Audited	Observations
1.	Curricular Aspects	1.1 Curriculum Design and Development process	CDC-01, CDC-02	R2022 Regulation File Verified
		1.2 Curriculum and syllabus – Planning and Implementation	CDC-03,04,06	R2022 Regulation File Verified
		1.3 Dissemination of regulation, curriculum & Syllabus	CDC-05,10	R2022 Regulation File Verified
		1.4 Minutes of BOS Meeting	CDC- 08,09	R2022 Regulation File Verified-minutes to be signed.
		1.5 Revision in Elective courses	CDC-11	R2022 Regulation File Verified- Data missing.
		1.6 Value Added Courses – Organized and Participation of students	NVC-01 To 06	6 courses completed. File verified
		1.7 Student involvement in field projects/internships	PR01, PC-05/PT-04*,PR-01*	File Verified
		1.8 Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	CDC-07A, 07C,07E,07F,07G, 07P	Noted – received in Google form.
		1.9 Mapping of Course Outcomes and Programme Outcomes	CDC-03,04, 06	BoS file verified for R2022.
		1.10 Allotting courses to faculty based on expertise	TT1-01,02 / TT-01, 02*	Time Table file verified.
		1.11 Allotment of adequate number of hours in time table for theory/practical/project	TT1 -03,04,05/ TT-03-06*	Time Table file verified.
2.	Teaching –Learning Process	2.1 Student Enrolment & Improvement in Student Quality Enrolment Ratio = No. of seats filled / No of Seats Approved	HoD -03	File Verified
		2.2 Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HoD -04	File Verified

	2.3 Structured Course Plan	CCO-01/ AC03*	Course files for 22ALT33 (T), 20ALL61 (P) & 22ADC31 (T+P) verified
	2.4 Course Coordination Meeting	CC0-02/ AC-01A, 02*	Verified in above course files
	2.5 Class Monitoring Committee Meeting	FB 01A, 01*	File Verified
	2.6 Course Delivery Methods – Use of ICT tools / Outcome Based Teaching learning Report	AC-14(Course file)/ AC-03*	Verified in above course files
	2.7 Continuous Assessment (CA) Test Question Paper standards	ACO -06 / TE-03*	Test file verified. Question paper scrutiny done but scrutiny report not in format.
	2.8 Conduct of Continuous Assessment Tests	TCO -01 to 07 / TE-01* #	Test file verified
	2.9 Evaluation of CA Test papers with Answer key	Course files	Verified. Mark split-ups missing in few answer keys
	2.10 Adequate number of Assignments and Tutorials & Evaluation of Assignment & Tutorial	ACO-01, ACO-07/ Course file	File Verified
	2.11 Virtual Lab Experiments / Mini project based experiments - Experiments per course for 2 and 3 years	Course files	File Verified
	2.12 Micro projects in Theory Courses - Simulation / Project based Assessment for tutorials for 2 and 3 years / Semester	Course files	Project works converted to journal papers. Submission copy verified. No separate document available
	2.13 Field visits for courses - One day factory visits for Theory courses for self-learning in 2 and 3 year of study / dept.	Course files	No field visit related to specific subjects arranged as all are programming related papers
	2.14 Remedial Measures for Slow Learners with proof	Course file / AC12*, 13*	File Verified
	2.15 Laboratory Plan	LT-01/LT 03, LT04 / AC-09*, AC-10*	20ALL61 File Verified
	2.16 Quality of Laboratory Manual	LT-01*, Lab manuals / AC-11*/ Course file	20ALL61 File Verified
	2.17 Evaluating experiments – Rubrics/Periodically	AC11*, Course file for Lab	20ALL61 File Verified
	2.18 Project Work Review Schedule	PR02 / PR-01 to 04*	File Verified
	2.19 Quality of Project Reports	Project Reports	Sample report for sixth semester project verified
	2.20 Evaluation of Projects through Review – Rubrics followed	PR-04*, PR-02*	File Verified
	2.21 Continuous Assessment Test Report and Consolidated Report	AC06*, AC07* (Inspro plus)	File Verified
	2.22 End Semester Result Analysis	AC08*	File Verified
	2.23 PAC and QIC formulation and Meeting minutes	MM11- MM14*	File Verified
	2.24 Student Feedback on Course and Teacher	Course & teacher feedback	File Verified

		2.25 Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	PMO 01 to 05/ (2019-23 Batch) PO 01-08*	Not applicable as students are in second year during 2023.
		2.26 Alumni - Graduate Exit survey for PO & PSOs at the end of the programme	Corresponding files	Not applicable as still no alumni from department.
3.	Research, Innovation and Extension	3.1 Seed money Proposals (student funding through IIC may be consider)	Corresponding files	No Seed money received
		3.2 Submission of Project Proposals	RC01/ RD01*	13 R&D proposal submitted – File Verified
		3.3 Research Grants received	RD-10*	Grant Received from ICMR Rs.19,66,880 – File Verified
		3.4 Conference / seminar / workshop/FDP/STTP proposals submitted	RC01/ RD01*	17 seminar proposal submitted - File Verified
		3.5 Conference / seminar / workshop/FDP/SSTP organized	RD09*	Received Rs.30,000 from DRDO – File Verified.
		3.6 Promotion of Start-ups	EMC-01 TO 05	Start-ups need to be initiated.
		3.7 Conversion of student projects into paper / Patent	RD03*	Not Applicable, since the students are in 3 <sup>rd</sup> year.
		3.8 Quality Publications by faculty (SCI/Scopus)	RD02*	File Verified – NC noted in NC register.
		3.9 Books/Book chapters/Conference/Patent filed/granted/Published by faculty	RD04*	Book chapters – 7, Conference- 53, Patent-1 filed
		3.10 Awards / Outside Interaction/ Collaboration of the faculty	RD05*	Nil – Need Improvement
		3.11 PhD pursuing & Completed details	RD-07*	File Verified
		3.12 Membership in Professional Bodies	RD-08*	File Verified – CSI, ISTE
		3.13 Students Enrollment Ph.D. - No of new students enrolled for the doctoral program	Corresponding files	File Verified – T.Vanaja - 23244697123
		3.14 Minimum no of citations Faculty / dept/Academic year	Corresponding files	Data Verified
		3.15 PhD awarded - No of candidates/Year	Corresponding files	One candidate
		3.16 Conferences attended - Faculty /Academic Year	Corresponding files	File Verified – NC noted in NC register
		3.17 Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department /Academic Year	Corresponding files	Nil – Need Improvement
		3.18 Industrial Consultancy/Testing Identification Report	IC 01*, IC-03*	One consultancy work.
		3.19 MoUs signed and activities Record	IC 02*	One MoU with PunchBIZ – File verified - Need Improvement
		3.20 Industrial Training (IIPC/Other Grants)/ Self Supporting Program	IC- 04*	Nil – Need Improvement

		3.21 In plant Training/Internship	IP -01*	File Verified
		3.22 Industrial visits arranged for students	IV-01,02,03,04*	III year IV file verified
		3.23 Association activities / Clubs/Professional Societies/ Cell's	CA01 –CA04*	File Verified
		3.24 No of News Letter	Minimum 4 per year	Four news letter published
		3.25 Developmental activities - No of Activities / department /Academic Year Product Development (IIC, TBI, etc)		Ideathon, SIH - File Verified
4.	Infrastructure and Learning Resources	4.1 Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	FMM-01 TO 04	File verified
		4.2 Laboratory Maintenance Records/Registers	LT03, LT05, LT07*	Lab files verified
		4.3 Equipment working conditions/Calibration	LT05, LT06, LT08, LT09*	Calibration not required
		4.4 Latest/Research Level equipments – Availability and Utilization	Stock & utilization register	No specific research equipment available.
		4.5 Utilization of budget	BD01-BD03, MM23 – MM24*	File verified
		4.6 Department Library – Maintenance and utilization	Maintenance & utilization register/ Record	Library not yet established in department.
		4.7 Computing Facilities - Maintenance and utilization	LT07	File verified
		4.8 E-content development – Videos developed	Question banks PPT/ Records website link	Faculty webpage verified
5.	Student Support and Progression	5.1 Placement details and training plan for Skill Development	PT 01- PT05*	Not Applicable, since the students are in 3 <sup>rd</sup> year.
		5.2 Percentage of students placed (Improvement over 3 years)	PT 01-05*	
		5.3 Awareness programmes on Higher Education	HEC-01 TO 05	HEC file verified.
		5.4 Student participation and success in competitive examinations	HEC -01 TO 05	
		5.5 Percentage of students joined higher education	HEC -04	
		5.6 Entrepreneurship - No of students attended trainings / Dept	Proof as per Quality plan	Not Applicable, since the students are in 2 <sup>nd</sup> & 3 <sup>rd</sup> year
		5.7 Entrepreneurship - No of startups/Dept	Proof	Nil – Need improvement
		5.8 Student's participation in Co/Extra-curricular activities (Cultural, Sports, etc.) Paper Presentation/ Project Presentation	SAP files SAP 01 TO 04	III Year AIDS-file verified
		5.9 Innovative projects development by students - No of projects developed / department / Academic Year	Proof as per Quality plan	File Verified
		5.10 Innovative projects development by students - No of projects presentation/ student/ Academic Year (through IIC/IEF)	Proof as per Quality plan	File Verified
		5.11 Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire course of study	Proof as per Quality plan	III Year AIDS-file verified – Need consolidation report.
		5.12 Paper / Project presentation by students - Other Institutions Minimum presentation/ student / Academic Year	Proof as per Quality plan	III Year AIDS-file verified – Need consolidation report.

		5.13 Paper / Project presentation by students - Within institution Minimum presentation/ student/ Academic Year	Proof as per Quality plan	III Year AIDS-file verified – Need consolidation report.
		5.14 Student achievements and awards	Student paper & project files	Needs Improvement
		5.15 Alumni Visits, Meetings and Guest Lectures	AL01 – AL04*	Not Applicable, since the students are in 3 <sup>rd</sup> year.
		5.16 Student Mentoring Report	Corresponding file	III Year AIDS-file verified
6.	Governance, Leadership and Management	6.1 SWOT Analysis – Review Meeting	HOD file / MM11 – MM14*	File verified.
		6.2 Academic Audit –Action Taken	IQ 04	File verified.
		6.3 Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	Corresponding file	Centre of excellence in Real Time Analytics – File verified Papers published with faculty from foreign universities. Details verified
		6.4 Faculty Training – FDP/NPTEL/Industry	TR01- TR03*	File verified.
		6.5 Faculty Qualification Improvement & Retention	Training file	File verified.
		6.6 Skill up-gradation training for Supporting Staff	TR-02	File verified.
		6.7 Day to Day Activities and Parents-Teachers Meeting	PRO-01 TO 04/ MM21*, MM22*	File verified.
		6.8 Department faculty meeting	MM19*, MM20*	File verified.
7.	Institutional Values and Best Practices	7.1 Department Best Practices	IIPC file	II yr and III yr internship data verified
		7.2 Contribution towards Institutional Values and Social Responsibilities	CoE file	File verified
		7.3 Contribution towards Special programmes	Association file	Association file verified
		7.4 Human values and Professional Ethics related activities	Association file	Events conducted. Association file verified
		7.5 Contribution towards Institutional Distinctiveness	Corresponding file	AWS file verified
		7.6 Practices for Student Self learning	Corresponding file	NPTEL file verified

The following parameters are not applicable for S&H department 1.5,1.7,2.1,2.2,2.11,2.12,2.13,2.18,2.19,2.20,2.26,3.7,3.21,3.22,5.1 to 5.7,5.15

\* Even sem onwards

S.No.	Criteria	Major Remarks / Comments
1.	Curricular Aspects	Regulation 2022 file verified.
2.	Teaching –Learning Process	Course files verified.
3.	Research, Innovation and Extension	13 R&D proposal submitted , 17 seminar proposal submitted, Received Rs.30,000 from DRDO Research Grant of Rs.19,66,880 received from ICMR.
4.	Infrastructure and Learning Resources	Department library yet to be established.
5.	Student Support and Progression	Consolidated report not available for few parameters.
6.	Governance Leadership and Management	-
7.	Institutional Values and Best Practices	-
<b>Overall Comments</b>		Document presentation is Good. Signature missing in few documents. Need to follow IQAC formats.

Lalit  
5/10/24

Department IQAC Coordinators  
(with name)

Dr.K.S.Kalairani

Chennai

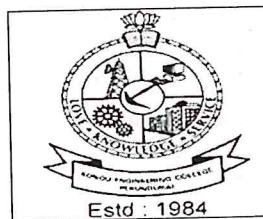
C.Julu  
5/10/24 SP  
5/10/24

Auditors  
(with name)

1. C.JAMUNADEVI
2. Dr. S.Karthikayam

C.S.Kannan  
5/10/24

Head of the Department  
(with seal)



**KONGU ENGINEERING COLLEGE**  
**(Autonomous)**  
**PERUNDURAI – 638060**  
**INTERNAL QUALITY ASSURANCE CELL**  
**NON CONFORMANCE REPORT**



Date: 05.10.24

Department: Artificial Intelligence

Nonconformities

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Research	9 faculty members have not published in SCI Journals	Papers submitted and under review	Insisted the faculty members to submit papers in SCI journals	R&D coordinator will monitor the publication details regularly	All faculty members	May 2025
		6 faculty members have no SCOPUS publications	Papers presented in the conference, but not indexed till May 2024	Asked the faculty members to submit papers in the beginning of the academic year itself			
		Amount generated through consultancy and training is very less	Most of the faculty members are new and so they could not identify projects and offer training	Advised the faculty members to identify consultancy projects and offer training	IIPC coordinator will monitor the process regularly	All faculty members	May 2025
		1 faculty member has not submitted seminar/FDP/other proposals	The faculty member joined during January 2024	Instructed the faculty members to submit proposals			

		No Patents are applied and published	Most of the faculty members are new and also in the area of AI, only design patents can be filed	Asked the faculty members to file design patents	-	All faculty members	May 2025
		No Seed money received	Since the students are in second and third year, they could not identify projects	Instructed the faculty members to help the students to identify projects and submit for funding	-	All faculty members	May 2025
2.	Budget Allocation & Utilization	Around 67% of budget sanctioned is utilized	Activities planned is postponed	Budget utilization to be monitored periodically with the budget planned	-	Budget coordinator	May 2025

#### Observations (Opportunities for improvement)

S.No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Student Support and Progression	36 % of students have not participated in Co/Extra-curricular activities	Students did not show interest in participating in Co/Extra-curricular activities	Encouraged the students to participate in Co/Extra-curricular activities, paper/project presentation	SAP coordinators are asked to circulate the information about the various competitions regularly to the students	Student Activity Point Coordinators	May 2025
		21% of students have not participated in paper/project presentation within the institution	Students were interested to participate in paper/project presentation in other institutions				

		49% of students have no membership in societies /clubs	Students did not show interest to become members in societies/clubs				
		Student achievements and awards is very less	Students did not show interest				
		Startups not initiated	Students are in second and third year	Encouraged the students to initiate startup		EMDC coordinator	May 2025

C. Sujitha  
5/10/24  
Auditor's

(Name with Designation & Dept.)

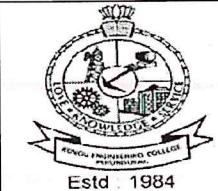
1. C. JAMUNADEVI

2. Dr. S. Kirthiangan

S. S. S. S.  
5/10/24  
Auditee Dept. IQAC Co-ordinator

K. S. Kalavani

C. S. Kanishka  
5/10/24  
Auditee Dept. HOD



**KONGU ENGINEERING COLLEGE**  
(Autonomous)  
PERUNDURAI – 638060  
INTERNAL QUALITY ASSURANCE CELL  
**AUDIT EVALUATION SHEET**



**Audit Evaluation Sheet for the Academic Year 2023-2024**  
**(Inter Department)**

Auditors Name and Designation: Dr.M.Pyingkodi & ASP  
Dr.K.S.Kalaivani & ASP

Date of Audit :30.09.2024  
Audited Department :CSD

S.No	Criteria (Max Mark)	Parameters	File Name Audited	Observations
1.	Curricular Aspects	1.1 Curriculum Design and Development process	CDC-01, CDC-02	Verified ok
		1.2 Curriculum and syllabus – Planning and Implementation	CDC-03,04,06	168 credits was planned. Verified ok
		1.3 Dissemination of regulation, curriculum & Syllabus	CDC-05,10	Verified ok
		1.4 Minutes of BOS Meeting	CDC- 08,09	Verified ok

		1.5 Revision in Elective courses	CDC-11	No revision have been carried out. Verified ok
		1.6 Value Added Courses – Organized and Participation of students	NVC-01 To 06	NVC 01 – 03 Not found NVC 04 verified ok
		1.7 Student involvement in field projects/internships	PR01, PC-05/PT-04*,PR-01*	20CDP61 – verified ok
		1.8 Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	CDC-07A, 07C,07E,07F,07G, 07P	verified ok
		1.9 Mapping of Course Outcomes and Programme Outcomes	CDC-03,04, 06	22CDC32 – verified ok
		1.10 Allotting courses to faculty based on expertise	TT1-01,02 / TT-01, 02*	verified ok
		1.11 Allotment of adequate number of hours in time table for theory/practical/project	TT1 -03,04,05/ TT-03-06*	22CDC32 – 4 credits 5 hrs allotted in the timetable
2.	Teaching –Learning Process	2.1 Student Enrolment & Improvement in Student Quality Enrolment Ratio = No. of seats filled / No of Seats Approved	HoD -03	verified ok
		2.2 Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HoD -04	verified ok

	2.3 Structured Course Plan	CCO-01/ AC03*	22CDT42 – 76 hrs planned & 56 hrs conducted
	2.4 Course Coordination Meeting	CCO-02/ AC-01A, 02*	10.01.2024 meeting planned & conducted
	2.5 Class Monitoring Committee Meeting	FB 01A, 01*	22.12.2023 meeting conducted
	2.6 Course Delivery Methods – Use of ICT tools / Outcome Based Teaching learning Report	AC-14(Course file)/ AC-03*	verified ok
	2.7 Continuous Assessment (CA) Test Question Paper standards	ACO -06 / TE-03*	verified ok
	2.8 Conduct of Continuous Assessment Tests	TCO -01 to 07 / TE-01* #	verified ok
	2.9 Evaluation of CA Test papers with Answer key	Course files	22CDT42 - verified Answer key mark split up missing for the big questions
	2.10 Adequate number of Assignments and Tutorials & Evaluation of Assignment & Tutorial	ACO-01, ACO-07/ Course file	22CDT42 - verified Tutorial -1 sample missing
	2.11 Virtual Lab Experiments / Mini project based experiments - Experiments per course for 2 and 3 years	Course files	20CDL61 – Verified ok
	2.12 Micro projects in Theory Courses - Simulation / Project based Assessment for tutorials for 2 and 3 years / Semester	Course files	Not Found
	2.13 Field visits for courses - One day factory visits for Theory courses for self-learning in 2 and 3 year of study / dept.	Course files	20CDT61 – Verified Students visited to Set Next Company, Erode
	2.14 Remedial Measures for Slow Learners with proof	Course file / AC12*, 13*	22CDT42 - verified
	2.15 Laboratory Plan	LT-01/LT 03, LT04 / AC-09*,	22CDL32 – Verified ok

	2.16 Quality of Laboratory Manual	LT-01*, Lab manuals / AC-11*/ Course file	22CDL42 & 22CDL52 verified ok	
	2.17 Evaluating experiments – Rubrics/Periodically	AC11*, Course file for Lab	22CDL52 verified ok	
	2.18 Project Work Review Schedule	PR02 / PR-01 to 04*	20CDP61 - Verified	
	2.19 Quality of Project Reports	Project Reports	OK	
	2.20 Evaluation of Projects through Review – Rubrics followed	PR-04*, PR-02*	20CDP61 - Verified	
	2.21 Continuous Assessment Test Report and Consolidated Report	AC06*, AC07* (Inopro plus)	Verified OK	
	2.22 End Semester Result Analysis	AC08*	Verified OK	
	2.23 PAC and QIC formulation and Meeting minutes	MM11- MM14*	Meeting Minutes not Found	
	2.24 Student Feedback on Course and Teacher	Course & teacher feedback	22CDC32 - verified	
	2.25 Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	PMO 01 to 05/ (2019-23 Batch) PO 01-08*	Yet to complete first batch students	
	2.26 Alumni - Graduate Exit survey for PO & PSOs at the end of the programme	Corresponding files	Yet to complete first batch students	
3.	Research, Innovation and Extension	3.1 Seed money Proposals (student funding through IIC may be consider)	Corresponding files	NIL
	3.2 Submission of Project Proposals	RC01/ RD01*	Two project proposal submitted	
	3.3 Research Grants received	RD-10*	NIL	

	3.4 Conference / seminar / workshop/FDP/STTP proposals submitted	RC01/ RD01*	10 seminar proposal submitted
	3.5 Conference / seminar / workshop/FDP/SSTP organized	RD09*	NIL
	3.6 Promotion of Start-ups	EMC-01 TO 05	NIL
	3.7 Conversion of student projects into paper / Patent	RD03*	NIL
	3.8 Quality Publications by faculty (SCI/Scopus)	RD02*	Three SCI papers & 11 Scopus papers were published
	3.9 Books/Book chapters/Conference/Patent filed/granted/Published by faculty	RD04*	NIL
	3.10 Awards / Outside Interaction/ Collaboration of the faculty	RD05*	NIL
	3.11 PhD pursuing & Completed details	RD-07*	Not in the IQAC format.
	3.12 Membership in Professional Bodies	RD-08*	Not in the IQAC format.
	3.13 Students Enrollment Ph.D. - No of new students enrolled for the doctoral program	Corresponding files	One student has enrolled
	3.14 Minimum no of citations Faculty / dept/Academic year	Corresponding files	Verified ok
	3.15 PhD awarded - No of candidates/Year	Corresponding files	NIL
	3.16 Conferences attended - Faculty /Academic Year	Corresponding files	Six faculty members presented paper in conference
	3.17 Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department /Academic Year	Corresponding files	NIL

	3.18 Industrial Consultancy/Testing Identification Report	IC 01*, IC-03*	Verified ok
	3.19 MoUs signed and activities Record	IC 02*	Three activities conducted
	3.20 Industrial Training (IIPC/Other Grants)/ Self Supporting Program	IC- 04*	NIL
	3.21 In plant Training/Internship	IP -01*	Not in the IQAC format.
	3.22 Industrial visits arranged for students	IV-01,02,03,04*	Not in the IQAC format.
	3.23 Association activities / Clubs/Professional Societies/ Cell's	CA01 -CA04*	Verified ok
	3.24. No of News Letter	Minimum 4 per year	Verified ok
	3.25 Developmental activities - No of Activities / department /Academic Year Product Development (IIC, TBI, etc)		NIL
4.	4.1 Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	FMM-01 TO 04	File verified
	4.2 Laboratory Maintenance Records/Registers	LT03, LT05, LT07*	Lab files verified
	4.3 Equipment working conditions/Calibration	LT05, LT06, LT08, LT09*	Lab files verified. Calibration not required
	4.4 Latest/Research Level equipments – Availability and Utilization	Stock & utilization register	No specific research equipment available.
	4.5 Utilization of budget	BD01-BD03, MM23 – MM24*	File verified

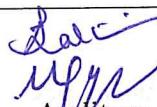
		4.6 Department Library – Maintenance and utilization	Maintenance & utilization register/	Library not yet established in department.
		4.7 Computing Facilities - Maintenance and utilization	LT07	File verified
		4.8 E-content development – Videos developed	Question banks PPT/ Records website link	File verified
5.	Student Support and Progression	5.1 Placement details and training plan for Skill Development	PT 01- PT05*	File verified for training.
		5.2 Percentage of students placed (Improvement over 3 years)	PT 01-05*	Not Applicable, since the students are in 3 <sup>rd</sup> year.
		5.3 Awareness programmes on Higher Education	HEC-01 TO 05	HEC file verified.
		5.4 Student participation and success in competitive examinations	HEC -01 TO 05	
		5.5 Percentage of students joined higher education	HEC -04	
		5.6 Entrepreneurship - No of students attended trainings / Dept	Proof as per Quality plan	Not Applicable, since the students are in 2 <sup>nd</sup> & 3 <sup>rd</sup> year
		5.7 Entrepreneurship - No of startups/Dept	Proof	Nil – Need improvement
		5.8 Student's participation in Co/Extra-curricular activities (Cultural, Sports, etc.) Paper Presentation/ Project Presentation	SAP files SAP 01 TO 04	III Year file verified. Not in format
		5.9 Innovative projects development by students - No of projects developed / department / Academic Year	Proof as per Quality plan	File Verified
		5.10 Innovative projects development by students - No of projects presentation/ student/ Academic Year (through IIC/IEF)	Proof as per Quality plan	File Verified
		5.11 Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire course of study	Proof as per Quality plan	III Year file verified – Need consolidation report.

		5.12 Paper / Project presentation by students - Other Institutions Minimum presentation/ student / Academic Year	Proof as per Quality plan	III Year file verified – Need consolidation report.
		5.13 Paper / Project presentation by students - Within institution Minimum presentation/ student/ Academic Year	Proof as per Quality plan	III Year file verified – Need consolidation report.
		5.14 Student achievements and awards	Student paper & project files	Needs Improvement
		5.15 Alumni Visits, Meetings and Guest Lectures	AL01 – AL04*	Not Applicable, since the students are in 3 <sup>rd</sup> year.
		5.16 Student Mentoring Report	Corresponding file	III Year file verified
6.	Governance, Leadership and Management	6.1 SWOT Analysis – Review Meeting	HOD file / MM11 – MM14*	File verified.
		6.2 Academic Audit –Action Taken	IQ 04	File verified.
		6.3 Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	Corresponding file	Centre of excellence – file verified Papers published with faculty from foreign universities is low New Courses - Details verified
		6.4 Faculty Training – FDP/NPTEL/Industry	TR01- TR03*	File verified.
		6.5 Faculty Qualification Improvement & Retention	Training file	File verified.
		6.6 Skill up-gradation training for Supporting Staff	TR-02	File verified.
		6.7 Day to Day Activities and Parents-Teachers Meeting	PRO-01 TO 04/ MM21*, MM22*	File verified.
		6.8 Department faculty meeting	MM19*, MM20*	File verified.
7.	Institutional Values and Best Practices	7.1 Department Best Practices	IIPC file	File verified

	7.2 Contribution towards Institutional Values and Social Responsibilities	CoE file	File verified
	7.3 Contribution towards Special programmes	Association file	Association file verified
	7.4 Human values and Professional Ethics related activities	Association file	Events conducted. Association file verified
	7.5 Contribution towards Institutional Distinctiveness	Corresponding file	File verified
	7.6 Practices for Student Self learning	Corresponding file	NPTEL file verified

S.No.	Criteria	Major Remarks / Comments
1.	Curricular Aspects	The course file content was satisfactory. A value-added course file should be maintained in the IQAC format
2.	Teaching –Learning Process	PAC and QIC Meeting minutes is missing, The structured course plan hours did not match the conducted hours. Micro-projects for the theory subjects can be initiated.
3.	Research, Innovation and Extension	There needs to be a focus on increasing the number of quality publications in refereed/SCI journals, citations, and books/book chapters. Consultancy activities can be improved. Faculty members must concentrate on submitting R&D proposals.
4.	Infrastructure and Learning Resources	Department library yet to be established.
5.	Student Support and Progression	Consolidated report not available for few parameters.
6.	Governance Leadership and Management	
7.	Institutional Values and Best Practices	
Overall Comments		Certain documents were not in accordance with the prescribed IQAC format requirements.

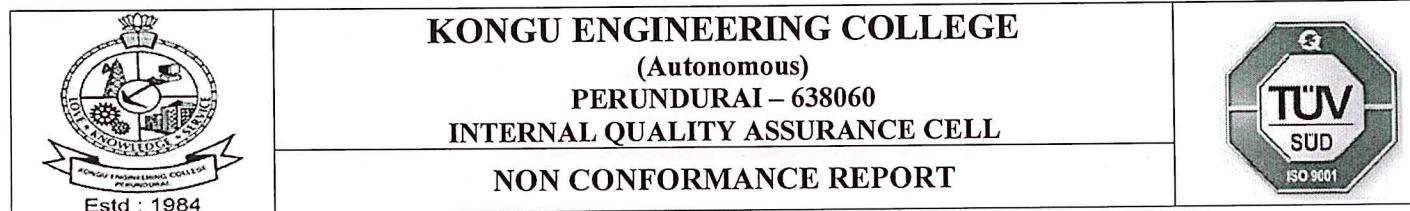
1)   
Dr. P.A. Selvaraj  
16/10/24  
Department IQAC Coordinators  
(with name)

  
Dr. M. Pyingodi  
Auditors  
16/10/24  
[Dr. M. Pyingodi & Dr. K.S. Kalaivani]

  
Head of the Department  
16/10/24  
(with seal)

2)   
S. SELVARAJ  
16/10/24

3)   
M. Meenalochini  
16/10/24



Department: Computer System and Design

Date: 30.09.2024

Nonconformities

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Curricular Aspects	--					
2.	Teaching Learning Process	--					
3.	Research Innovation and Extension	R&D proposals and seminar/conference/workshop proposals are lacking. Improvement is necessary.	The department commenced in July 2021 with very few senior faculty and mostly junior faculty.	Junior faculty teamed up with senior faculty as mentors	---	Hod and senior faculty	Next academic year
		The faculty's SCI publications are below expectations and require improvement	The department commenced in July 2021 with very few senior faculty and mostly junior faculty.	Junior faculty to work with senior faculty and write journal papers and conference proceedings	---	Hod and all faculty	Next Academic year
4.	Infrastructure and Learning Process	--					
5.	Student Support and Progression	--					

6.	Governance, Leadership and Management	--					
7.	Institutional Values and Best Practices	--					

**Observations (Opportunities for improvement)**

S.No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Curricular Aspects	--					
2.	Teaching Learning Process	Copy of circular nominating PAC and QIC mentors not available	---	Copy to be fetched from principal's office and kept in the file	---	Hod and NBA criteria-1 coordinator	Immediate
3.	Research Innovation and Extension	Consultancy work shall be carried out by the faculty members. Membership in Professional bodies need to be improve	The no. of faculty being less (to meet the SFR) consultancy activity is lagging	To identify areas of consultancy and training in 3D modelling and AR/VR	---	Hod and IIPC coordinator	Immediate
4.	Infrastructure and Learning Process	--					
5.	Student Support and Progression	Participated in Co/Extra-curricular activities is very low	Only 1 unit of students in III year and 2 units in II year. II year students mostly concentrating on studies	All students need to be encouraged to participate in Co/Extra-curricular activities	---	Hod and All faculty	Next Academic year
		Paper/Project presentation in other institutions is very low	Only 1 unit of students in III year and 2 units in II year. II year students mostly	All students need to be encouraged to participate in other istitutions.	---	Hod and All faculty	Next Academic year

			concentrating on studies				
		Paper/Project presentation within the institution is very low	Only 1 unit of students in III year and 2 units in II year. II year students mostly concentrate on studies	All students need to be encouraged to participate in paper/project	---	Hod and All faculty	Next Academic year
		Membership by students in societies /clubs is very low	Students yet to identify apt societies and professional bodies	Faculty to insist students to join at least on society	---	Hod and All faculty	Next Academic year
		Student achievements and awards are very less	Only 1 unit of students in III-year and 2 units in II-year. II-year students mostly concentrate on studies	Students need to be sensitized on the importance and others activities	---	All Faculty	Next Academic year
		Startups not initiated	Students not aware of entrepreneurship opportunities	Awareness programme to be initiated with TBI, IIC and IEF	---	Hod and IIC/IEF Coordinator	Next Academic year
6.	Governance, Leadership and Management						
7.	Institutional Values and best Practices	--					

Dr. S. Kalairani

My

Auditor's

(Name with Designation & Dept.)

Dr. S. Kalairani

1. Dr. A Selvaraj (Dr. P. A. Selvaraj)
  2. Dr. S. S. Selvaraj (S. S. Selvaraj)
  3. Mr. Ganesan (Ganesan M)
- Auditee Dept. IQAC Co-ordinator

DR. M. W. M.

Auditee Dept. HOD



## KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI - 638060

INTERNAL QUALITY ASSURANCE CELL

### AUDIT EVALUATION SHEET



### Audit Evaluation Sheet for the Academic Year 2023-2024 (Inter Department)

Auditors Name and Designation : Dr.S.Sathyam/Maths &amp; Ms.M.Sindhu/MCA

Date of Audit : 27.09.2024

Audited Department : Chemical Engg.

S.No.	Criteria (Max Mark)	Parameters	File Name Audited	Observations
1.	Curricular Aspects	1.1 Curriculum Design and Development process	CDC-01, CDC-02	Verified
		1.2 Curriculum and syllabus – Planning and Implementation	CDC-03,04,06	Verified
		1.3 Dissemination of regulation, curriculum & Syllabus	CDC-05,10	Verified
		1.4 Minutes of BOS Meeting	CDC- 08,09	Verified
		1.5 Revision in Elective courses	CDC-11	Verified
		1.6 Value Added Courses – Organized and Participation of students	NVC-01 To 06	Two credit course / 5 - 1 credit 20VC113 - Verified / 1 - 2 credit
		1.7 Student involvement in field projects/internships	PR01, PC-05/PT-04*,PR-01*	PT-04, 01 - Verified
		1.8 Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	CDC-07A, 07C,07E,07F,07G, 07P	checked
		1.9 Mapping of Course Outcomes and Programme Outcomes	CDC-03,04, 06	Verified - CDC 03,04,06
		1.10 Allotting courses to faculty based on expertise	TT1-01,02 / TT-01, 02*	CPI - Verified,

		1.11 Allotment of adequate number of hours in time table for theory/practical/project	TT1 -03,04,05/ TT-03-06*	Verified
2.	Teaching –Learning Process	2.1 Student Enrolment & Improvement in Student Quality Enrolment Ratio = No. of seats filled / No of Seats Approved	HoD -03	checked
		2.2 Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HoD -04	verified
		2.3 Structured Course Plan	CCO-01/ AC03*	22 CHT31 - checked
		2.4 Course Coordination Meeting	CC0-02/ AC-01A, 02*	22 CHT31 - 5 minutes
		2.5 Class Monitoring Committee Meeting	FB 01A, 01*	checked
		2.6 Course Delivery Methods – Use of ICT tools / Outcome Based Teaching learning Report	AC-14(Course file)/ AC-03*	22 CHT31 - verified
		2.7 Continuous Assessment (CA) Test Question Paper standards	ACO -06 / TE-03*	20 CHT42 - CAT - II Q. P verified
		2.8 Conduct of Continuous Assessment Tests	TCO -01 to 07 / TE-01* #	verified,
		2.9 Evaluation of CA Test papers with Answer key	Course files	22 CHT11 - Mark Split-up Should done in key.
		2.10 Adequate number of Assignments and Tutorials & Evaluation of Assignment & Tutorial	ACO-01, ACO-07/ Course file	22 CHT31 - student signature missing, 9 - Tutorials conducted
		2.11 Virtual Lab Experiments / Mini project-based experiments - Experiments per course for 2 and 3 years	Course files	22 CHT43, 41 - Mini projects marks to be maintain in spreadsheet..
		2.12 Micro projects in Theory Courses - Simulation / Project based Assessment for tutorials for 2 and 3 years / Semester	Course files	verified
		2.13 Field visits for courses - One day factory visits for Theory courses for self-learning in 2 and 3 year of study / dept.	Course files	2 - IV
		2.14 Remedial Measures for Slow Learners with proof	Course file / AC12*, 13*	Attendance proof to be maintain
		2.15 Laboratory Plan	LT-01/LT 03, LT04 / AC-09*, AC-10*	22 CHT31 - To be in the format
		2.16 Quality of Laboratory Manual	LT-01*, Lab manuals / AC-11*/ Course file	verified.
		2.17 Evaluating experiments – Rubrics/Periodically	AC11*, Course file for Lab	verified.

	2.18 Project Work Review Schedule	PR02 / PR-01 to 04*	62 - projects
	2.19 Quality of Project Reports	Project Reports	Verified Project - paper : 4 - Sci
	2.20 Evaluation of Projects through Review – Rubrics followed	PR-04*, PR-02*	Verified
	2.21 Continuous Assessment Test Report and Consolidated Report	AC06*, AC07* (Inspro plus)	checked
	2.22 End Semester Result Analysis	AC08*	Verified
	2.23 PAC and QIC formulation and Meeting minutes	MM11- MM14*	Verified
	2.24 Student Feedback on Course and Teacher	Course & teacher feedback	Verified
	2.25 Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	PMO 01 to 05/ (2019-23 Batch) PO 01-08*	Verified.
	2.26 Alumni - Graduate Exit survey for PO & PSOs at the end of the programme	Corresponding files	Verified.
3. Research, Innovation and Extension	3.1 Seed money Proposals (student funding through IIC may be consider)	Corresponding files	No Seed money
	3.2 Submission of Project Proposals	RC01/ RD01*	9 - proposals submitted
	3.3 Research Grants received (1,01,09,518) - 3 years. D.P.D.C - Ref No. A5-51/RIED/8PDP/PO/14	RD-10* - 1/17-18 (11,89,000/-)	DST ADT I WMT i Plastic waste/2021/08/61 2 - Grants received - verified
	3.4 Conference / seminar / workshop/FDP/STTP proposals submitted	RC01/ RD01*	10 - Seminar proposal submitted - verified.
	3.5 Conference / seminar / workshop/FDP/SSTP organized	RD09*	NIL
	3.6 Promotion of Start-ups	EMC-01 TO 05	NIL
	3.7 Conversion of student projects into paper / Patent	RD03*	62 - projects - 8 paper
	3.8 Quality Publications by faculty (SCI/Scopus)	RD02*	SCI - 19 SCOPUS - NIL
	3.9 Books/Book chapters/Conference/Patent filed/granted/Published by faculty	RD04*	6 - Book Granted - 1 Patent - filled - 1

	3.10 Awards / Outside Interaction/ Collaboration of the faculty	RD05*	consolidated format to be maintain - Individual - verified.
	3.11 PhD pursuing & Completed details	RD-07*	Pursuing - 4 completed - 7
	3.12 Membership in Professional Bodies	RD-08*	To be in the format.
	3.13 Students Enrollment Ph.D. - No of new students enrolled for the doctoral program	Corresponding files	New - 3 Registered.
	3.14 Minimum no of citations Faculty / dept/Academic year Individual citation → missing	Corresponding files	DEPT - 2023 - 340 Individual citation to be maintain
	3.15 PhD awarded - No of candidates/Year	Corresponding files	Awarded - 3
	3.16 Conferences attended - Faculty /Academic Year	Corresponding files	29 - Conferences
	3.17 Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department /Academic Year	Corresponding files	5 - faculty visited
	3.18 Industrial Consultancy/Testing Identification Report	IC 01*, IC-03*	Verified
	3.19 MoUs signed and activities Record	IC 02*	Verified
	3.20 Industrial Training (IIPC/Other Grants)/ Self Supporting Program	IC- 04*	Verified
	3.21 In plant Training/Internship	IP -01*	143 - Training certificates 04 - Inplant proof should maintain.
	3.22 Industrial visits arranged for students	IV-01,02,03,04*	Verified
	3.23 Association activities / Clubs/Professional Societies/ Cell's	CA01 -CA04*	Documents to be in format
	3.24No of News Letter	Minimum 4 per year	4 - Newsletter - checked
	3.25 Developmental activities - No of Activities / department /Academic Year Product Development (IIC, TBI, etc)		Verified.
4. Infrastructure and Learning Resources	4.1 Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	FMM-01 TO 04	FMM 01, 04 - Verified
	4.2 Laboratory Maintenance Records/Registers	LT03, LT05, LT07*	(LT0) Lab veri LT 03, 05 (FMM lab) - verified

		4.3 Equipment working conditions/Calibration	LT05, LT06, LT08, LT09*	LT, 05, 06, 08 & 09 (NT-O) Lab -verified
		4.4 Latest/Research Level equipments – Availability and Utilization	Stock & utilization register	Verified - Registers
		4.5 Utilization of budget	BD01-BD03, MM23 – MM24*	B.D01, 03 - Verified
		4.6 Department Library – Maintenance and utilization	Maintenance & utilization register/ Record	Verified
		4.7 Computing Facilities - Maintenance and utilization	LT07	CC - Simulation Lab Verified
		4.8 E-content development – Videos developed	Question banks PPT/ Records website link	22C1HT33 - Fluid mechanics Verified
5.	Student Support and Progression	5.1 Placement details and training plan for Skill Development	PT 01- PT05*	PT-01- 05 Verified.
		5.2 Percentage of students placed (Improvement over 3 years)	PT 01-05*	Verified - 100% Students
		5.3 Awareness programmes on Higher Education	HEC-01 TO 05	HEC - Verified
		5.4 Student participation and success in competitive examinations	HEC -01 TO 05	IELTS - 2 members cleared Verified
		5.5 Percentage of students joined higher education	HEC -04	2 - 3 students - opt
		5.6 Entrepreneurship - No of students attended trainings / Dept	Proof as per Quality plan	Participate DEPT - NIL (College wise)
		5.7 Entrepreneurship - No of startups/Dept	Proof	NIL
		5.8 Student's participation in Co/Extra-curricular activities (Cultural, Sports, etc.) Paper Presentation/ Project Presentation	SAP files SAP 01 TO 04	132 - Presentation
		5.9 Innovative projects development by students - No of projects developed / department / Academic Year	Proof as per Quality plan	Outside - 80 Inside - 16 Prize - 5
		5.10 Innovative projects development by students - No of projects presentation/ student/ Academic Year (through IIC/IEF)	Proof as per Quality plan	3 - projects 1 - final
		5.11 Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire course of study	Proof as per Quality plan	110 75+25 - Verified
		5.12 Paper / Project presentation by students - Other Institutions Minimum presentation/ student / Academic Year	Proof as per Quality plan	90 - Students - Verified

		5.13 Paper / Project presentation by students - Within institution Minimum presentation/ student/ Academic Year	Proof as per Quality plan	132 - presentation /Dept Sci - 8 SCOPUS - NIL
		5.14 Student achievements and awards	Student paper & project files	Verified
		5.15 Alumni Visits, Meetings and Guest Lectures	AL01 – AL04*	Verified
		5.16 Student Mentoring Report	Corresponding file	Verified 21CHR45
6.	Governance, Leadership and Management	6.1 SWOT Analysis – Review Meeting	HOD file / MM11 – MM14*	Verified
		6.2 Academic Audit – Action Taken	IQ 04	8Q -04 - verified
		6.3 Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	Corresponding file	In progress
		6.4 Faculty Training – FDP/NPTEL/Industry	TR01- TR03*	Verified TR01-TR03
		6.5 Faculty Qualification Improvement & Retention	Training file	Verified 1 - Adjunct. faculty
		6.6 Skill up-gradation training for Supporting Staff	TR-02	Verified
		6.7 Day to Day Activities and Parents-Teachers Meeting	PRO-01 TO 04/ MM21*, MM22*	Verified
		6.8 Department faculty meeting	MM19*, MM20*	Verified
7.	Institutional Values and Best Practices	7.1 Department Best Practices	IIPC file	Verified to be in the consolidated format
		7.2 Contribution towards Institutional Values and Social Responsibilities	CoE file	NIL
		7.3 Contribution towards Special programmes	Association file	Verified
		7.4 Human values and Professional Ethics related activities	Association file	Verified
		7.5 Contribution towards Institutional Distinctiveness	Corresponding file	Student exchange Program - verified
		7.6 Practices for Student Self learning	Corresponding file	Verified

The following parameters are not applicable for S&H department 1.5,1.7,2.1,2.2,2.11,2.12,2.13,2.18,2.19,2.20,2.26,3.7,3.21,3.22,5.1 to 5.7,5.15

\* Even sem onwards

S.No.	Criteria	Major Remarks / Comments
1.	Curricular Aspects	Good.
2.	Teaching –Learning Process	Satisfactory
3.	Research, Innovation and Extension	Good. Faculty citation score to be improved.
4.	Infrastructure and Learning Resources	Good.
5.	Student Support and Progression	Satisfactory
6.	Governance Leadership and Management	Good.
7.	Institutional Values and Best Practices	Satisfactory
Overall Comments		

(Dr.C.Gomadubai)  
 Department IQAC Coordinators  
 (with name)

S. 88 27/9/24 [Dr.SUMITA]

Mrs. 27/9/24 [M.SINDHU]  
 Auditors  
 (with name)

V. P. R. B.  
 Head of the Department  
 (with seal)



**KONGU ENGINEERING COLLEGE**  
**(Autonomous)**  
**PERUNDURAI – 638060**  
**INTERNAL QUALITY ASSURANCE CELL**

**NON CONFORMANCE REPORT**



Department: Chemical Engineering

Date: 14.10.2024

Nonconformities

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Percentage of placement of outgoing students	Percentage of placement based on approved intake is 3.53% less than the expected level	Few companies have not released the recruitment results	--	--	Placement Coordinator	Continuous
2.	Project to Paper Conversion	100% deviation Scopus and 60% deviation in SCI publication	Many of the submitted papers are either rejected or still under review	Quality of student project to paper to be improved	--	All	Continuous
3.	No of R and D proposals to be submitted	36.63 % deviation from expected number of R&D proposals submitted	Late preparation of project proposal	Keeping the General write up of R&D proposal with budget details ready before the notification, was discussed in the department meeting	--	All	Continuous
4.	No of Seminar/ FDP/Other proposals to be submitted	33.33% deviation from the expected number of seminar proposals submitted	Late preparation of seminar proposal	Keeping the General write up of seminar proposal with budget details ready before the notification, was discussed in the department meeting	--	All	Continuous

5.	Patents Published and Granted	50 % deviation in patents Applied / intake /Academic Year	Many product development-based project ideas have not been submitted	Discussed in the department meeting	--	All	Continuous
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**Observations (Opportunities for improvement)**

S.No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Percentage of students who have progressed to higher education	33.33 % deviation from the expected level	Students opt for placement rather than higher education	--	--	All	Continuous
2.	Percentage of students qualifying in state/ national/ international level examinations	33.33 % deviation from the expected level	Students' preparation is lagging	Awareness programs/sessions will be conducted	--	All	Continuous
3.	Innovative projects development by students	50 % deviation in the number of projects developed / department / Academic Year	Students' involvement in applying needs improvement	Motivation session was conducted	--	All	Continuous
4.	Developmental activities	75% deviation in No of Activities / department /Academic Year Product Development (IIC, TBI, etc)	Students' involvement in applying needs improvement	Motivation session was conducted	--	All	Continuous

5.	Assessment and Evaluation activities	5.75% deviation in Theory, and 1.83% deviation in CAT Percentage of Pass in each course and 3.44% deviation in Theory ESE Percentage of Pass in each course and also Remedial Sessions based on ESE Pass % deviation(if) hours/course have to be planned	Some students face difficulties to prepare for contents taught during the missed class hours	Students were motivated to develop the self-learning habit	--	All	Continuous
6.	Industry Sponsored labs	Financed by Industry/ department/ 3 years has to be planned	The number of Industries approached needs improvement	Ms/Sim Infosys, Chennai, came forward to finance the Simulation Lab	--	All	Continuous
7.	Centre of Excellence and revenue generated	Revenue has not been generated / Centre / Academic Year	Centre of Excellence was not established	Establishment of Centre of Excellence was initiated during 2024-25	--	All	Continuous
8.	Program Specific Budget	Budget Utilization against Sanctioned deviates 9.64 % from the expected level	Purchase order was placed in 2023-24 but there was a delay in equipment supply and the bills were settled in the next financial year	Utilization of the sanctioned budget discussed in the department meeting	--	All	Continuous

1. S. M/17/vol24 [Dr. S. SATHYA/MATHS]

2. M/17/vol24 [Ms. M. SINDHU/MECA]

Auditor's  
(Name with Designation & Dept.)

L.P. 17/vol24  
(Dr. C. GOMADHAR)

Auditee Dept. IQAC Co-ordinator

V. D. 17/vol24  
Audited Dept. HOD



## KONGU ENGINEERING COLLEGE

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INTERNAL QUALITY ASSURANCE CELL

### AUDIT EVALUATION SHEET



### Audit Evaluation Sheet for the Academic Year 2023-2024 (Inter Department)

Date of Audit : 27.09.24

Auditors Name and Designation

: Dr.E.M.Roopa Devi, ASP/IT,  
Dr J.Revathi,AP(Sr.G)/Maths

Audited Department: Food Technology

S.No.	Criteria (Max Mark)	Parameters	File Name Audited	Observations
1.	Curricular Aspects	1.1 Curriculum Design and Development process	CDC-01, CDC-02	Verified
		1.2 Curriculum and syllabus – Planning and Implementation	CDC-03,04,06	Verified
		1.3 Dissemination of regulation, curriculum & Syllabus	CDC-05,10	Verified
		1.4 Minutes of BOS Meeting	CDC- 08,09	Verified
		1.5 Revision in Elective courses	CDC-11	Verified
		1.6 Value Added Courses – Organized and Participation of students	NVC-01 To 06	Verified-20VC115 file has been verified
		1.7 Student involvement in field projects/internships	PR01, PC-05/PT-04*,PR-01*	Verified
		1.8 Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	CDC-07A, 07C,07E,07F,07G, 07P	Verified
		1.9 Mapping of Course Outcomes and Programme Outcomes	CDC-03,04, 06	Satisfactory
		1.10 Allotting courses to faculty based on expertise	TT1-01,02 / TT-01, 02*	Verified
		1.11 Allotment of adequate number of hours in time table for theory/practical/project	TT1 -03,04,05/ TT-03-06*	Verified
2.	Teaching – Learning Process	2.1 Student Enrolment & Improvement in Student Quality Enrolment Ratio = No. of seats filled / No of Seats Approved	HoD -03	Verified
		2.2 Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HoD -04	Verified
		2.3 Structured Course Plan	CCO-01/ AC03*	Satisfactory-22FTT32-Food chemistry is verified
		2.4 Course Coordination Meeting	CC0-02/ AC-01A, 02*	Not Applicable

		2.5 Class Monitoring Committee Meeting	FB 01A, 01*	Satisfactory
		2.6 Course Delivery Methods – Use of ICT tools / Outcome Based Teaching learning Report	AC-14(Course file)/ AC-03*	Satisfactory
		2.7 Continuous Assessment (CA) Test Question Paper standards	ACO -06 / TE-03*	Satisfactory
		2.8 Conduct of Continuous Assessment Tests	TCO -01 to 07 / TE-01* #	Satisfactory
		2.9 Evaluation of CA Test papers with Answer key	Course files	Satisfactory
		2.10 Adequate number of Assignments and Tutorials & Evaluation of Assignment & Tutorial	ACO-01, ACO-07/ Course file	Satisfactory
		2.11 Virtual Lab Experiments / Mini project based experiments - Experiments per course for 2 and 3 years	Course files	Satisfactory
		2.12 Micro projects in Theory Courses - Simulation / Project based Assessment for tutorials for 2 and 3 years / Semester	Course files	Satisfactory
		2.13 Field visits for courses - One day factory visits for Theory courses for self-learning in 2 and 3 year of study / dept.	Course files	Satisfactory
		2.14 Remedial Measures for Slow Learners with proof	Course file / AC12*, 13*	Satisfactory
		2.15 Laboratory Plan	LT-01/LT 03, LT04 / AC-09*, AC-10*	Satisfactory
		2.16 Quality of Laboratory Manual	LT-01*, Lab manuals / AC-11*/ Course file	Satisfactory
		2.17 Evaluating experiments – Rubrics/Periodically	AC11*, Course file for Lab	Satisfactory
		2.18 Project Work Review Schedule	PR02 / PR-01 to 04*	Satisfactory
		2.19 Quality of Project Reports	Project Reports	Satisfactory
		2.20 Evaluation of Projects through Review – Rubrics followed	PR-04*, PR-02*	Satisfactory
		2.21 Continuous Assessment Test Report and Consolidated Report	AC06*, AC07* (Inspro plus)	Satisfactory
		2.22 End Semester Result Analysis	AC08*	Satisfactory
		2.23 PAC and QIC formulation and Meeting minutes	MM11- MM14*	Satisfactory
		2.24 Student Feedback on Course and Teacher	Course & teacher feedback	Satisfactory
		2.25 Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	PMO 01 to 05/ (2019-23 Batch) PO 01-08*	Satisfactory
		2.26 Alumni - Graduate Exit survey for PO & PSOs at the end of the	Corresponding files	Satisfactory
3.	Research, Innovation and Extension	3.1 Seed money Proposals (student funding through IIC may be consider)	Corresponding files	Nil
		3.2 Submission of Project Proposals	RC01/ RD01*	Verified
		3.3 Research Grants received	RD-10*	Verified
		3.4 Conference / seminar / workshop/FDP/STTP proposals submitted	RC01/ RD01*	Verified
		3.5 Conference / seminar / workshop/FDP/SSTP organized	RD09*	Verified
		3.6 Promotion of Start-ups	EMC-01 TO 05	Verified

		3.7 Conversion of student projects into paper / Patent	RD03*	Satisfactory
		3.8 Quality Publications by faculty (SCI/Scopus)	RD02*	Satisfactory
		3.9 Books/Book chapters/Conference/Patent filed/granted/Published by	RD04*	Satisfactory
		3.10 Awards / Outside Interaction/ Collaboration of the faculty	RD05*	Satisfactory
		3.11 PhD pursuing & Completed details	RD-07*	Satisfactory
		3.12 Membership in Professional Bodies	RD-08*	Satisfactory
		3.13 Students Enrollment Ph.D. - No of new students enrolled for the doctoral program	Corresponding files	Satisfactory
		3.14 Minimum no of citations Faculty / dept/Academic year	Corresponding files	Satisfactory
		3.15 PhD awarded - No of candidates/Year	Corresponding files	Satisfactory
		3.16 Conferences attended - Faculty /Academic Year	Corresponding files	Satisfactory
		3.17 Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department /Academic Year	Corresponding files	Nil
		3.18 Industrial Consultancy/Testing Identification Report	IC 01*, IC-03*	Verified
		3.19 MoUs signed and activities Record	IC 02*	Verified
		3.20 Industrial Training (IIPC/Other Grants)/ Self Supporting Program	IC- 04*	Verified
		3.21 In plant Training/Internship	IP -01*	Verified
		3.22 Industrial visits arranged for students	IV-01,02,03,04*	Verified
		3.23 Association activities / Clubs/Professional Societies/ Cell's	CA01 –CA04*	Verified
		3.24No of News Letter	Minimum 4 per year	Verified
		3.25 Developmental activities - No of Activities / department /Academic Year Product Development (IIC, TBI, etc)		Satisfactory
4.	Infrastructure and Learning Resources	4.1 Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	FMM-01 TO 04	Verified
		4.2 Laboratory Maintenance Records/Registers	LT03, LT05, LT07*	Verified
		4.3 Equipment working conditions/Calibration	LT05, LT06, LT08, LT09*	Verified
		4.4 Latest/Research Level equipments – Availability and Utilization	Stock & utilization register	FAQC Lab(HPLC),Research Lab(Texture Analyzer)- Verified
		4.5 Utilization of budget	BD01-BD03, MM23 – MM24*	35% utilized- Verified
		4.6 Department Library – Maintenance and utilization	Maintenance & utilization register/ Record	Verified
		4.7 Computing Facilities - Maintenance and utilization	LT07	Verified
		4.8 E-content development – Videos developed	Question banks PPT/ Records website link	E-content-22FTT42- Verified
5.	Student Support and	5.1 Placement details and training plan for Skill Development	PT 01- PT05*	Verified
		5.2 Percentage of students placed (Improvement over 3 years)	PT 01-05*	Verified

	Progression	5.3 Awareness programmes on Higher Education	HEC-01 TO 05	Verified
		5.4 Student participation and success in competitive examinations	HEC -01 TO 05	Verified
		5.5 Percentage of students joined higher education	HEC -04	Verified
		5.6 Entrepreneurship - No of students attended trainings / Dept	Proof as per Quality plan	Verified
		5.7 Entrepreneurship - No of startups/Dept	Proof	Verified
		5.8 Student's participation in Co/Extra-curricular activities (Cultural, Sports, etc.) Paper Presentation/ Project Presentation	SAP files SAP 01 TO 04	Verified
		5.9 Innovative projects development by students - No of projects developed / department / Academic Year	Proof as per Quality plan	Satisfactory
		5.10 Innovative projects development by students - No of projects presentation/ student/ Academic Year (through IIC/IEF)	Proof as per Quality plan	Satisfactory
		5.11 Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire course of study	Proof as per Quality plan	Verified
		5.12 Paper / Project presentation by students - Other Institutions Minimum presentation/ student / Academic Year	Proof as per Quality plan	Verified
		5.13 Paper / Project presentation by students - Within institution Minimum presentation/ student/ Academic Year	Proof as per Quality plan	Verified
		5.14 Student achievements and awards	Student paper & project files	Verified
		5.15 Alumni Visits, Meetings and Guest Lectures	AL01 – AL04*	Verified
		5.16 Student Mentoring Report	Corresponding file	Verified
6.	Governance, Leadership and Management	6.1 SWOT Analysis – Review Meeting	HOD file / MM1 i – MM14*	One meeting conducted
		6.2 Academic Audit –Action Taken	IQ 04	FOSTAC training to cavin care-Verified
		6.3 Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	Corresponding file	Centre of Excellence-Nil Collaboration with Foreign Universities-Nil New Courses-08
		6.4 Faculty Training – FDP/NPTEL/Industry	TR01- TR03*	Satisfactory
		6.5 Faculty Qualification Improvement & Retention	Training file	Verified
		6.6 Skill up-gradation training for Supporting Staff	TR-02	Satisfactory
		6.7 Day to Day Activities and Parents-Teachers Meeting	PRO-01 TO 04/ MM21*, MM22*	Verified
		6.8 Department faculty meeting	MM19*, MM20*	Verified
7.	Institutional Values and Best Practices	7.1 Department Best Practices	IIPC file	Verified
		7.2 Contribution towards Institutional Values and Social Responsibilities	CoE file	Proof has been verified
		7.3 Contribution towards Special programmes	Association file	Proof has been verified
		7.4 Human values and Professional Ethics related activities	Association file	Proof has been verified

	7.5 Contribution towards Institutional Distinctiveness	Corresponding file	Proof has been verified
	7.6 Practices for Student Self learning	Corresponding file	Proof has been verified

The following parameters are not applicable for S&H department 1.5,1.7,2.1,2.2,2.11,2.12,2.13,2.18,2.19,2.20,2.26,3.7,3.21,3.22,5.1 to 5.7,5.15

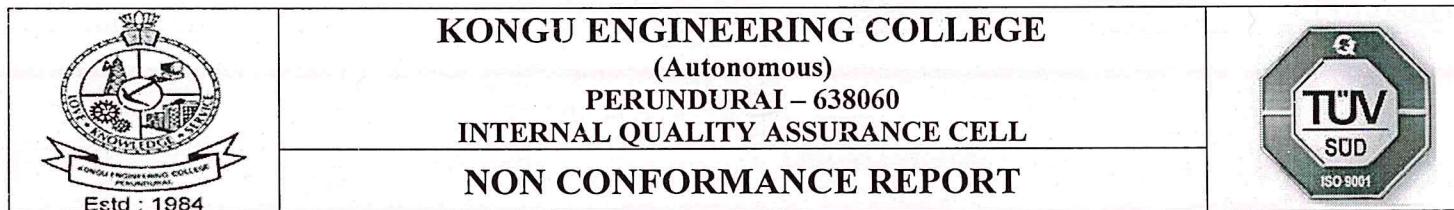
\* Even sem onwards

S.No.	Criteria	Major Remarks / Comments
1.	Curricular Aspects	Satisfactory- percentage of syllabus modification can also be incorporated
2.	Teaching –Learning Process	Satisfactory
3.	Research, Innovation and Extension	Satisfactory- Number of seminar proposals need to be increased
4.	Infrastructure and Learning Resources	E-content video for theory courses may be uploaded.
5.	Student Support and Progression	Satisfactory
6.	Governance Leadership and Management	Satisfactory
7.	Institutional Values and Best Practices	Satisfactory
<b>Overall Comments</b>		Document maintenance is good. Industry consultancy (testing) need to be improved.

*S. Prakashan (Dr. A. Sudha)*  
*D. Venkateshwaran (Dr. K. Senthilkumar)*  
Department IQAC Coordinators  
(with name)

*J. Revathi*  
9/10/24  
*C. P. Paul* 9/10/24  
Auditors  
(with name)  
(Dr. E. M. Roopa Devi)  
(Dr. J. Revathi)

*R. Omurukkai*  
Head of the Department  
(with seal)



Department: Food Technology

Date: 27.9.2024

Nonconformities

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Student Enrollment and Progression of Students	Placement of outgoing students	Core food industries prefer 1 or 2 years experienced candidates. Also bulk recruitment of fresher's is less. It take some time for them to get placed	Placement training in core subjects and soft skills to be given regularly	-	Placement Coordinator	May 2025
2.	Student Enrollment and Progression of Students	Participation of students in Co/Extra-curricular activities	Considerable number of students not shown much interest to participate in co curricular activities	Students encouraged to participate in Co/Extra curricular activities	-	Class advisors of all years	May 2025
3.	Student Enrollment and Progression of Students	Paper / Project presentation by students -Premier Institutions presentation	Though students enthusiastically attempted, only few papers were accepted to present in Premier	Students encouraged to participate in Co/Extra curricular activities	Top 10% students are encouraged to do projects	Class advisors of all years	May 2025

			Institutions				
4.	Student Enrollment and Progression of Students	Paper / Project presentation by students - Within institution presentation	Most of the Final year Students were in industry internship for one full semester and not able to present papers within institution	Students encouraged to participate in paper presentation within institution	-	Class advisors of all years	May 2025
5	Student Enrollment and Progression of Students	Membership by students in societies /clubs	Most of the Final year Students were in industry internship and not able to enroll in any clubs/societies	Final year students are informed to enroll in clubs/societies	-	Class advisors of all years	May 2025
6	Research	Project to Paper Conversion- UG Scopus	Few papers submitted to journals are rejected. Few projects need additional works to improve quality to match with journal requirements	Faculty and students are regularly instructed to communicate the papers	Session on usage of AI tools in paper writing to be conducted	Concerned project guides	May 2025
7	Research	PG Scopus Journal & SCI Journal	Few papers submitted to journals are rejected. Few projects need additional works to improve quality to match with journal requirements	PG Students and faculty are encouraged to submit their research papers to various indexed journals	Session on usage of AI tools in paper writing to be conducted	Concerned project guides	May 2025
8	Research	Seminar/ FDP/Other proposals to be submitted	Faculty prepared the proposals and were not able to submit in time	Faculty are instructed to prepare proposal in advance and	-	All faculty	May 2025

				submit			
9	Research	Consultancy (testing and Others)	Lack of industry interaction with respect to testing	Industry visits are planned to improve the interaction	-	All faculty	May 2025
10	Research	Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc	Few visits planned were dropped because of few academic commitments	Laboratories to visit has been identified	-	All faculty	May 2025
11	Teaching Learning	Assessment and Evaluation activities – CAT	Students have difficulty in understanding few concepts and solving problems in few subjects	Teaching learning methodologies may be improved to achieve good results	-	Concerned course faculty	May 2025
12	Teaching Learning	Assessment and Evaluation activities-ESE	Students have difficulty in understanding few concepts and solving problems in few subjects	Teaching learning methodologies may be improved to achieve good results	-	Concerned course faculty	May 2025
13	Human Resource	Faculty - No of Ph.D.	Few faculty are pursuing Ph.D	Faculty are encouraged to complete their Ph.D	-	HOD	May 2025
14	Budget Allocation & Utilization	Budget Allocation & Utilization	Getting quotations from few companies delayed	Steps taken to purchase equipments by lab incharges are regularly reviewed	-	Budget Coordinator	May 2025

**Observations (Opportunities for improvement)**

S.No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Research, Innovation and Extension	Project to paper conversion can be improved	Papers communicated has been rejected	Faculty and students are encouraged to review the paper and publish the work	-	Concerned project guides	May 2025
2.	Infrastructure and Learning Resources	E-content video for theory can be developed	The work was planned and it could not be executed	Steps has been initiated to develop e-content video	-	All faculty	May 2025

C. A. paul/9/10/24

[Dr. E. H. Roopa Devi, Asst/IT]

J. Rewathi/9/10/24

[Dr. J. Rewathi, AP(Sr-G) | Maths]

Auditor's

(Name with Designation & Dept.)

S. Sudha/FT

[Dr. S. Sudha/FT]  
9/10/24 Dr. K. Smith Kumar

Auditee Dept. IQAC Co-ordinator

R. Omur  
9/10/24

Auditee Dept. HOD



## KONGU ENGINEERING COLLEGE

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INTERNAL QUALITY ASSURANCE CELL



### AUDIT EVALUATION SHEET

#### Audit Evaluation Sheet for the Academic Year 2023-2024 (Inter Department)

Auditors Name and Designation

:Dr.K.Gomathi, ASP, Mechatronics  
Mrs.G.Sivapriya, AP, ECE

Date of Audit : 27.09.24  
Audited Department : MBA

S.No.	Criteria (Max Mark)	Parameters	File Name Audited	Observations
1.	Curricular Aspects	1.1 Curriculum Design and Development process	CDC-01, CDC-02	File Verified
		1.2 Curriculum and syllabus – Planning and Implementation	CDC-03,04,06	File Verified Categorized as Functional elective, Sectional elective, Skill enhancement, and alternate credit Course
		1.3 Dissemination of regulation, curriculum & Syllabus	CDC-05,10	File Verified
		1.4 Minutes of BOS Meeting	CDC- 08,09	File Verified
		1.5 Revision in Elective courses	CDC-11	No revision in elective courses from 2022 to 2024 regulation
		1.6 Value Added Courses – Organized and Participation of students	NVC-01 To 06	No value-added course is conducted
		1.7 Student involvement in field projects/internships	PR01, PC-05/PT-04*,PR-01*	124 students undergone 4 weeks of internship
		1.8 Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	CDC-07A, 07C,07E,07F,07G, 07P	Stakeholders given only general feedback. Feedback given by Students-4, Alumini-1, Faculty-NIL, Parents-NIL

			Alumni feedback and faculty feedback to be improved.
		1.9 Mapping of Course Outcomes and Programme Outcomes	CDC-03,04, 06
		1.10 Allotting courses to faculty based on expertise	TT1-01,02 / TT-01, 02*
		1.11 Allotment of adequate number of hours in time table for theory/practical/project	TT1 -03,04,05/ TT-03-06*
2.	Teaching – Learning Process	2.1 Student Enrolment & Improvement in Student Quality Enrolment Ratio = No. of seats filled / No of Seats Approved	HoD -03  No of students approved: 126 No of students admitted: 126
		2.2 Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HoD -04  1:15  No Adjunct Faculty
		2.3 Structured Course Plan	CCO-01/ AC03*  22MBT11-Organization behavior file verified
		2.4 Course Coordination Meeting	CC0-02/ AC-01A, 02*
		2.5 Class Monitoring Committee Meeting	FB 01A, 01*  File verified
		2.6 Course Delivery Methods – Use of ICT tools / Outcome Based Teaching learning Report	AC-14(Course file)/ AC-03*  Field project given
		2.7 Continuous Assessment (CA) Test Question Paper standards	ACO -06 / TE-03*  File verified
		2.8 Conduct of Continuous Assessment Tests	TCO -01 to 07 / TE-01* #  Two CAT conducted
		2.9 Evaluation of CA Test papers with Answer key	Course files  22MBT11-Organization behavior file verified
		2.10 Adequate number of Assignments and Tutorials & Evaluation of Assignment & Tutorial	ACO-01, ACO-07/ Course file  Tutorial-6 Mini Project-1 Field based project given
		2.11 Virtual Lab Experiments / Mini project based experiments - Experiments per course for 2 and 3 years	Course files
		2.12 Micro projects in Theory Courses - Simulation / Project based Assessment for tutorials for 2 and 3 years / Semester	Course files
		2.13 Field visits for courses - One day factory visits for Theory courses for self-learning in 2 and 3 year of study / dept.	Course files
		2.14 Remedial Measures for Slow Learners with proof	Course file / AC12*, 13*  Remedial class conducted

			Conducted and file verified
	2.15 Laboratory Plan	LT-01/LT 03, LT04 / AC-09*, AC-10*	22MBL21- Computer Application for Business lecture plan verified CO-PO mapping not available Manual verified
	2.16 Quality of Laboratory Manual	LT-01*, Lab manuals / AC-11*/ Course file	
	2.17 Evaluating experiments – Rubrics/Periodically	AC11*, Course file for Lab	Rubrics should be followed as per format and not evaluated as per format
	2.18 Project Work Review Schedule	PR02 / PR-01 to 04*	22MBP61-Capstone Project
	2.19 Quality of Project Reports	Project Reports	Project Reports verified
	2.20 Evaluation of Projects through Review – Rubrics followed	PR-04*, PR-02*	Rubrics not followed for evaluation
	2.21 Continuous Assessment Test Report and Consolidated Report	AC06*, AC07* (Inspiro plus)	File Verified
	2.22 End Semester Result Analysis	AC08*	File Verified
	2.23 PAC and QIC formulation and Meeting minutes	MM11- MM14*	File Verified
	2.24 Student Feedback on Course and Teacher	Course & teacher feedback	File Verified
	2.25 Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	PMO 01 to 05/ (2019-23 Batch) PO 01-08*	File Verified
	2.26 Alumni - Graduate Exit survey for PO & PSOs at the end of the programme	Corresponding files	
3.	Research, Innovation and Extension	3.1 Seed money Proposals (student funding through IIC may be consider)	Corresponding files
		3.2 Submission of Project Proposals	R&D Proposal Submitted-19 Sactioned-3 from ICSSR
		3.3 Research Grants received	Received from ICCSR On going fund 29.34 Lakhs
		3.4 Conference / seminar / workshop/FDP/STTP proposals submitted	Seminar proposal submitted-06

	3.5 Conference / seminar / workshop/FDP/SSTP organized	RD09*	NIL
	3.6 Promotion of Start-ups	EMC-01 TO 05	NIL
	3.7 Conversion of student projects into paper / Patent	RD03*	Student project in to conference papers
	3.8 Quality Publications by faculty (SCI/Scopus)	RD02*	SCI-1 Scopus-10
	3.9 Books/Book chapters/Conference/Patent filed/granted/Published by	RD04*	Book Chapter-12
	3.10 Awards / Outside Interaction/ Collaboration of the faculty	RD05*	NIL
	3.11 PhD pursuing & Completed details	RD-07*	Pursuing-03 Completed-NIL
	3.12 Membership in Professional Bodies	RD-08*	NIPM-03 members
	3.13 Students Enrollment Ph.D. - No of new students enrolled for the doctoral program	Corresponding files	NIL
	3.14 Minimum no of citations Faculty / dept/Academic year	Corresponding files	2224
	3.15 PhD awarded - No of candidates/Year	Corresponding files	NIL
	3.16 Conferences attended - Faculty /Academic Year	Corresponding files	51 faculty attended
	3.17 Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department /Academic Year	Corresponding files	NIL
	3.18 Industrial Consultancy/Testing Identification Report	IC 01*, IC-03*	1.14 Lakh
	3.19 MoUs signed and activities Record	IC 02*	Ongoing MoU 10
	3.20 Industrial Training (IIPC/Other Grants)/ Self Supporting Program	IC- 04*	Industrial Training -11 2.5 Lakh
	3.21 In plant Training/Internship	IP -01*	124 students undergone
	3.22 Industrial visits arranged for students	IV-01,02,03,04*	4
	3.23 Association activities / Clubs/Professional Societies/ Cell's	CA01 –CA04*	Guest Lecture-12 Repowis-01
	3.24No of News Letter	Minimum 4 per year	Nil
	3.25 Developmental activities - No of Activities / department /Academic Year Product Development (IIC, TBI, etc)		Nil
4.	Infrastructure and Learning Resources	4.1 Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	FMM-01 TO 04  Files not in format
		4.2 Laboratory Maintenance Records/Registers	LT03, LT05, LT07*  File verified
		4.3 Equipment working conditions/Calibration	LT05, LT06, LT08, LT09*  Verified LT-05 LT06, LT07, LT08 are not applicable

		4.4 Latest/Research Level equipments – Availability and Utilization	Stock & utilization register	LT04 – Utilization register verified Research level equipment are not applicable
		4.5 Utilization of budget	BD01-BD03, MM23 – MM24*	File verified
		4.6 Department Library – Maintenance and utilization	Maintenance & utilization register/ Record	File verified
		4.7 Computing Facilities - Maintenance and utilization	LT07	File verified
		4.8 E-content development – Videos developed	Question banks PPT/ Records website link	<ul style="list-style-type: none"> <li>• E-Contents developed was verified with the college website</li> <li>• Few faculties have developed video contents</li> </ul>
5.	Student Support and Progression	5.1 Placement details and training plan for Skill Development	PT 01- PT05*	PT02- Not prepared as the results are not released for final semester
		5.2 Percentage of students placed (Improvement over 3 years)	PT 01-05*	80% of students have been placed
		5.3 Awareness programmes on Higher Education	HEC-01 TO 05	File verified
		5.4 Student participation and success in competitive examinations	HEC -01 TO 05	File verified (No students have cleared the competitive exams)
		5.5 Percentage of students joined higher education	HEC -04	Students joined higher education in NIL
		5.6 Entrepreneurship - No of students attended trainings / Dept	Proof as per Quality plan	12 Students attended training
		5.7 Entrepreneurship - No of startups/Dept	Proof	NIL
		5.8 Student's participation in Co/Extra-curricular activities (Cultural, Sports, etc.) Paper Presentation/ Project Presentation	SAP files SAP 01 TO 04	File verified
		5.9 Innovative projects development by students - No of projects developed / department / Academic Year	Proof as per Quality plan	Students presented in Ideathon
		5.10 Innovative projects development by students - No of projects presentation/ student/ Academic Year (through IIC/IEF)	Proof as per Quality plan	Nil
		5.11 Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire course of study	Proof as per Quality plan	IIM – 2 students AIMS – 7 students Proofs were verified

	5.12 Paper / Project presentation by students - Other Institutions Minimum presentation/ student / Academic Year	Proof as per Quality plan	In total 252 presentations were done by students in outside institutions
	5.13 Paper / Project presentation by students - Within institution Minimum presentation/ student/ Academic Year	Proof as per Quality plan	Nil
	5.14 Student achievements and awards	Student paper & project files	10 students have won awards/achievements
	5.15 Alumni Visits, Meetings and Guest Lectures	AL01 – AL04*	No. of alumni guest lecture is 04 AL04 – Alumni chapter is NIL
	5.16 Student Mentoring Report	Corresponding file	No specific format is followed
6. Governance, Leadership and Management	6.1 SWOT Analysis – Review Meeting	HOD file / MM11 – MM14*	File verified
	6.2 Academic Audit –Action Taken	IQ 04	File verified
	6.3 Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	Corresponding file	<ul style="list-style-type: none"> <li>• Centre of Excellence is Nil</li> <li>• 3 MoUs signed with foreign universities</li> </ul>
	6.4 Faculty Training – FDP/NPTEL/Industry	TR01- TR03*	All faculties have attended FDP
	6.5 Faculty Qualification Improvement & Retention	Training file	1 faculty completed PhD & 100% retention
	6.6 Skill up-gradation training for Supporting Staff	TR-02	All 4 non-teaching staffs have attended training programme
	6.7 Day to Day Activities and Parents-Teachers Meeting	PRO-01 TO 04/ MM21*, MM22*	PTM was not conducted
	6.8 Department faculty meeting	MM19*, MM20*	File verified

7.	Institutional Values and Best Practices	7.1 Department Best Practices	IIPC file	<ul style="list-style-type: none"> <li>• Faculties delivered programs for industries</li> <li>• Outbound training</li> <li>• Social Sensitization project included in syllabus</li> </ul>
		7.2 Contribution towards Institutional Values and Social Responsibilities	CoE file	Through Social Sensitization project students have involved in various social activities
		7.3 Contribution towards Special programmes	Association file	Students attending outbound training in industries
		7.4 Human values and Professional Ethics related activities	Association file	Indian Ethos and Business Ethics course was included in curriculum
		7.5 Contribution towards Institutional Distinctiveness	Corresponding file	Dr.P.Karthikeyen sir has taken course in Foreign Institutions (Indonesia)
		7.6 Practices for Student Self learning	Corresponding file	<ul style="list-style-type: none"> <li>• Students are attending Outbound training</li> <li>• 1 student has participated in international study tour (Singapore)</li> </ul>

The following parameters are not applicable for S&H department 1.5,1.7,2.1,2.2,2.11,2.12,2.13,2.18,2.19,2.20,2.26,3.7,3.21,3.22,5.1 to 5.7,5.15

\* Even sem onwards

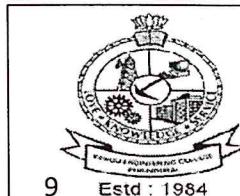
S.No.	Criteria	Major Remarks / Comments
1.	Curricular Aspects	No revision in elective courses from 2022 to 2024 regulation No value-added course is conducted Alumni and Faculty feedback to be improved
2.	Teaching -Learning Process	Rubrics should be followed as per format and not evaluated as per format for lab as well projects
3.	Research, Innovation and Extension	Good number of R&D proposals submitted Good number of citations maintained Promotion of startup-NIL SCI publication may be improved Newsletter-NIL
4.	Infrastructure and Learning Resources	Documents for 4.1 are not as per IQAC format
5.	Student Support and Progression	Percentage of students joining higher education and Students success in competitive exams needs to be improved Paper/project presentation by students within the institution can be improved Students mentoring can be improved
6.	Governance Leadership and Management	Found deviation in CAT analysis and NC document. NC is not closed for all criteria as per compliance Report. PTM was not conducted Can focus on implementing CoE
7.	Institutional Values and Best Practices	Good
<b>Overall Comments</b>		Good

*[Handwritten signature]*  
 Department IQAC Coordinators  
 (with name)  
 (M. Mohana Sinnolari)

KEC IQAC

1. *[Signature] 16/10/24 (Dr.K.Gomathi)*  
 2. *[Signature] 16/10/24 [G.Sivapriya]*  
 Auditors  
 (with name)

*P. [Signature] 16/10/24*  
 Head of the Department  
 (with seal)



**KONGU ENGINEERING COLLEGE**  
 (Autonomous)  
 PERUNDURAI – 638060  
 INTERNAL QUALITY ASSURANCE CELL  
**NON-CONFORMANCE REPORT**



Department: Management Studies

Date: 16.10.2024

**NON-CONFORMITIES**

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1				NIL			

**Observations (Opportunities for improvement)**

S. No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	1.5 Revision in Elective courses	No revision in elective courses from 2022 to 2024 regulation	Rather than changing the content, suitable changes in teaching method is done by cause teachers if required.	Informed to all faculty members.		BOS Coordinator	Next academic year
2.	1.6 Value Added Courses – Organized and Participation of students	No value-added course is conducted	IIBF course is conducted regularly based on the willingness(Trimester pattern)	Interested students will be participated and the course be conducted.		Value Added Course In-charges	Next academic year
3.	1.8 Feedback System on Curriculum - Alumni	Alumni feedback and faculty feedback to be improved.	Feedback collected but not up to the level	Informed to considered the feedback suggestion for the future		BOS Coordinator	Next academic year

S. No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
4.	2.17 Evaluating experiments – Rubrics/Periodically	Rubrics should be followed as per format and not evaluated as per format	Rubrics to be maintained as per the IQAC guidelines	Informed to maintain the format		Course Teachers	Next academic year
5.	2.20 Evaluation of Projects through Review – Rubrics followed	Not evaluated as per format	Individual course wise rubrics followed earlier	Instruct follow the rubrics as per the format		Project Coordinator	Immediate
6.	3.6 Promotion of Start-ups	NIL	Since trimester pattern and student are less in entrepreneurship and they concentrate on placements.	In future will promote the students for start ups		EMDC/IEF Coordinator	Next academic year
7.	3.8 Quality Publications by faculty (SCI/Scopus)	SCI-01 SCI publications may be improved	Since there is no technical scope for our papers many paper submitted where rejected. Hence concentrated over the conference papers which proceeds with publication is delayed due to various reasons	Technical collaboration is in progress for the publication.		All faculty members	Next Academic year
8.	3.24 No of Newsletters	NIL	Data collected but not prepared as newsletter format. (so not shown)	Informed to the staff in-charge to take action to publish newspaper		Newsletter coordinator	Next Academic year
9.	Governance, Leadership and Management	Found deviation in CAT analysis and NC document. NC is not closed for all criteria as per compliance Report.	Considered all course result analysis Instead of deviation analysis	May be corrected accordingly for the same		Department IQAC coordinator	Next Academic year

S. No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
10	5.4 & 5.5 Percentage of students joining higher education and Students success in competitive exams	NIL	Since this Programme is professional one, after completion the students go for their career, more concentration on placements and also stress in such exams is less	Plan to Conduct Programme to create awareness on the same		HEC coordinator	Next Academic year
11.	5.13 Paper / Project presentation by students - Within institution Minimum presentation/ student/ Academic Year	NIL	Since this Programme is in trimester pattern the student are not having more time to concentrate on such activities because most of the time exams and conferences are overlapping	Instructed the student to give attention for the same		Student association coordinator	Next Academic year
12.	6.3 Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	Centre of Excellence – NIL	Though we have foreign collaboration with universities and MoUs with various company yet we are trying for center of excellence	Future will be successful in forthcoming years.		HOD	Next academic year
13.	6.7 Parents-Teachers Meeting	PTM was not conducted	Not applicable for MBA				

1.   
16/01/2024

(Dr. K. GOMATHI, Asso. Prof./MTS)

2. 

(Ms. G. SIVAPRIYA, Asst. Prof./ECE)

Auditor(s)  
(Name with Designation & Dept.)

  
Auditee Dept. IQAC Coordinator  
(Dr. M. MOHANASUNDARI)

  
Auditee Dept. HOD  
(Dr. P. KARTHIKEYAN)



## KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI - 638060  
INTERNAL QUALITY ASSURANCE CELL

### AUDIT EVALUATION SHEET



### Audit Evaluation Sheet for the Academic Year 2023-2024

(Inter Department)

1. Dr. K. MANJULA RANI, ASP / CHEMISTRY Date of Audit : 26.09.24  
 2. Mr. M. Dharmaraj (AP/Sr.G) / Mechanical  
 3. Mr. T. SURENDRAN. (AP/MTS) Audited Department : MCA

Auditors Name and Designation

S.No.	Criteria (Max Mark)	Parameters	File Name Audited	Observations
1.	Curricular Aspects	1.1 Curriculum Design and Development process	CDC-01, CDC-02	Files Verified
		1.2 Curriculum and syllabus – Planning and Implementation	CDC-03,04,06	Files Verified
		1.3 Dissemination of regulation, curriculum & Syllabus	CDC-05,10	Files Verified
		1.4 Minutes of BOS Meeting	CDC- 08,09	Minutes available with signature of all faculties
		1.5 Revision in Elective courses	CDC-11	Signed Copy of Syllabus to be maintained
		1.6 Value Added Courses – Organized and Participation of students	NVC-01 To 06	Students feedback to be maintained

		1.7 Student involvement in field projects/internships	PR01, PC-05/PT-04*, PR-01*	Projects & Internships files verified
		1.8 Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	CDC-07A, 07C, 07E, 07F, 07G, 07P	Files verified
		1.9 Mapping of Course Outcomes and Programme Outcomes	CDC-03, 04, 06	Files verified
		1.10 Allotting courses to faculty based on expertise	TT1-01, 02 / TT-01, 02*	Skill Matrix Verified, Need a little improvement for allotting Courses
		1.11 Allotment of adequate number of hours in time table for theory/practical/project	TT1 -03, 04, 05 / TT-03-06*	Files verified
2.	Teaching –Learning Process	2.1 Student Enrolment & Improvement in Student Quality Enrolment Ratio = No. of seats filled / No of Seats Approved	HoD -03	File Verified
		2.2 Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HoD -04	File Verified
		2.3 Structured Course Plan	CCO-01/ AC03*	22 MCF04 - T. Kalpana 22 MCT21 - S. Hemalatha 22 MCT21 - L. Rahunathan All files have to be improved as per structure.
		2.4 Course Coordination Meeting	CC0-02/ AC-01A, 02*	22 MCF04 3 minutes & Agenda File Verified in new format to be followed
		2.5 Class Monitoring Committee Meeting	FB 01A, 01*	File Verified - Sign by
		2.6 Course Delivery Methods – Use of ICT tools / Outcome Based Teaching learning Report	AC-14(Course file)/ AC-03*	22 MCT21 - AC-14 verified 22 MCE23 - file Verified

	2.7 Continuous Assessment (CA) Test Question Paper standards	ACO -06 / TE-03*	Q.P file verified
	2.8 Conduct of Continuous Assessment Tests	TCO -01 to 07 / TE-01* #	TC-01 to 07 Verified
	2.9 Evaluation of CA Test papers with Answer key	Course files	22MCT21, 22MCF04 & No tick mark, student sign follow up etc. 3 papers to be filled.
	2.10 Adequate number of Assignments and Tutorials & Evaluation of Assignment & Tutorial	ACO-01, ACO-07/ Course file	Consolidated Tutorial marks to be included in all courses
	2.11 Virtual Lab Experiments / Mini project based experiments - Experiments per course for 2 and 3 years	Course files	NIL
	2.12 Micro projects in Theory Courses - Simulation / Project based Assessment for tutorials for 2 and 3 years / Semester	Course files	22MCL01 - microprojects assigned for Lab courses & considered for other assessment.
	2.13 Field visits for courses - One day factory visits for Theory courses for self-learning in 2 and 3 year of study / dept.	Course files	NIL
	2.14 Remedial Measures for Slow Learners with proof	Course file / AC12*, 13*	Circular Attendance for Remedial verified
	2.15 Laboratory Plan	LT-01/LT 03, LT04 / AC-09*, AC-10*	LT-01, 4 - verified AC-09 - verified 22 MCL22 Nanthini .k.
	2.16 Quality of Laboratory Manual	LT-01*, Lab manuals / AC-11*/ Course file	Lab Manual 22 MCL12 - Verified

	2.17 Evaluating experiments – Rubrics/Periodically	AC11*, Course file for Lab	Verified - Rubrics & Record
	2.18 Project Work Review Schedule	PR02 / PR-01 to 04*	PR02 - Verified
	2.19 Quality of Project Reports	Project Reports	23 MCR019, 34, 52 - Projects Reports Verified
	2.20 Evaluation of Projects through Review – Rubrics followed	PR-04*, PR-02*	PR-04 Verified
	2.21 Continuous Assessment Test Report and Consolidated Report	AC06*, AC07* (Inspro plus)	Sign is missing - verified
	2.22 End Semester Result Analysis	AC08*	AC08 - Verified.
	2.23 PAC and QIC formulation and Meeting minutes	MM11- MM14*	No circular for committee formation, New formats Agenda & Minutes to be followed
	2.24 Student Feedback on Course and Teacher	Course & teacher feedback	File Verified
	2.25 Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	PMO 01 to 05/ (2019-23 Batch) PO 01-08*	CO, PO analysis - both to be followed. Old excel format used.
	2.26 Alumni - Graduate Exit survey for PO & PSOs at the end of the programme	Corresponding files	File Verified
3.	Research, Innovation and Extension	3.1 Seed money Proposals (student funding through IIC may be consider)	Corresponding files  NIL

	3.2 Submission of Project Proposals	RC01/ RD01*	# Proposals submitted is 7/10 Need to be Improved
	3.3 Research Grants received	RD-10*	NIL
	3.4 Conference / seminar / workshop/FDP/STTP proposals submitted	RC01/ RD01*	only 3/13 submitted. Need to be improved
	3.5 Conference / seminar / workshop/FDP/SSTP organized	RD09*	OI - CSIR Sponsored Seminar - file verified
	3.6 Promotion of Start-ups	EMC-01 TO 05	NIL
	3.7 Conversion of student projects into paper / Patent	RD03*	23/42 - Scopus publication file Verified
	3.8 Quality Publications by faculty (SCI/Scopus)	RD02*	SCI by 1/10 and 2/3 by non-phd PhD 23/13 - Files Verified
	3.9 Books/Book chapters/Conference/Patent filed/granted/Published by faculty	RD04*	4 - Book Chapters - file Verified
	3.10 Awards / Outside Interaction/ Collaboration of the faculty	RD05*	Files Verified
	3.11 PhD pursuing & Completed details	RD-07*	1 completed & 21 Pursuing - file Verified

	3.12 Membership in Professional Bodies	RD-08*	Memberships in professional bodies 2/13 Need to be improved
	3.13 Students Enrollment Ph.D. - No of new students enrolled for the doctoral program	Corresponding files	File verified - Maintain year wise data
	3.14 Minimum no of citations Faculty / dept/Academic year	Corresponding files	Corresponding file Verified - 1/13 is not meet out the quality Policy
	3.15 PhD awarded - No of candidates/Year	Corresponding files	01 - Verified
	3.16 Conferences attended - Faculty /Academic Year	Corresponding files	14/13 Verified
	3.17 Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department /Academic Year	Corresponding files	NIL
	3.18 Industrial Consultancy/Testing Identification Report	IC 01*, IC-03*	Rs 11,20,000 /13 faculty Verified
	3.19 MoUs signed and activities Record	IC 02*	File verified
	3.20 Industrial Training (IIPC/Other Grants)/ Self Supporting Program	IC- 04*	01 - Verified

		3.21 In plant Training/Internship	IP -01*	IPT - NIL Internship 26/108
		3.22 Industrial visits arranged for students	IV-01,02,03,04*	NIL
		3.23 Association activities / Clubs/Professional Societies/ Cell's	CA01 -CA04*	CA-01 to 04 file Verified i.e., 10 Events
		3.24 No of News Letter	Minimum 4 per year	Verified
		3.25 Developmental activities - No of Activities / department /Academic Year Product Development (IIC, TBI, etc)		6 team won prizes in IIC
4.	Infrastructure and Learning Resources	4.1 Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	FMM-01 TO 04	physically verified but files are not in formats
		4.2 Laboratory Maintenance Records/Registers	LT03, LT05, LT07*	Available
		4.3 Equipment working conditions/Calibration	LT05, LT06, LT08, LT09*	Available
		4.4 Latest/Research Level equipments – Availability and Utilization	Stock & utilization register	Not available No research level equipments are there.
		4.5 Utilization of budget	BD01-BD03, MM23 – MM24*	RS. 9,66,000/- sanctioned but 20% only spent FDP Amount not used.

		4.6 Department Library – Maintenance and utilization	Maintenance & utilization register/ Record	files verified No Recent books purchased
		4.7 Computing Facilities - Maintenance and utilization	LT07	preventive maintenance record verified
		4.8 E-content development – Videos developed	Question banks PPT/ Records website link	Available in Website
5.	Student Support and Progression	5.1 Placement details and training plan for Skill Development	PT 01- PT05*	files verified
		5.2 Percentage of students placed (Improvement over 3 years)	PT 01-05*	verified as a soft copy. Need to maintain in a file.
		5.3 Awareness programmes on Higher Education	HEC-01 TO 05	Files available for very few programs. mostly students interested for Job
		5.4 Student participation and success in competitive examinations	HEC -01 TO 05	One student participated in govt. exam.
		5.5 Percentage of students joined higher education	HEC -04	Few students are joined in premium institute [GATE]
		5.6 Entrepreneurship - No of students attended trainings / Dept	Proof as per Quality plan	List of students participation to be received from Central team .
		5.7 Entrepreneurship - No of startups/Dept	Proof	Not Applicable

		5.8 Student's participation in Co/Extra-curricular activities (Cultural, Sports, etc.) Paper Presentation/ Project Presentation	SAP files SAP 01 TO 04	File Verified and the Count of Participation in Co-Curricular - 72 & Extra Curricular - 1
		5.9 Innovative projects development by students - No of projects developed / department / Academic Year	Proof as per Quality plan	Only 17 Projects developed through IIC/IEF . not other than that . -
		5.10 Innovative projects development by students - No of projects presentation/ student/ Academic Year (through IIC/IEF)	Proof as per Quality plan	Projects (17) developed by Students And participated in internal Events - File Verified
		5.11 Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire course of study	Proof as per Quality plan	No Paper Presentations in Premier institutions .
		5.12 Paper / Project presentation by students - Other Institutions Minimum presentation/ student / Academic Year	Proof as per Quality plan	40 Participation Certifications from other institutions .
		5.13 Paper / Project presentation by students - Within institution Minimum presentation/ student/ Academic Year	Proof as per Quality plan	6 Participation Certifications for inside KEC
		5.14 Student achievements and awards	Student paper & project files	18 Award Certifications are received. - file Verified.
		5.15 Alumni Visits, Meetings and Guest Lectures	AL01 – AL04*	45 Alumnus are Visited in college . and 7 Activities are conducted - File Verified
		5.16 Student Mentoring Report	Corresponding file	Mentoring reported Verified . No action taken ) Notable reports .
6.	Governance, Leadership and Management	6.1 SWOT Analysis – Review Meeting	HOD file / MM11 – MM14*	Circular and Minutes are not found in HOD file

		6.2 Academic Audit –Action Taken	IQ 04	IQAC Audit file. Non-Conformities are maintained
		6.3 Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	Corresponding file	No file found.
		6.4 Faculty Training – FDP/NPTEL/Industry	TR01- TR03*	File Verified. FDP - 52, NPTEL - 1
		6.5 Faculty Qualification Improvement & Retention	Training file	Seminars - 5 Conference - 37
		6.6 Skill up-gradation training for Supporting Staff	TR-02	12 Certifications are found. in training file.
		6.7 Day to Day Activities and Parents-Teachers Meeting	PRO-01 TO 04/ MM21*, MM22*	Day to Day Activities are Not filed Properly - PGT Intra session Not recorded Properly
		6.8 Department faculty meeting	MM19*, MM20*	24 meetings Conducted in 2023-24. file Verified.
7.	Institutional Values and Best Practices	7.1 Department Best Practices	IIPC file	file Verified. 2-Activities
		7.2 Contribution towards Institutional Values and Social Responsibilities	CoE file	Not established - Yet.
		7.3 Contribution towards Special programmes	Association file	No Special Programs are found -

		7.4 Human values and Professional Ethics related activities	Association file	One human Values related programs was found.
		7.5 Contribution towards Institutional Distinctiveness	Corresponding file	NIL.
		7.6 Practices for Student Self learning	Corresponding file	21 Student NPTEL Certification was obtained 10 20 n - 24. (Chackerran)

The following parameters are not applicable for S&H department 1.5,1.7,2.1,2.2,2.11,2.12,2.13,2.18,2.19,2.20,2.26,3.7,3.21,3.22,5.1 to 5.7,5.15

\* Even sem onwards

S.No.	Criteria	Major Remarks / Comments
1.	Curricular Aspects	-
2.	Teaching –Learning Process	* Course file documentation, compilation needs to be improved * In evaluation of answer paper - Need tick mark, sign by faculty & student, Remedial measures, followed actions (test) and final follow up etc. End Sem QP need to be filed * SPAE & AIC - formation of committee was missing * Co & Po analysis - Direct & Indirect assessment & action taken is needed
3.	Research, Innovation and Extension	* R & D activities needs to be improved → Proposals submitted (R & D & seminar/conf) Paper publications (Scopus) needs to be improved
4.	Infrastructure and Learning Resources	* Utilization of Budget is to be improved * Documents with formats to be maintained
5.	Student Support and Progression	* premier institution participation to be encouraged,

6.	Governance Leadership and Management	* Proof for the SWOT Analysis meeting was not recorded properly (6.1) * No file found for Strategic development (6.8) * Day to Day activities and Parent - Teachers interaction recorded properly (6.1)
7.	Institutional Values and Best Practices	* COE Not established . (7.2) * No Special Programs are found in Association file (7.3) * Contribution towards the institutional distinctiveness is Nil (7.5)
Overall Comments		Except few parameters, others are good

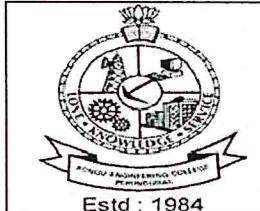
*M.P.M*  
Department IQAC Coordinators  
(with name)

[Dr. M. PYING/odij]

1. Dr. K. MANJULA RANI *M. Manjula Rani*
2. M. ITHARUNNIVY (M. Itharunivu)
3. SURENDRAN T (*S. Surendran*)

Auditors  
(with name)

*S. Samuels*  
Head of the Department  
(with seal)



**KONGU ENGINEERING COLLEGE**  
**(Autonomous)**  
**PERUNDURAI – 638060**  
**INTERNAL QUALITY ASSURANCE CELL**

**NON CONFORMANCE REPORT**



**Department: Computer Applications**

**Date: 08.10.2024**

**Nonconformities**

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Curricular Aspects	--					
2.	Teaching Learning Process	--					
3.	Research Innovation and Extension	R&D proposals and Seminar/Conference/ workshop proposals are insufficient. Need to improve.	Due to workload, we have not concentrate on proposal submissions	Insist that the faculty members apply to various funding agencies.	A schedule is prepared by the R&D Coordinator, and they are asked to verify the process	All faculty	Next academic year
		SCI Publications by faculty is not up to the level. Need to Improve.	Most of the PhD holders publish their work in the Scopus	Encourage the faculty members with PhDs to concentrate on publishing their work in SCI journals rather than in Scopus	Every three months, details of SCI paper submissions can be collected and monitored.	All faculty	Next academic year
		Industrial Visit was not arranged for Students.	Due to Placement training and Placement Drive, working hours is not sufficient for both I and II Year	Starting of the Even Semester, IV may be planned for I year	IV may be planned in the department academic year plan itself	IV Coordinator	January 2025

4.	Infrastructure and Learning Process	Budget utilization is very low (i.e only 20%)	Activities that were planned for the academic year might have been postponed due to regulatory issues	The department meeting will include a discussion on budget planning. Budget utilization details can be monitored in accordance with the planned budget during the department meeting	Budget utilization from the current year is used for the preparation of the next academic year	Coordinator	Next Academic year
5.	Student Support and Progression	--					
6.	Governance, Leadership and Management	--					
7.	Institutional Values and best Practices	--					

#### Observations (Opportunities for improvement)

S.No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Curricular Aspects	--					
2.	Teaching Learning Process	CO-PO Excel completion with observation and Action taken Report	We are unable to identify a proper COPO attainment calculation.	After the completion of each CAT assessment, the COPO attainment calculation will be done.	A coordinator is to be assigned to collect and work with COPO attainment for the entire batch.	COPO Coordinator	06.12.2024

		Proper documentation and completion of course file as per IQAC check list need to improve.  No PAC and QIC – Committee formation letter.	Minor updates need to be made in a few documents. Since we did not follow the NBA procedure, we did not concentrate on the PAC and QIC committees.	Schedule periodic reviews after CAT Assessment and ensure the course file documentation is up-to-date and aligns with the checklist requirements. Set up a monitoring mechanism to evaluate the effectiveness of the PAC and QIC committees	Designate specific team members to verify the course file and other IQAC documents. At the beginning of the academic year, the formation of the PAC and QIC committees is initiated	All Faculty  PAC & QIC Coordinator	December 2024
3.	Research Innovation and Extension	Membership in Professional bodies need to be improve	Most of the faculty members are not interested in having membership in the professional bodies	Encourage the faculty members to join the professional bodies	A list of free memberships in professional bodies may be provided to faculty members	All Faculty	Next Academic Year
4.	Infrastructure and Learning Process	--					
5.	Student Support and Progression	No paper presentation by student in Premier Institution	Most of the students are not concentrate to participate in the premier Institution	Encourage the students to participate in the Premier Institution and have the student secretary and faculty coordinator monitor their involvement.	Premier Institution events Schedule can be circulate to the students by the coordinator	Coordinator	Feb 2025

						Coordinator	Next Academic Year
6.	Governance, Leadership and Management	Circular and meeting minuets are not available for strategic development	The meeting was conducted but not recorded in the document.	Ensure that regular strategic development meetings are scheduled and communicated to all relevant stakeholders.	Regularly check that meeting minutes and circulars are being created and filed as required and address any gaps promptly.		
7.	Institutional Values and best Practices	--					

1. Dr. K. MAHISULA RANI (Dr. K. MAHISULA RANI) ASP/chemistry

2. M. Athulya (M. Athulya) AP/Mech

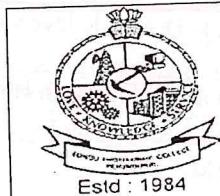
3. T. SURENDRAN (T. SURENDRAN) AP/MECHATRONICS

Auditor's

(Name with Designation & Dept.)

MMR  
Auditee Dept. IQAC Co-ordinator  
[Dr. N. pying kodi]

Bannu  
Auditee Dept. HOB



**KONGU ENGINEERING COLLEGE**  
 (Autonomous)  
 PERUNDURAI – 638060  
**INTERNAL QUALITY ASSURANCE CELL**  
**AUDIT EVALUATION SHEET**



**Audit Evaluation Sheet for the Academic Year 2023-2024**  
 (Inter Department)

Auditors Name and Designation:  
 (1) Dr. M. MOHANASUNDARI, ASP/MBA  
 (2) Dr. R. RAMYA SRI, AP/English  
 (3) Ms. S. GAYATHRI, AP/CSE

Date of Audit :25-09-2024  
 Audited Department: Computer Technology (UG)

S.No.	Criteria	Parameters	File Name Audited	Observations
1.	Curricular Aspects	1.1 Curriculum Design and Development process	CDC-01, CDC-02	Verified
		1.2 Curriculum and syllabus – Planning and Implementation	CDC-03,04,06	04 & 06 not available
		1.3 Dissemination of regulation, curriculum & Syllabus	CDC-05,10	Verified
		1.4 Minutes of BOS Meeting	CDC- 08,09	Verified but Not in IQAC format
		1.5 Revision in Elective courses	CDC-11	Not in IQAC format
		1.6 Value Added Courses – Organized and Participation of students	NVC-01 To 06	Not in IQAC format
		1.7 Student involvement in field projects/internships	PR01, PC-05/PT-04*,PR-01*	PT-04 is only applicable
		1.8 Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	CDC-07A, 07C,07E,07F,07G, 07P	Verified
		1.9 Mapping of Course Outcomes and Programme Outcomes	CDC-03,04, 06	CDC – 03 verified 06 not available
		1.10 Allotting courses to faculty based on expertise	TT1-01,02 / TT-01, 02*	Verified
		1.11 Allotment of adequate number of hours in time table for theory/practical/project	TT1 -03,04,05/ TT-03-06*	Verified
2.	Teaching – Learning Process	2.1 Student Enrolment & Improvement in Student Quality Enrolment Ratio = No. of seats filled / No of Seats Approved	HoD -03	Verified
		2.2 Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HoD -04	Verified
		2.3 Structured Course Plan	CCO-01/ AC03*	Verified
		2.4 Course Coordination Meeting	CC0-02/ AC-01A, 02*	Verified
		2.5 Class Monitoring Committee Meeting	FB 01A, 01*	Verified

S.No.	Criteria	Parameters	File Name Audited	Observations
2.	Teaching – Learning Process	2.6 Course Delivery Methods – Use of ICT tools / Outcome Based Teaching learning Report	AC-14(Course file)/ AC-03*	20BCE09 – Blockchain Technology – Elective paper 20BCT51 – AI&ML 20BCL51 – Machine Learning Lab
		2.7 Continuous Assessment (CA) Test Question Paper standards	ACO -06 / TE-03*	Verified 24BCT11- DLPD- K levels mismatched – need to scrutinized
		2.8 Conduct of Continuous Assessment Tests	TCO -01 to 07 / TE-01* #	Documents to be maintained with HoD sign
		2.9 Evaluation of CA Test papers with Answer key	Course files	20BCE09 – Blockchain Technology – Elective paper 20BCT51 – AI&ML Verified
		2.10 Adequate number of Assignments and Tutorials & Evaluation of Assignment & Tutorial	ACO-01, ACO-07/ Course file	20BCE09 – Blockchain Technology – Elective paper 20BCT51 – AI&ML Verified
		2.11 Virtual Lab Experiments / Mini project based experiments - Experiments per course for 2 and 3 years	Course files	20BCT51 – AI&ML Verified
		2.12 Micro projects in Theory Courses - Simulation / Project based Assessment for tutorials for 2 and 3 years / Semester	Course files	20BCT51 – AI&ML Verified
		2.13 Field visits for courses - One day factory visits for Theory courses for self-learning in 2 and 3 year of study / dept.	Course files	Not Available
		2.14 Remedial Measures for Slow Learners with proof	Course file / AC12*, 13*	20BCT51 – AI&ML Verified
		2.15 Laboratory Plan	LT-01/LT 03, LT04 / AC-09*, AC-10*	20BCL51 – Machine Learning Lab Verified
		2.16 Quality of Laboratory Manual	LT-01*, Lab manuals / AC-11*/ Course file	20BCL51 – Machine Learning Lab Verified
		2.17 Evaluating experiments – Rubrics/Periodically	AC11*, Course file for Lab	20BCL51 – Machine Learning Lab Verified
		2.18 Project Work Review Schedule	PR02 / PR-01 to 04*	20BCP51 – Project work – PR01 available- suggested to maintain consolidated sheet by Panel
		2.19 Quality of Project Reports	Project Reports	The content of the project report preparation can be documented
		2.20 Evaluation of Projects through Review – Rubrics followed	PR-04*, PR-02*	Verified
		2.21 Continuous Assessment Test Report and Consolidated Report	AC06*, AC07* (Inspro plus)	Verified
		2.22 End Semester Result Analysis	AC08*	Verified
		2.23 PAC and QIC formulation and Meeting minutes	MM11- MM14*	MM 13 & 14 not available

S.No.	Criteria	Parameters	File Name Audited	Observations
2.	Teaching – Learning Process	2.24 Student Feedback on Course and Teacher	Course & teacher feedback	Verified
		2.25 Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	PMO 01 to 05/ (2019-23 Batch) PO 01-08*	Not maintained
		2.26 Alumni - Graduate Exit survey for PO & PSOs at the end of the programme	Corresponding files	Not maintained
3.	Research, Innovation and Extension	3.1 Seed money Proposals (student funding through IIC may be consider)	Corresponding files	Verified IIC files
		3.2 Submission of Project Proposals	RC01/ RD01*	Verified – 43% deviation from quality plan
		3.3 Research Grants received	RD-10*	No grant - no files maintained
		3.4 Conference / seminar / workshop/FDP/STTP proposals submitted	RC01/ RD01*	Verified - 68% deviation from quality plan
		3.5 Conference / seminar / workshop/FDP/SSTP organized	RD09*	Verified
		3.6 Promotion of Start-ups	EMC-01 TO 05	No startups - no files maintained
		3.7 Conversion of student projects into paper / Patent	RD03*	Verified
		3.8 Quality Publications by faculty (SCI/Scopus)	RD02*	Verified
		3.9 Books/Book chapters/Conference/Patent filed/granted/Published by faculty	RD04*	Verified
		3.10 Awards / Outside Interaction/ Collaboration of the faculty	RD05*	Verified – outside interaction can improved
		3.11 PhD pursuing & Completed details	RD-07*	Verified
		3.12 Membership in Professional Bodies	RD-08*	Nil
		3.13 Students Enrollment Ph.D. - No of new students enrolled for the doctoral program	Corresponding files	Verified
		3.14 Minimum no of citations Faculty / dept/Academic year	Corresponding files	Verified
		3.15 PhD awarded - No of candidates/Year	Corresponding files	Verified
		3.16 Conferences attended - Faculty /Academic Year	Corresponding files	Verified
		3.17 Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department / Academic Year	Corresponding files	Not Available
		3.18 Industrial Consultancy/Testing Identification Report	IC 01*, IC-03*	Verified
		3.19 MoUs signed and activities Record	IC 02*	Verified
		3.20 Industrial Training (IIPC/Other Grants)/ Self Supporting Programme	IC- 04*	Verified

S.No.	Criteria	Parameters	File Name Audited	Observations
3.	Research, Innovation and Extension	3.21 In plant Training/Internship	IP -01*	Consolidated sheet to be maintained
		3.22 Industrial visits arranged for students	IV-01,02,03,04*	Verified
		3.23 Association activities / Clubs/Professional Societies/ Cell's	CA01 –CA04*	IQAC format to be maintained - coding club
		3.24 No of News Letter	Minimum 4 per year	Verified
		3.25 Developmental activities - No of Activities / department/ Academic Year Product Development (IIC, TBI, etc)		Verified
4.	Infrastructure and Learning Resources	4.1 Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	FMM-01 TO 04	Verified
		4.2 Laboratory Maintenance Records/Registers	LT03, LT05, LT07*	Verified
		4.3 Equipment working conditions/Calibration	LT05, LT06, LT08, LT09*	Verified
		4.4 Latest/Research Level equipments – Availability and Utilization	Stock & utilization register	Verified
		4.5 Utilization of budget	BD01-BD03, MM23 – MM24*	Verified
		4.6 Department Library – Maintenance and utilization	Maintenance & utilization register/ Record	Available
		4.7 Computing Facilities - Maintenance and utilization	LT07	Verified
		4.8 E-content development – Videos developed	Question Banks PPT/Records website link	Verified
5.	Student Support and Progression	5.1 Placement details and training plan for Skill Development	PT 01- PT05*	Verified
		5.2 Percentage of students placed (Improvement over 3 years)	PT 01-05*	Verified
		5.3 Awareness programmes on Higher Education	HEC-01 TO 05	Verified
		5.4 Student participation and success in competitive examinations	HEC -01 TO 05	Verified
		5.5 Percentage of students joined higher education	HEC -04	Verified
		5.6 Entrepreneurship - No of students attended trainings / Dept	Proof as per Quality plan	Verified
		5.7 Entrepreneurship - No of startups/Dept	Proof	No start-up
		5.8 Student's participation in Co/Extra-curricular activities (Cultural, Sports, etc.) Paper Presentation/ Project Presentation	SAP files SAP 01 TO 04	Not in format
		5.9 Innovative projects development by students - No of projects developed / department / Academic Year	Proof as per Quality plan	Verified
		5.10 Innovative projects development by students - No of projects presentation/ student/ Academic Year (through IIC/IEF)	Proof as per Quality plan	Verified
		5.11 Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire course of study	Proof as per Quality plan	Nil

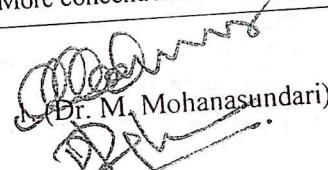
S.No.	Criteria	Parameters	File Name Audited	Observations
5.	Student Support and Progression	5.12 Paper / Project presentation by students - Other Institutions Minimum presentation/ student / Academic Year	Proof as per Quality plan	Verified
		5.13 Paper / Project presentation by students - Within institution Minimum presentation/ student/ Academic Year	Proof as per Quality plan	Verified
		5.14 Student achievements and awards	Student paper & project files	Verified
		5.15 Alumni Visits, Meetings and Guest Lectures	AL01 – AL04*	AL04 maintained by central committee
		5.16 Student Mentoring Report	Corresponding file	Verified
6.	Governance, Leadership and Management	6.1 SWOT Analysis – Review Meeting	HOD file / MM11 – MM14*	Verified
		6.2 Academic Audit –Action Taken	IQ04	Verified
		6.3 Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	Corresponding file	Not available
		6.4 Faculty Training – FDP/NPTEL/Industry	TR01- TR03*	Verified
		6.5 Faculty Qualification Improvement & Retention	Training file	Verified
		6.6 Skill up-gradation training for Supporting Staff	TR-02	Verified
		6.7 Day to Day Activities and Parents-Teachers Meeting	PRO-01 TO 04/ MM21*, MM22*	Verified
		6.8 Department faculty meeting	MM19*, MM20*	Verified
7.	Institutional Values and Best Practices	7.1 Department Best Practices	IIPC file	AWS and CISCO tools incorporated in subject, 22BCT44- Computer Networks- INFOSYS
		7.2 Contribution towards Institutional Values and Social Responsibilities	CoE file	Not available
		7.3 Contribution towards Special Programmes	Association file	Nil
		7.4 Human Values and Professional Ethics related activities	Association file	Orientation given in Students induction programme
		7.5 Contribution towards Institutional Distinctiveness	Corresponding file	Nil
		7.6 Practices for Student Self-learning	Corresponding file	Self-learning from the problem statement given by the MoU signed company, NPTEL and learning through projects.

The following parameters are not applicable for S&H department 1.5,1.7,2.1,2.2,2.11,2.12,2.13,2.18,2.19,2.20,2.26,3.7,3.21,3.22,5.1 to 5.7,5.15

\* Even sem onwards

S.No.	Criteria	Major Remarks / Comments
1.	Curricular Aspects	Files to be maintained in line with IQAC format. Implant files for the 2023-2024 need updation.
2.	Teaching –Learning Process	Blooms Taxonomy levels to be maintained in CAT questions. Consolidated marksheets may be maintained for the Projects as per the Panel.
3.	Research, Innovation and Extension	Publication in SCI journals need to be improved More number of Programmes may be conducted either sponsored or in association with IIPC. Student Startups and patent can be initiated, as opportunities are there. All faculty - Collaborations, Awards, Outside interaction, Memberships and newsletter count may be improved
4.	Infrastructure and Learning Resources	Department Library can be made active.
5.	Student Support and Progression	Paper / Project presentation by students - Premier Institutions & Within institution Minimum presentation/ student/ Academic Year Not as per quality plan
6.	Governance Leadership and Management	Concentration can be given for Centre of Excellence & FST
7.	Institutional Values and Best Practices	Contribution towards Institutional Values and Social Responsibilities, Special Programmes and Institutional Distinctiveness may be improved.
Overall Comments		Good. More concentration can be given on Institutional Values and Best Practices

1. (Dr. M. Mohanasundari)



2. (Dr. R. Ramya Sri)

3. (Ms. S. Gayathri)



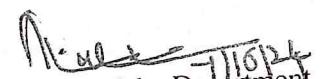
Auditors  
(with Name)

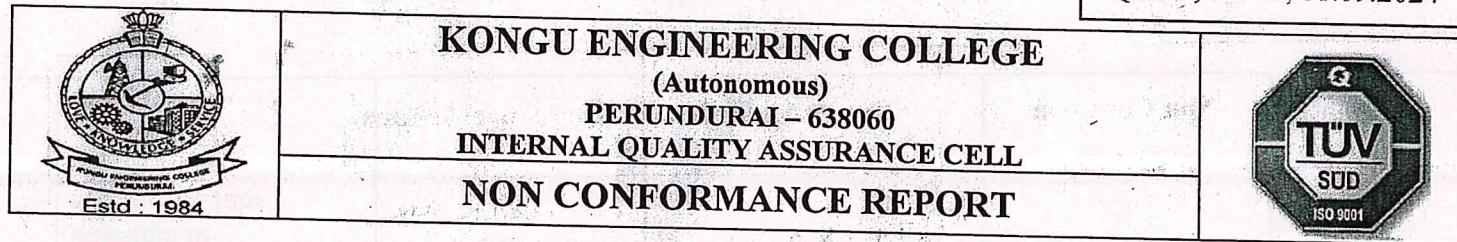
S. VILLI  
7/10/24  
Department IQAC Coordinator(s)  
(with Name)

C.S. KAVIMA BHARATHI

KEC IQAC

M. M. Mohana Sundari  
Head of the Department  
(with seal)





Department: Computer Technology - UG

Date: 08.10.2024

Nonconformities

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.		Guidance for competitive examination	Guidance program is conducted from the center cell of college	In the next academic year guidance program to be conducted	May be planned in Association activities	HEC Coordinator - Dr. M.N.KAVITHA for 2nd year	Next Academic year
2.	Student Enrollment and Progression of Students	Entrepreneurship- No Startups	Parents are not willing to allow their wards to startup after a single UG degree they are preferring placement & higher studies	More training programs are to be given by EMDC		EMDC Coordinator Dr. S. Parveethavarthini	Next Academic year
3.		Value Added Course: 2/3	Faculty are engaged in other activities	Faculty are asked to conduct its upcoming semester,		BOS – Coordinator Dr.S.Tamilselvi	Next Academic year

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
4.	Student Enrollment and Progression of Students	Students participation in Co & Extra Curricular Activity	<ul style="list-style-type: none"> <li>* It is a 3 year course</li> <li>* Students are tightly packed with placement</li> </ul>	<ul style="list-style-type: none"> <li>* Students are encouraged to participate actively from first year onwards</li> </ul>		Student Activity Coordinator Dr.S.Gandhimathi  <i>S. S. S.</i> 09/10/24	Next Academic year
5.		Paper presentation in premier institutions	<ul style="list-style-type: none"> <li>* Top third yr students are on intern</li> </ul>	<ul style="list-style-type: none"> <li>* Third years are motivated to register for premier institution</li> </ul>			Next Academic year
6.		Students paper presentation inside KEC	<ul style="list-style-type: none"> <li>* No. of events &amp; paper acceptance inside KEC less</li> </ul>	<ul style="list-style-type: none"> <li>* More events are asked to be identified</li> </ul>			Next Academic year
7.		Membership by students in societies/Clubs	<ul style="list-style-type: none"> <li>* Only second yr students are able to enroll</li> </ul>	<ul style="list-style-type: none"> <li>* All students are motivated to become a member</li> </ul>			Next Academic year

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
8.		No. of News Letters	Lack of time in collecting articles from Students.	Insisted the students to submit the articles at the earliest.		Ms.N.Naveena N.N	Next Academic year
9.		Project to paper conversion - CSD	Late Submission of paper.	Insist the Students to submit the paper earlier.		Project Coordinator Ms.S.Nandhinidevi S.N	
10.		Project to paper conversion – IS	Late Submission So, not yet Indexed	Informed & Suggested for early Submission	—	Project Coordinator Dr.K.Saraswathi K.S	Next Academic year
11.	Research	Project to paper conversion – SS	Late submission of papers so delay in publication	Suggested for early submission		Project Coordinator Ms.P.GokilaBrindha P.G	
12.		SCI / Scopus Publications	Paper are submitted for SCI	Faculty are informed to publish more paper in SCI & Scopus		D. Jigit.	

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
13.		Patents published and Granted	Student academic Project are not upto the level	Supervisors are informed to take responsibility in conversion of project to product.			
14.		Collaborative activities for research	Lack no of research contribution	Instructed the Ph.D completed faculty to do more collaborative activities.		Research Coordinator Ms.S.Sujitha <i>Dr. S. Sujitha</i>	Next Academic year
15.		Functional MoUs	Lack of time to conduct Activities through MoUs	Please conduct collaborative work with more signed industries.			
16.		Proposal submission (research)	Faculty are given more priority to academic activities.	Research team are informed to submit more project report proposal			

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
17.	Teaching Learning	For self-learning, One day field visit can be arranged	TV is scheduled as per norms. Field visit has to be arranged.	Informed course handling faculties to arrange field visit for their courses		Academic Coordinator Dr.N.Renukadevi 	Next Academic year
18.		Remedial Sessions for ESE need to be conducted	Lack of time	Will be scheduled this year			
19.	Continuous improvements	Graduate Exit survey for PO & PSO's at the end of the programme need to be maintained	Survey collected during graduation day.	Need to collect after end of course		Alumini Coordinator Ms.P.Gokulabharathi 	November 2024
20.	Budget Allocation and Utilization	Industry sponsored Lab	Lack of communication with industries	Efforts will be made through Alumni network for establishing sponsored lab		Lab In Charge Dr.S.Karunakaran 	Continuous
21		Budget utilization against sanctioned	Expected equipment failures not occurred	Proposals will be raised for purchase new equipments & software			

Observations (Opportunities for improvement)

S.No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Curricular Aspects	Document missing and need to be maintained in IQAC format	CDC 04, 6 Not in format	Corrected & Submitted	—	BOS Coordinator	Immediate
2.		Authorization missing in Test Coordinator documents	Missed in some QP	Obtained Signature	—	Test Coordinators	Immediate
	Teaching and Learning process	QIC Formulation and Meeting minutes need to be maintained	Committee formulated & minutes has to be prepared	Will plan and corrected for this academic year	—	Academic Coordinator	AY: 2024-25
		Course outcome and program outcome analysis need to be maintained	Lack of analysis	Will be maintained	—	Academic Coordinator	

S.No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
4	Student support and Progression	Startup may be initiated	Parents are reluctant to allow their wards in entrepreneurship line	Potential students are always given training by EMDC cell. They have to make use of it	-	EMDC Coordinator	Next AY
5	Governance, Leadership and Management	Strategic development monitoring may be improved	Strategic development parameters yet to be concentrated	Faculties are informed to focus more on it.	-	Academic coordinator	Continuous
6	Institutional Values and Best Practices	Social responsibility, Special programs may be planned	Lack of time	Have to discuss with Head of Dept. and will plan accordingly	-	Academic coordinator	Next AY

1. M. Redhana Sunderi  
 (M. Redhana Sunderi)

2. R. Ramya Sri  
 (R. Ramya Sri)

3. S. Gayathri  
 (S. Gayathri)  
 Auditor's

(Name with Designation & Dept.)

S. Vilte  
 9/10/24  
 Auditee Dept. IQAC Co-ordinator  
 (Dr. S. KAULIKA BHARATHI)

Praveen  
 14/10/24  
 Auditee Dept. HOD  
 (Dr. S. KALAI SELVI)



# KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI – 638060  
INTERNAL QUALITY ASSURANCE CELL

## AUDIT EVALUATION SHEET



### Audit Evaluation Sheet for the Academic Year 2023-2024 (Inter Department)

Date of Audit : 23.09.2024

Auditors Name and Designation : Dr. R. Shanthakumari, ASP/IT  
Mr. P. Senthil Kumar, AP/Automobile

Audited Department : CT-PG

S.No.	Criteria (Max Mark)	Parameters	File Name Audited	Observations
1.	Curricular Aspects	1.1 Curriculum Design and Development process	CDC-01, CDC-02	R2022 File verified
		1.2 Curriculum and syllabus – Planning and Implementation	CDC-03,04,06	R2022 File verified
		1.3 Dissemination of regulation, curriculum & Syllabus	CDC-05,10	R2022 File verified
		1.4 Minutes of BOS Meeting	CDC- 08,09	R2022 File verified
		1.5 Revision in Elective courses	CDC-11	R2022 File verified
		1.6 Value Added Courses – Organized and Participation of students	NVC-01 To 06	One credit course 22VC088 - Docker, 22VC003 - Introduction to Tailwind CSS - File Verified.
		1.7 Student involvement in field projects/internships	PR01, PC-05/PT-04*,PR-01*	18ISP01 - 10 <sup>th</sup> semester project file verified.
		1.8 Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	CDC-07A, 07C,07E,07F,07G, 07P	R2022 File verified
		1.9 Mapping of Course Outcomes and Programme Outcomes	CDC-03,04, 06	R2022 File verified
		1.10 Allotting courses to faculty based on expertise	TT1-01,02 / TT-01, 02*	Time Table R2022 File verified
		1.11 Allotment of adequate number of hours in time table for theory/practical/project	TT1 -03,04,05/ TT-03-06*	Satisfactory
2.	Teaching –Learning Process	2.1 Student Enrolment & Improvement in Student Quality Enrolment Ratio = No. of seats filled / No of Seats Approved	HoD -03	Satisfactory
		2.2 Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HoD -04	Satisfactory

S.No.	Criteria (Max Mark)	Parameters	File Name Audited	Observations
	2.3 Structured Course Plan		CCO-01/ AC03*	Satisfactory
	2.4 Course Coordination Meeting		CCO-02/ AC-01A, 02*	Not Applicable
	2.5 Class Monitoring Committee Meeting		FB 01A, 01*	Satisfactory
	2.6 Course Delivery Methods – Use of ICT tools / Outcome Based Teaching learning Report		AC-14(Course file)/ AC-03*	Satisfactory
	2.7 Continuous Assessment (CA) Test Question Paper standards		ACO -06 / TE-03*	22ISC41 – Design and Analysis of Algorithms CAT QP, Knowledge level percentage is not mapping according with the syllabus.
	2.8 Conduct of Continuous Assessment Tests		TCO -01 to 07 / TE-01* #	Satisfactory
	2.9 Evaluation of CA Test papers with Answer key		Course files	Satisfactory
	2.10 Adequate number of Assignments and Tutorials & Evaluation of Assignment & Tutorial		ACO-01, ACO-07/ Course file	Satisfactory
	2.11 Virtual Lab Experiments / Mini project based experiments - Experiments per course for 2 and 3 years		Course files	Satisfactory
	2.12 Micro projects in Theory Courses - Simulation / Project based Assessment for tutorials for 2 and 3 years / Semester		Course files	Satisfactory
	2.13 Field visits for courses - One day factory visits for Theory courses for self-learning in 2 and 3 year of study / dept.		Course files	Satisfactory
	2.14 Remedial Measures for Slow Learners with proof		Course file / AC12*, 13*	Satisfactory
	2.15 Laboratory Plan		LT-01/LT 03, LT04 / AC-09*, AC-10*	Satisfactory
	2.16 Quality of Laboratory Manual		LT-01*, Lab manuals / AC-11*/ Course file	Satisfactory
	2.17 Evaluating experiments – Rubrics/Periodically		AC11*, Course file for Lab	Satisfactory
	2.18 Project Work Review Schedule		PR02 / PR-01 to 04*	Satisfactory
	2.19 Quality of Project Reports		Project Reports	Satisfactory
	2.20 Evaluation of Projects through Review – Rubrics followed		PR-04*, PR-02*	Satisfactory
	2.21 Continuous Assessment Test Report and Consolidated Report		AC06*, AC07* (Inopro plus)	Satisfactory
	2.22 End Semester Result Analysis		AC08*	Satisfactory
	2.23 PAC and QIC formulation and Meeting minutes		MM11- MM14*	Satisfactory
	2.24 Student Feedback on Course and Teacher		Course & teacher feedback	Satisfactory
	2.25 Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken		PMO 01 to 05/ (2019-23 Batch) PO 01-08*	Not Applicable (R2020 batch of students yet to be passed out)
	2.26 Alumni - Graduate Exit survey for PO & PSOs at the end of the		Corresponding files	Satisfactory

<b>Mark)</b>			
3.	Research, Innovation and Extension	3.1 Seed money Proposals (student funding through IIC may be consider)	Corresponding files
		3.2 Submission of Project Proposals	RC01/ RD01*
		3.3 Research Grants received	RD-10*
		3.4 Conference / seminar / workshop/FDP/STTP proposals submitted	RC01/ RD01*
		3.5 Conference / seminar / workshop/FDP/SSTP organized	RD09*
		3.6 Promotion of Start-ups	EMC-01 TO 05
		3.7 Conversion of student projects into paper / Patent	RD03*
		3.8 Quality Publications by faculty (SCI/Scopus)	RD02*
		3.9 Books/Book chapters/Conference/Patent filed/granted/Published by faculty	RD04*
		3.10 Awards / Outside Interaction/ Collaboration of the faculty	RD05*
		3.11 PhD pursuing & Completed details	RD-07*
		3.12 Membership in Professional Bodies	RD-08*
		3.13 Students Enrollment Ph.D. - No of new students enrolled for the doctoral program	Corresponding files
		3.14 Minimum no of citations Faculty / dept/Academic year	Corresponding files
		3.15 PhD awarded - No of candidates/Year	Corresponding files
		3.16 Conferences attended - Faculty /Academic Year	Corresponding files
		3.17 Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department /Academic Year	Corresponding files
		3.18 Industrial Consultancy/Testing Identification Report	IC 01*, IC-03*
		3.19 MoUs signed and activities Record	IC 02*
		3.20 Industrial Training (IIPC/Other Grants)/ Self Supporting Program	IC- 04*
		3.21 In plant Training/Internship	IP -01*
		3.22 Industrial visits arranged for students	IV-01,02,03,04*
		3.23 Association activities / Clubs/Professional Societies/ Cell's	CA01 -CA04*
		3.24 No of News Letter	Minimum 4 per year

S.No.	Criteria (Max Mark)	Parameters	File Name Audited	Observations
		3.25 Developmental activities - No of Activities / department / Academic Year Product Development (IIC, TBI, etc)		File Verified
4.	Infrastructure and Learning Resources	4.1 Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	FMM-01 TO 04	Satisfactory
		4.2 Laboratory Maintenance Records/Registers	LT03, LT05, LT07*	Satisfactory
		4.3 Equipment working conditions/Calibration	LT05, LT06, LT08, LT09*	Satisfactory
		4.4 Latest/Research Level equipments – Availability and Utilization	Stock & utilization register	Satisfactory
		4.5 Utilization of budget	BD01-BD03, MM23 – MM24*	95% Budget Utilized.
		4.6 Department Library – Maintenance and utilization	Maintenance & utilization register/ Record	Department library is not fully established. Present library books and journals utilization of students is less.
		4.7 Computing Facilities - Maintenance and utilization	LT07	Satisfactory
		4.8 E-content development – Videos developed	Question banks PPT/ Records website link	Satisfactory
5.	Student Support and Progression	5.1 Placement details and training plan for Skill Development	PT 01- PT05*	Satisfactory
		5.2 Percentage of students placed (Improvement over 3 years)	PT 01-05*	92% in 2019-2024 passed out batch. Not placed students have to be focused.
		5.3 Awareness programmes on Higher Education	HEC-01 TO 05	Foreign studies awareness programs shall be conducted
		5.4 Student participation and success in competitive examinations	HEC -01 TO 05	Satisfactory
		5.5 Percentage of students joined higher education	HEC -04	Shall be improved with foreign studies opportunities.
		5.6 Entrepreneurship - No of students attended trainings / Dept	Proof as per Quality plan	Satisfactory
		5.7 Entrepreneurship - No of startups/Dept	Proof	Satisfactory
		5.8 Student's participation in Co/Extra-curricular activities (Cultural, Sports, etc.) Paper Presentation/ Project Presentation	SAP files SAP 01 TO 04	Satisfactory
		5.9 Innovative projects development by students - No of projects developed / department / Academic Year	Proof as per Quality plan	Satisfactory
		5.10 Innovative projects development by students - No of projects presentation/ student/ Academic Year (through IIC/IEF)	Proof as per Quality plan	Satisfactory
		5.11 Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire course of study	Proof as per Quality plan	Satisfactory

S.No.	Criteria (Max Mark)	Parameters	File Name Audited	Observations
		5.12 Paper / Project presentation by students - Other Institutions Minimum presentation/ student / Academic Year	Proof as per Quality plan	Satisfactory
		5.13 Paper / Project presentation by students - Within institution Minimum presentation/ student/ Academic Year	Proof as per Quality plan	Satisfactory
		5.14 Student achievements and awards	Student paper & project files	Satisfactory
		5.15 Alumni Visits, Meetings and Guest Lectures	AL01 – AL04*	Satisfactory
		5.16 Student Mentoring Report	Corresponding file	Satisfactory
6.	Governance, Leadership and Management	6.1 SWOT Analysis – Review Meeting	HOD file / MM11 – MM14*	File Verified
		6.2 Academic Audit –Action Taken	IQ 04	File Verified
		6.3 Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	Corresponding file	File Verified – Need improvement
		6.4 Faculty Training – FDP/NPTEL/Industry	TR01- TR03*	File Verified
		6.5 Faculty Qualification Improvement & Retention	Training file	File Verified
		6.6 Skill up-gradation training for Supporting Staff	TR-02	File Verified
		6.7 Day to Day Activities and Parents-Teachers Meeting	PRO-01 TO 04/ MM21*, MM22*	File Verified
		6.8 Department faculty meeting	MM19*, MM20*	File Verified
7.	Institutional Values and Best Practices	7.1 Department Best Practices	IIPC file	Satisfactory
		7.2 Contribution towards Institutional Values and Social Responsibilities	CoE file	Satisfactory
		7.3 Contribution towards Special programmes	Association file	Satisfactory
		7.4 Human values and Professional Ethics related activities	Association file	Ethical Hacking and cyber security programs can be organized.
		7.5 Contribution towards Institutional Distinctiveness	Corresponding file	Satisfactory
		7.6 Practices for Student Self learning	Corresponding file	Satisfactory

The following parameters are not applicable for S&H department 1.5,1.7,2.1,2.2,2.11,2.12,2.13,2.18,2.19,2.20,2.26,3.7,3.21,3.22,5.1 to 5.7,5.15

\* Even sem onwards

S.No.	Criteria	Major Remarks / Comments
1.	Curricular Aspects	Regulation 2022 file verified, seems to be satisfactory.
2.	Teaching –Learning Process	Courses files for theory, laboratory, projects and project related files are verified. File arrangement and related proofs are good and satisfactory.
3.	Research, Innovation and Extension	Not received any R&D grant. It needs to be initiated. Conference/Seminar Proposals submitted is very less, Need to be improved.
4.	Infrastructure and Learning Resources	Budget utilization is good. Department library has to be established further and its utilization can be improved.
5.	Student Support and Progression	Student inside and outside participations are good. Foreign education to be concentrated.
6.	Governance Leadership and Management	Ethical Hacking and cyber security programs can be organized.
7.	Institutional Values and Best Practices	Human values and Professional Ethics related activities can be organized in association or guest lectures.
<b>Overall Comments</b>		Document presentation is Good. Need to concentrate on research criteria.

C. Jai 9/10/24  
Department IQAC Coordinators  
(with name)

[C. JAIUNADEVI]

R. S. 9/10/24  
Auditors  
(with name)  
(DR. R. Shanthakumari)

P. S. 9/10/24  
(P. Senthil Kumar)

9/10/24  
Head of the Department  
(with seal)



**KONGU ENGINEERING COLLEGE**  
**(Autonomous)**  
**PERUNDURAI – 638060**  
**INTERNAL QUALITY ASSURANCE CELL**  
**NON CONFORMANCE REPORT**



Department: Computer Technology - PG

Date: 05.10.2024

**Nonconformities**

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Student Support and Progression	Higher education awareness to be concentrated.	Students already possessing to PG course.	Awareness created among the students about the importance of higher education.	-	All faculty members	Academic Year 2024-2025
		Membership by students in societies /clubs need improvement.	Students not showing interest towards the membership.	Insisted the students to have the membership in professional bodies like ISTE,CSI	-	Class Advisors	Academic Year 2024-2025
		No of News Letter / semester submission deviated from quality plan.	Lack of time in collecting article from the students.	Insisted the students to spend time to prepare news letter.	Four news letter will be published for the next academic year.	Mr.M.Arumugam	Academic Year 2024-2025
2.	Research	Number of quality publications in refereed/SCI Journals,	Faculty members submitted papers,	Faculty members are motivated for	-	All faculty	Academic Year

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
		citations, Books/Book Chapters etc.- SCI Faculty is deviated from quality plan.	not yet received reply from the journals.	more publication in SCI	-	members	2024-2025
		Funded research from outside- Not received any R&D grant. It needs to be initiated.	Faculty members submitted 13 proposals to various funding agencies but could not get fund.	Faculty members are motivated to work with government labs to obtain funds.	-	All faculty members	Academic Year 2024-2025
		Number of Seminar/ FDP/Other proposals to be submitted is deviated from quality plan.	Faculty members concentrated on submitting research proposal.	Faculty members are fixed target for the academic year 2024 – 2025.	-	All faculty members	Academic Year 2024-2025
		Consultancy (testing and Others) - Testing / corporate training Courses/ intake/ Academic Year-Rs.50,000 is deviated from quality plan.	Faculty members concentrated on industrial consultancy.	Faculty members are motivated to visit companies.	-	All faculty members	Academic Year 2024-2025
		Patents Published and Granted is deviated from quality plan.	Faculty members are trying but could not get.	Faculty are working on research and trying for conversion.	-	All faculty members	Academic Year 2024-2025
		Number of functional MoUs with institutions - No of activities /Department/Academic Year/MoU is deviated from	Due to recession the companies were hold the process.	Faculty members who signed MoU are requested to complete the	-	Faculty Members Signed MoU	Academic Year 2024-2025

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
		quality plan.		target.			
3.	Budget Allocation & Utilization	Industry Sponsored labs - Financed by Industry/ department/ 3 Years – 1 lab is deviated from quality plan.	Faculty members initiated the MoU activities and approaching the industries to get sponsored lab, but could not get.	Faculty members are asked to visit more industry to get sponsored lab	-	All faculty members	Academic Year 2024-2025

#### Observations (Opportunities for improvement)

S.No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Teaching – Learning Process:Continuous Assessment (CA) Test Question Paper standards.	22ISC41 – Design and Analysis of Algorithms CAT QP, Knowledge level percentage is not mapping according with the syllabus.	It is analytical paper.	Hereafter we will check the knowledge level.	-	Mrs.S.Deepa	Next Year
2.	Research, Innovation and Extension	No seed money proposals	Students are working on it.	We will apply for SPARK fund.	-	All faculty members	Academic Year 2024-2025

S.No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
3.	Department Library – Maintenance and utilization	Department library is not fully established. Present library books and journals utilization of students is less.	We are not attached with AICTE.	Not Applicable	-	Department Library Incharge	Academic Year 2024-2025
4.	Human values and Professional Ethics related activities	No Professional Ethics and human values related activities.	Students focused only on technical area.	Ethical hacking and cyber security programs will be organized.	-	Association Incharge	Academic Year 2024-2025

R. Saranya  
9/10/24

Auditor's  
(Name with Designation & Dept.)

Dr. R. Shanthakumari

P. Senthil Kumar  
9/10/24  
(P. Senthil Kumar, AP/Automobile)

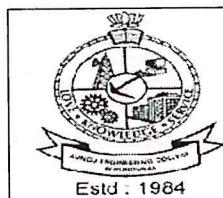
c. Jai  
9/10/24

Auditee Dept. IQAC Co-ordinator

[C. JAMUNADEVI]

Seenu  
9/10/24

Auditee Dept. HOD



## KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI – 638060  
INTERNAL QUALITY ASSURANCE CELL

## AUDIT EVALUATION SHEET

Audit Evaluation Sheet for the Academic Year 2023-2024  
(Inter Department)Date of Audit : 26/09/2024  
Audited Department : English

Auditors Name and Designation

Dr. M. Sabarinathy AP(SRG)/EEE

S.No.	Criteria (Max Mark)	Parameters	File Name Audited	Observations
1.	Curricular Aspects	1.1 Curriculum Design and Development process	CDC-01, CDC-02	Verified
		1.2 Curriculum and syllabus – Planning and Implementation	CDC-03,04,06	Verified
		1.3 Dissemination of regulation, curriculum & Syllabus	CDC-05,10	OK
		1.4 Minutes of BOS Meeting	MM-05 MM-06	Verified
		1.5 Revision in Elective courses	CDC-11	—NA—
		1.6 Value Added Courses – Organized and Participation of students	NVC-01 To 06	
		1.7 Student involvement in field projects/internships	PR01, PC-05/PT-04*,PR-01*	—NA—
		1.8 Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	CDC-07A, 07C,07E,07F,07G, 07P	Verified
		1.9 Mapping of Course Outcomes and Programme Outcomes	CDC-03,04, 06	"
		1.10 Allotting courses to faculty based on expertise	TT1-01,02 / TT-01, 02*	"
		1.11 Allotment of adequate number of hours in time table for theory/practical/project	TT1 -03,04,05/ TT-03-06*	"
2.	Teaching –Learning Process	2.1 Student Enrolment & Improvement in Student Quality Enrolment Ratio = No. of seats filled / No of Seats Approved	HoD -03	—NA—
		2.2 Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HoD -04	—NA—
		2.3 Structured Course Plan	CCO-01/ AC03*	Verified
		2.4 Course Coordination Meeting	CC0-02/ AC-01A, 02*	need to discuss more points
		2.5 Class Monitoring Committee Meeting	FB 01A, 01*	Verified
		2.6 Course Delivery Methods – Use of ICT tools / Outcome Based Teaching learning Report	AC-14(Course file)/ AC-03*	Verified

	2.7 Continuous Assessment (CA) Test Question Paper standards	ACO -06 / TE-03*	- Verified -
	2.8 Conduct of Continuous Assessment Tests	TCO -01 to 07 / TE-01* #	OK - maintained by Dean Office
	2.9 Evaluation of CA Test papers with Answer key	Course files	Verified
	2.10 Adequate number of Assignments and Tutorials & Evaluation of Assignment & Tutorial	ACO-01, ACO-07/ Course file	"
	2.11 Virtual Lab Experiments / Mini project based experiments - Experiments per course for 2 and 3 years	Course files	- NA -
	2.12 Micro projects in Theory Courses - Simulation / Project based Assessment for tutorials for 2 and 3 years / Semester	Course files	- NA -
	2.13 Field visits for courses - One day factory visits for Theory courses for self-learning in 2 and 3 year of study / dept.	Course files	- NA -
	2.14 Remedial Measures for Slow Learners with proof	Course file / AC12*, 13*	Verified
	2.15 Laboratory Plan	LT-01/LT 03, LT04 / AC-09*, AC-10*	"
	2.16 Quality of Laboratory Manual	LT-01*, Lab manuals / AC-11*/ Course file	"
	2.17 Evaluating experiments – Rubrics/Periodically	AC11*, Course file for Lab	"
	2.18 Project Work Review Schedule	PR02 / PR-01 to 04*	- NA -
	2.19 Quality of Project Reports	Project Reports	- NA -
	2.20 Evaluation of Projects through Review – Rubrics followed	PR-04*, PR-02*	- NA -
	2.21 Continuous Assessment Test Report and Consolidated Report	AC06*, AC07* (Inspro plus)	Verified
	2.22 End Semester Result Analysis	AC08*	"
	2.23 PAC and QIC formulation and Meeting minutes	MM11- MM14*	Not Maintained
	2.24 Student Feedback on Course and Teacher	Course & teacher feedback	Verified
	2.25 Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	PMO 01 to 05/ (2019-23 Batch) PO 01-08*	10 values above calculated & verified.
	2.26 Alumni - Graduate Exit survey for PO & PSOs at the end of the	Corresponding files	- NA -
3.	3.1 Seed money Proposals (student funding through IIC may be consider)	Corresponding files	NIL
	3.2 Submission of Project Proposals Total Ph.Ds > 11	RC01/ RD01* Proj-11, Summn-10	Verified
	3.3 Research Grants received	RD-10*	NIL
	3.4 Conference / seminar / workshop/FDP/STTP proposals submitted	RC01/ RD01*	NIL
	3.5 Conference / seminar / workshop/FDP/SSTP organized	RD09*	NIL
	3.6 Promotion of Start-ups	EMC-01 TO 05	NIL
	3.7 Conversion of student projects into paper / Patent	RD03*	- NA -
	3.8 Quality Publications by faculty (SCI/Scopus)	RD02*	1 - verified
	3.9 Books/Book chapters/Conference/Patent filed/granted/Published by	RD04*	36 - verified

NIL 9 18 NIL

		3.10 Awards / Outside Interaction/ Collaboration of the faculty	RD05*	Verified
		3.11 PhD pursuing & Completed details	RD-07*	"
		3.12 Membership in Professional Bodies <i>need update</i>	RD-08*	NIL
		3.13 Students Enrollment Ph.D. - No of new students enrolled for the doctoral program	Corresponding files	NIL
		3.14 Minimum no of citations Faculty / dept/Academic year	Corresponding files	need update.
		3.15 PhD awarded - No of candidates/Year <i>Computed - 5</i>	Corresponding files	Verified
		3.16 Conferences attended - Faculty /Academic Year - 18	Corresponding files	"
		3.17 Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department /Academic Year	Corresponding files	NIL
		3.18 Industrial Consultancy/Testing Identification Report	IC 01*, IC-03*	IIPC Course file Verified.
		3.19 MoUs signed and activities Record	IC 02*	NIL
		3.20 Industrial Training (IIPC/Other Grants)/ Self Supporting Program - 10	IC- 04* - 1,32,850/-	Verified.
		3.21 In plant Training/Internship	IP -01*	-NA-
		3.22 Industrial visits arranged for students	IV-01,02,03,04*	-NA-
		3.23 Association activities / Clubs/Professional Societies/ Cell's	CA01 -CA04* IELTS, EPC	Verified.
		3.24 No of News Letter	Minimum 4 per year	2 N letter + magazine
		3.25 Developmental activities - No of Activities / department /Academic Year Product Development (IIC, TBI, etc)		NIL
4.	Infrastructure and Learning Resources	4.1 Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	FMM-01 TO 04	No files.
		4.2 Laboratory Maintenance Records/Registers	LT03, LT05, LT07*	Verified
		4.3 Equipment working conditions(Calibration)	LT05, LT06, LT08, LT09*	Verified
		4.4 Latest/Research Level equipments – Availability and Utilization	Stock & utilization register	NIL
		4.5 Utilization of budget 1,66,717 / 5,70,000	BD01-BD03, MM23 – MM24*	Verified
		4.6 Department Library – Maintenance and utilization	Maintenance & utilization register/ Record	"
		4.7 Computing Facilities - Maintenance and utilization	LT07	"
		4.8 E-content development – Videos developed	Question banks PPT/ Records website link	NIL
5.	Student Support and Progression	5.1 Placement details and training plan for Skill Development	PT 01- PT05*	-NA-
		5.2 Percentage of students placed (Improvement over 3 years)	PT 01-05*	"
		5.3 Awareness programmes on Higher Education	HEC-01 TO 05	"
		5.4 Student participation and success in competitive examinations	HEC -01 TO 05	"
		5.5 Percentage of students joined higher education	HEC -04	"
		5.6 Entrepreneurship - No of students attended trainings / Dept	Proof as per Quality plan	"
		5.7 Entrepreneurship - No of startups/Dept	Proof	-NA-

		5.8 Student's participation in Co/Extra-curricular activities (Cultural, Sports, etc.) Paper Presentation/ Project Presentation	SAP files SAP 01 TO 04	Nil
		5.9 Innovative projects development by students - No of projects developed / department / Academic Year	Proof as per Quality plan	Nil
		5.10 Innovative projects development by students - No of projects presentation/ student/ Academic Year (through IIC/IEF)	Proof as per Quality plan	Nil
		5.11 Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire course of study	Proof as per Quality plan	Nil
		5.12 Paper / Project presentation by students - Other Institutions Minimum presentation/ student / Academic Year	Proof as per Quality plan	144 Verified
		5.13 Paper / Project presentation by students - Within institution Minimum presentation/ student/ Academic Year	Proof as per Quality plan	767 "
		5.14 Student achievements and awards	Student paper & project files 45	"
		5.15 Alumni Visits, Meetings and Guest Lectures	AL01 – AL04*	NA -
		5.16 Student Mentoring Report	Corresponding file	Not followed.
6.	Governance, Leadership and Management	6.1 SWOT Analysis – Review Meeting	HOD file / MM11 – MM14*	Verified
		6.2 Academic Audit –Action Taken	IQ 04	"
		6.3 Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses -IELTS, HINDI	Corresponding file	NA "
		6.4 Faculty Training – FDP/NPTÉL(Industry NA)	TR01- TR03* TR01, 02- need to update"	Verified
		6.5 Faculty Qualification Improvement & Retention	Training file	Verified
		6.6 Skill up-gradation training for Supporting Staff	TR-02	2 Verified
		6.7 Day to Day Activities and Parents-Teachers Meeting	PRO-01 TO 04/ MM21*, MM22*	30 "
		6.8 Department faculty meeting	MM19*, MM20*	"
7.	Institutional Values and Best Practices	7.1 Department Best Practices IELTS, Verbal, Bridge course	IIPC file	Verified
		7.2 Contribution towards Institutional Values and Social Responsibilities IELTS	CoE file	"
		7.3 Contribution towards Special programmes language adaptation	Association file	"
		7.4 Human values and Professional Ethics related activities IELTS program	Association file	"
		7.5 Contribution towards Institutional Distinctiveness IELTS - 4 got offers in foreign University	Corresponding file	"
		7.6 Practices for Student Self learning Self intro & video presentation	Corresponding file	Verified

The following parameters are not applicable for S&H department 1.5,1.7,2.1,2.2,2.11,2.12,2.13,2.18,2.19,2.20,2.26,3.7,3.21,3.22,5.1 to 5.7,5.15

\* Even sem onwards

S.No.	Criteria	Major Remarks / Comments
1.	Curricular Aspects	<ul style="list-style-type: none"> <li>*) CDC, NVC, TT - files verified.</li> </ul>
2.	Teaching –Learning Process	<ul style="list-style-type: none"> <li>*) Points discussed in course coordination meeting minutes may improved, OBE related activities may added.</li> <li>*) In CAT question Paper writing form need to be maintained. ) PAC, QAC meeting may formed &amp; minute may maintained.</li> </ul>
3.	Research, Innovation and Extension	<ul style="list-style-type: none"> <li>*) Number of Seminar Proposal Sent was well. Need to be improved.</li> <li>*) Membership in professional bodies may improved.</li> <li>*) Common google Scholar page for KEC English need to be updated. ) MOU Signing activities may improve.</li> </ul>
4.	Infrastructure and Learning Resources	<ul style="list-style-type: none"> <li>*) FMM files need to be updated</li> <li>*) E-content development details in faculty Profile Page need to be updated.</li> </ul>
5.	Student Support and Progression	<ul style="list-style-type: none"> <li>*) Student mentoring Process may initiated.</li> <li>*) Paper / project Presentation by Students may improved.</li> </ul>
6.	Governance Leadership and Management	<ul style="list-style-type: none"> <li>*) TR01, TR02 - files need update</li> </ul>
7.	Institutional Values and Best Practices	<ul style="list-style-type: none"> <li>*) IELTS - Progression is good.</li> </ul>
Overall Comments		files are maintained well and some minor updates only need.

Department IQAC Coordinators  
(with name)

(Dr. R. Ramya SRI)

KEC IQAC

Auditors  
(with name)

(Dr. M. Sabarinath)

J. Rajini 26/9/24

Head of the Department  
(with seal)

Dr. J. RAJINI  
Associate Professor & Head  
Dept. of English  
Kongu Engineering College  
Thoppupalayam (Po)  
Perundurai, Erode - 638 060



**KONGU ENGINEERING COLLEGE**  
**(Autonomous)**  
**PERUNDURAI – 638060**  
**INTERNAL QUALITY ASSURANCE CELL**  
**NON CONFORMANCE REPORT**



Department: English

Date: 05.10.2024

**Nonconformities**

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Research, Innovation and Extension	Number of Conference / Seminar / Workshop/FDP/STTP proposals submitted was NIL for the past 2 consecutive years (2022-2023 & 2023-2024)	Limited Opportunity for proposals	Priority will be given in the future for submitting more proposals for Conference / Seminar /Workshop/FDP/STTP		All faculty	31.05.2025
2.	Research, Innovation and Extension	Number of PhD supervisor is very less	Limited Opportunity for publications and many faculty members completed PhD only last year	Opportunities will be identified and count will be improved		Faculty with PhD	31.05.2025



**KONU ENGINEERING COLLEGE**  
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 PERUNDURAI – 638060  
 INTERNAL QUALITY ASSURANCE CELL  
**AUDIT EVALUATION SHEET**



**Audit Evaluation Sheet for the Academic Year 2023-2024 (MATHEMATICS)**  
**(Inter Department)**

Auditors Name and Designation

: Dr. P. Nirmala Devi, Professor / ECE

Date of Audit : 25.09.24

Audited Department : Mathematics

S.No.	Criteria (Max Mark)	Parameters	File Name Audited	Observations
1.	Curricular Aspects	1.1 Curriculum Design and Development process	CDC-01, CDC-02	✓ NOT APPLICABLE
		1.2 Curriculum and syllabus – Planning and Implementation	CDC-03,04,06	✓ NOT APPLICABLE
		1.3 Dissemination of regulation, curriculum & Syllabus	CDC-05,10 ✓	✓ Verified.
		1.4 Minutes of BOS Meeting	CDC- 08,09	✓ Verified.
		1.5 Revision in Elective courses	CDC-11	✓ NA
		1.6 Value Added Courses – Organized and Participation of students	NVC-01 To 06	✓ Verified - 22VCO27-
		1.7 Student involvement in field projects/internships	PR01, PC-05/PT-04*, PR-01*	✓ NA
		1.8 Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	CDC-07A, 07C,07E,07F,07G, 07P	✓ Verified.
		1.9 Mapping of Course Outcomes and Programme Outcomes	CDC-03,04, 06	✓ Checked
		1.10 Allotting courses to faculty based on expertise	TT1-01,02 / TT-01, 02*	✓ Verified
		1.11 Allotment of adequate number of hours in time table for theory/practical/project	TT1 -03,04,05/ TT-03-06*	✓ Verified.
2.	Teaching –Learning Process	2.1 Student Enrolment & Improvement in Student Quality Enrolment Ratio = No. of seats filled / No of Seats Approved	HoD -03	✓ NA
		2.2 Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HoD -04	✓ NA
		2.3 Structured Course Plan	CCO-01/ AC03*	22mAC11 - Verified.
		2.4 Course Coordination Meeting	CC0-02/ AC-01A, 02*	Derivation report work done
		2.5 Class Monitoring Committee Meeting	FB 01A, 01*	Closed loop by bl me done
		2.6 Course Delivery Methods – Use of ICT tools / Outcome Based Teaching learning Report	AC-14(Course file)/ AC-03*	22mAC11 - CSE - Iyr

	2.7 Continuous Assessment (CA) Test Question Paper standards	ACO -00 / TE-00	verified
	2.8 Conduct of Continuous Assessment Tests	TCO -01 to 07 / TE-01* #	verified
	2.9 Evaluation of CA Test papers with Answer key	Course files	22 MAEII
	2.10 Adequate number of Assignments and Tutorials & Evaluation of Assignment & Tutorial	ACO-01, ACO-07/ Course file	22 MAT33 - AIML-II tutorials
	2.11 Virtual Lab Experiments / Mini project based experiments - Experiments per course for 2 and 3 years	Course files	NA
	2.12 Micro projects in Theory Courses - Simulation / Project based Assessment for tutorials for 2 and 3 years / Semester	Course files	NA
	2.13 Field visits for courses - One day factory visits for Theory courses for self-learning in 2 and 3 year of study / dept.	Course files	NA
	2.14 Remedial Measures for Slow Learners with proof	Course file / AC12*, 13*	22 MAEII -CS E
	2.15 Laboratory Plan	LT-01/LT 03, LT04 / AC-09*, AC-10*	verified
	2.16 Quality of Laboratory Manual	LT-01*, Lab manuals / AC-11*/ Course file	22 MAEII - manual schedule verity
	2.17 Evaluating experiments – Rubrics/Periodically	AC11*, Course file for Lab	22 MAEII - Verified,
	2.18 Project Work Review Schedule	PR02 / PR-01 to 04*	NA
	2.19 Quality of Project Reports	Project Reports	NA
	2.20 Evaluation of Projects through Review – Rubrics followed	PR-04*, PR-02*	NA
	2.21 Continuous Assessment Test Report and Consolidated Report	AC06*, AC07* (Inspro plus)	verified
	2.22 End Semester Result Analysis	AC08*	verified
	2.23 PAC and QIC formulation and Meeting minutes	MM11- MM14*	PAC-NA, QIC-3 more held
	2.24 Student Feedback on Course and Teacher	Course & teacher feedback	verified
	2.25 Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	PMO 01 to 05/ (2019-23 Batch) PO 01-08*	not completed
	2.26 Alumni - Graduate Exit survey for PO & PSOs at the end of the	Corresponding files	NA
3.	Research, Innovation and Extension	Corresponding files	Nil
	3.1 Seed money Proposals (student funding through IIC may be consider)		b proposals - R&D
	3.2 Submission of Project Proposals	RC01/ RD01*	Nil
	3.3 Research Grants received	RD-10*	Nil
	3.4 Conference / seminar / workshop/FDP/STTP proposals submitted	RC01/ RD01*	Nil
	3.5 Conference / seminar / workshop/FDP/SSTP organized	RD09*	Nil
	3.6 Promotion of Start-ups	EMC-01 TO 05	Nil
	3.7 Conversion of student projects into paper / Patent	RD03*	NA
	3.8 Quality Publications by faculty (SCI/Scopus)	RD02*	9-faculties - 9 pub - 2-sep/PSW
	3.9 Books/Book chapters/Conference/Patent filed/granted/Published by	RD04*	1

		3.10 Awards / Outside Interaction/ Collaboration of the faculty	RD05*	7
		3.11 PhD pursuing & Completed details	RD-07*	Pursuing 17
		3.12 Membership in Professional Bod	RD-08*	Nil
		3.13 Students Enrollment Ph.D. - No of new students enrolled for the doctoral program	Corresponding files	A
		3.14 Minimum no of citations Faculty / dept/Academic year	Corresponding files	17
		3.15 PhD awarded - No of candidates/Year	Corresponding files	2
		3.16 Conferences attended - Faculty /Academic Year	Corresponding files	2
		3.17 Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department /Academic Year	Corresponding files	Nil
		3.18 Industrial Consultancy/Testing Identification Report	IC 01*, IC-03*	Nil
		3.19 MoUs signed and activities Record	IC 02*	Nil
		3.20 Industrial Training (IIPC/Other Grants)/ Self Supporting Program	IC- 04*	Nil
		3.21 In plant Training/Internship	IP -01*	NA
		3.22 Industrial visits arranged for students	IV-01,02,03,04*	NA
		3.23 Association activities / Clubs/Professional Societies/ Cell's	CA01 –CA04*	Verified - Maths club
		3.24No of News Letter	Minimum 4 per year	Nil
		3.25 Developmental activities - No of Activities / department /Academic Year Product Development (IIC, TBI, etc)		Nil
4.	Infrastructure and Learning Resources	4.1 Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	FMM-01 TO 04	Verified
		4.2 Laboratory Maintenance Records/Registers	LT03, LT05, LT07*	—
		4.3 Equipment working conditions/Calibration	LT05, LT06, LT08, LT09*	Verified
		4.4 Latest/Research Level equipments – Availability and Utilization	Stock & utilization register	A
		4.5 Utilization of budget	BD01-BD03, MM23 – MM24*	Verified
		4.6 Department Library – Maintenance and utilization	Maintenance & utilization register/ Record	—
		4.7 Computing Facilities - Maintenance and utilization	LT07	Verified
		4.8 E-content development – Videos developed	Question banks PPT/ Records website link	You tube content checked
5.	Student Support and Progression	5.1 Placement details and training plan for Skill Development	PT 01- PT05*	7
		5.2 Percentage of students placed (Improvement over 3 years)	PT 01-05*	
		5.3 Awareness programmes on Higher Education	HEC-01 TO 05	
		5.4 Student participation and success in competitive examinations	HEC -01 TO 05	NA
		5.5 Percentage of students joined higher education	HEC -04	
		5.6 Entrepreneurship - No of students attended trainings / Dept	Proof as per Quality plan	
		5.7 Entrepreneurship - No of startups/Dept	Proof	

		Sports, etc.) Paper Presentation/ Project Presentation	checked
		5.9 Innovative projects development by students - No of projects developed / department / Academic Year	Proof as per Quality plan Nil
		5.10 Innovative projects development by students - No of projects presentation/ student/ Academic Year (through IIC/IEF)	Proof as per Quality plan Nil
		5.11 Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire course of study	Proof as per Quality plan
		5.12 Paper / Project presentation by students - Other Institutions Minimum presentation/ student / Academic Year	Proof as per Quality plan 144
		5.13 Paper / Project presentation by students - Within institution Minimum presentation/ student/ Academic Year	Proof as per Quality plan 767
		5.14 Student achievements and awards	Student paper & project files 136
		5.15 Alumni Visits, Meetings and Guest Lectures	AL01 – AL04*
		5.16 Student Mentoring Report	Corresponding file Nil
6.	Governance, Leadership and Management	6.1 SWOT Analysis – Review Meeting	HOD file / MM11 – MM14* → Review 2023-24 to be completed.
		6.2 Academic Audit –Action Taken	IQ 04 To be completed
		6.3 Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	Corresponding file 23-24 - closing to be updated
		6.4 Faculty Training – FDP/NPTEL/Industry	TR01- TR03* 75.
		6.5 Faculty Qualification Improvement & Retention	Training file —
		6.6 Skill up-gradation training for Supporting Staff	TR-02 5 - Inside verifid ,
		6.7 Day to Day Activities and Parents-Teachers Meeting	PRO-01 TO 04/ MM21*, MM22* 'verifid ,
		6.8 Department faculty meeting	MM19*, MM20* Verified
7.	Institutional Values and Best Practices	7.1 Department Best Practices	IIPC file Science club - 7 no. of rooms club 3
		7.2 Contribution towards Institutional Values and Social Responsibilities	CoE file NSS PIC
		7.3 Contribution towards Special programmes	Association file EVA prog .
		7.4 Human values and Professional Ethics related activities	Association file Yoga activities .
		7.5 Contribution towards Institutional Distinctiveness	Corresponding file Quiz for school students
		7.6 Practices for Student Self learning	Corresponding file To be chirality

The following parameters are not applicable for S&H department 1.5,1.7,2.1,2.2,2.11,2.12,2.13,2.18,2.19,2.20,2.26,3.7,3.21,3.22,5.1 to 5.7,5.15

\* Even sem onwards

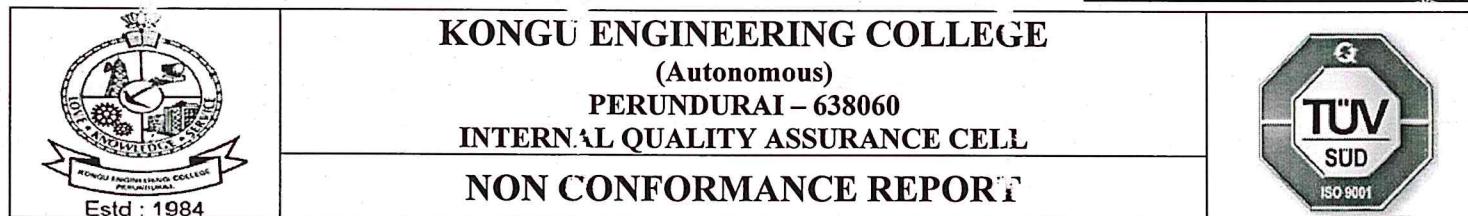
S.No.	Criteria	Major Remarks / Comments
1.	Curricular Aspects	Good.
2.	Teaching –Learning Process	E content development to be improved
3.	Research, Innovation and Extension	Publications, proposals submitted and Research grant needs improvement
4.	Infrastructure and Learning Resources	Good
5.	Student Support and Progression	<ul style="list-style-type: none"> <li>● Innovative project development by students to be initiated</li> <li>● Paper / project presentation by students in premier institution to be encouraged</li> </ul>
6.	Governance Leadership and Management	--
7.	Institutional Values and Best Practices	Student self learning practice to be motivated
<b>Overall Comments</b>		

*S. M. Sathya*  
 Department IQAC Coordinators  
 (with name)  
 Dr. J. SATHYA

KEC IQAC

*Dr. P. Nirmala Devi*  
 Auditors  
 (with name)  
 Dr. P. NIRMALA DEVI

*T. A. K.*  
 Head of the Department  
 (with seal)



Department: Mathematics

Date: 25.09.24

Nonconformities

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Research , Innovation & Extension	<ul style="list-style-type: none"> <li>• Seed money Proposals - NIL</li> <li>• No. of R&amp;D proposals Submitted - 6/19</li> <li>• No. Of seminar proposals submitted - 0/23</li> <li>• Grants received- NIL</li> <li>• Promotion of start up - NIL</li> <li>• Quality Publications by Faculty (SCI/Scopus)</li> <li>• Books/Book chapters/Conference/Patent filed/granted/Published-04/12 Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department /Academic Year- NIL</li> <li>• Industrial Consultancy/Testing Identification Report- NIL</li> <li>• MoUs signed and activities Record- NIL</li> <li>• Industrial Training (IIPC/Other Grants)/ Self Supporting Program- NIL</li> <li>• No of News Letter - NIL</li> <li>• Developmental activities - No of Activities / department /Academic Year Product Development (IIC, TBI, etc)- NIL</li> <li>• Project to Paper conversion - NIL</li> <li>• Patents - Applied &amp; Granted -NIL</li> </ul>	Due to limited opportunities for Maths department in R& D	Opportunities will be identified	-	All Faculty	2024-2025

		<ul style="list-style-type: none"> <li>● No. Seminars conducted on IPR - NIL</li> <li>● Collaborative activities - NIL</li> <li>● No. Of conferences attended - NIL</li> </ul>					
2	IE Student Support and Progression	<ul style="list-style-type: none"> <li>● Innovative projects development by students - No of projects developed / department / Academic Year-NIL</li> <li>● Innovative projects development by students - No of projects presentation/ student/ Academic Year (through IIC/IEF) - NIL</li> <li>● Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire course of study - NIL</li> <li>● Student Mentoring Report- NIL</li> <li>● Practices for Student Self learning - NIL</li> </ul>	Being in the first year of their programme only a very few students try for projects	Awareness on Innovative projects will be given	-	All Faculty	2024-2025
3	Teaching Learning	<ul style="list-style-type: none"> <li>● E-content developed - NIL</li> <li>● Virtual lab experiments/Mini Projects - NIL</li> <li>● CAT Percentage pass in each course (Theory:126/165 &amp; Analytical:18/33)</li> <li>● ESE Percentage pass in each course (Theory:16/25 &amp; Analytical:4/5)</li> </ul>	Videos not uploaded for 23-24 Due to poor Performance of non-circuit students	To be done in next year Remedial class will be conducted after each CAT	-	Concern Faculty	2024-2025
4	Budget allocation and Utilization	<ul style="list-style-type: none"> <li>● Centre of Excellence and revenue generated - NIL</li> </ul>	Limited resource for Maths department	Resource will be identified and utilized	-	All Faculty	2024-2025

**Observations (Opportunities for improvement)**

S.No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Research	<ul style="list-style-type: none"> <li>• Awards / Outside Interaction/ Collaboration of the faculty - 9</li> <li>• Membership in Professional Bodies - NIL</li> <li>• Students Enrollment Ph.D.- No of new students enrolled for the doctoral program - 4</li> <li>• PhD awarded - No of candidates/Year - 2</li> <li>• Conferences attended - Faculty /Academic Year - 2</li> <li>• Quality Publications by faculty (SCI/Scopus) - 4/6 &amp; 7/12</li> </ul>	Due to limited opportunities for Maths department in R& D	Opportunities will be identified	-	All Faculty	2024-2025
2.	Continuous Improvements	Feedback in CMC (3/4)	Due to unawareness	Will be conducted from next year	-	S&H	2024-2025
3.	Budget allocation and Utilization	Budget utilization against sanctioned	Limited resource for Maths department	Resource will be identified and utilized	-	All Faculty	2024-2025

*P. Nirmala Devi*

Auditor's  
(Name with Designation & Dept.)

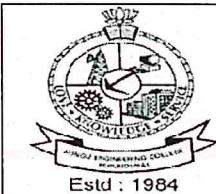
Dr. P. NIRMALA DEVI  
ECE

*S. Sathy*

Auditee Dept. IQAC Co-ordinator  
Dr. S. SATHYA

*M. H*

Auditee Dept. HOD



**KONGU ENGINEERING COLLEGE**  
 (Autonomous)  
 PERUNDURAI – 638060  
**INTERNAL QUALITY ASSURANCE CELL**  
**AUDIT EVALUATION SHEET**



**Audit Evaluation Sheet for the Academic Year 2023-2024**  
**(Inter Department)**

Auditors Name and Designation

*Dr-T. ABIRAMI & Associate Professor*Date of Audit : *24.09.2024*  
 Audited Department : *Physics.*

S.No.	Criteria (Max Mark)	Parameters	File Name Audited	Observations
1.	Curricular Aspects	1.1 Curriculum Design and Development process	CDC-01, CDC-02	<i>Verified.</i>
		1.2 Curriculum and syllabus – Planning and Implementation	CDC-03,04,06	<i>Inph. Verified.</i>
		1.3 Dissemination of regulation, curriculum & Syllabus	CDC-05,10	<i>Rgulu &amp; by Verified.</i>
		1.4 Minutes of BOS Meeting	CDC- 08,09	<i>2 mins Verified.</i>
		1.5 Revision in Elective courses	CDC-11	<i>N/A</i>
		1.6 Value Added Courses – Organized and Participation of students	NVC-01 To 06	<i>NIL</i>
		1.7 Student involvement in field projects/internships	PR01, PC-05/PT-04*,PR-01*	<i>NIL/N/A</i>
		1.8 Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	CDC-07A, 07C,07E,07F,07G, 07P	<i>Factu. Exp. feedback received</i>
		1.9 Mapping of Course Outcomes and Programme Outcomes	CDC-03,04, 06	<i>Verified</i>
		1.10 Allotting courses to faculty based on expertise	TT1-01,02 / TT-01, 02*	<i>Yes Verified.</i>
		1.11 Allotment of adequate number of hours in time table for theory/practical/project	TT1 -03,04,05/ TT-03-06*	<i>Checkable &amp; Verified.</i>
2.	Teaching –Learning Process	2.1 Student Enrolment & Improvement in Student Quality Enrolment Ratio = No. of seats filled / No of Seats Approved	HoD -03	<i>N/A</i>
		2.2 Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HoD -04	<i>N/A</i>
		2.3 Structured Course Plan	CCO-01/ AC03*	<i>22PHT22 - Verified</i>
		2.4 Course Coordination Meeting	CC0-02/ AC-01A, 02*	<i>22PHT17 - Verified.</i>
		2.5 Class Monitoring Committee Meeting	FB 01A, 01*	<i>files in CCO office checked</i>
		2.6 Course Delivery Methods – Use of ICT tools / Outcome Based Teaching learning Report	AC-14(Course file)/ AC-03*	<i>Verified in course file.</i>

*Abirami  
24/09/24*

	2.7 Continuous Assessment (CA) Test Question Paper standards	ACO -06 / TE-03*	22PHLT-Vbird
	2.8 Conduct of Continuous Assessment Tests	TCO -01 to 07 / TE-01* #	Verified in Conv file
	2.9 Evaluation of CA Test papers with Answer key	Course files	Verified
	2.10 Adequate number of Assignments and Tutorials & Evaluation of Assignment & Tutorial	ACO-01, ACO-07/ Course file	Verified
	2.11 Virtual Lab Experiments / Mini project based experiments - Experiments per course for 2 and 3 years	Course files	N/A
	2.12 Micro projects in Theory Courses - Simulation / Project based Assessment for tutorials for 2 and 3 years / Semester	Course files	N/A
	2.13 Field visits for courses - One day factory visits for Theory courses for self-learning in 2 and 3 year of study / dept.	Course files	Self Design converted
	2.14 Remedial Measures for Slow Learners with proof	Course file / AC12*, 13*	Verified in Course file
	2.15 Laboratory Plan	LT-01/LT 03, LT04 / AC-09*, AC-10*	22PHLT-Vbird
	2.16 Quality of Laboratory Manual	LT-01*, Lab manuals / AC-11*/ Course file	Manu checked
	2.17 Evaluating experiments – Rubrics/Periodically	AC11*, Course file for Lab	as per Rubrics - initial
	2.18 Project Work Review Schedule	PR02 / PR-01 to 04*	N/A
	2.19 Quality of Project Reports	Project Reports	N/A
	2.20 Evaluation of Projects through Review – Rubrics followed	PR-04*, PR-02*	N/A
	2.21 Continuous Assessment Test Report and Consolidated Report	AC06*, AC07* (Inspro plus)	checked
	2.22 End Semester Result Analysis	AC08*	verified
	2.23 PAC and QIC formulation and Meeting minutes	MM11- MM14*	
	2.24 Student Feedback on Course and Teacher	Course & teacher feedback	Verified
	2.25 Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	PMO 01 to 05/ (2019-23 Batch) PO 01-08*	N/A
	2.26 Alumni - Graduate Exit survey for PO & PSOs at the end of the	Corresponding files	N/A
3. Research, Innovation and Extension	3.1 Seed money Proposals (student funding through IIC may be consider)	Corresponding files	01 Verified
	3.2 Submission of Project Proposals	RC01/ RD01*	13 proposals submitted
	3.3 Research Grants received	RD-10*	NIL
	3.4 Conference / seminar / workshop/FDP/STTP proposals submitted	RC01/ RD01*	06 submitted
	3.5 Conference / seminar / workshop/FDP/SSTP organized	RD09*	NIL
	3.6 Promotion of Start-ups	EMC-01 TO 05	NIL
	3.7 Conversion of student projects into paper / Patent	RD03*	N/A
	3.8 Quality Publications by faculty (SCI/Scopus)	RD02*	CC1 : 09
	3.9 Books/Book chapters/Conference/Patent filed/granted/Published by	RD04*	patent : 0

	3.10 Awards / Outside Interaction/ Collaboration of the faculty	RD05*	Outside' 03 1 to 10 Purxi:04 Compel': 01	
	3.11 PhD pursuing & Completed details	RD-07*	Purxi:04	
	3.12 Membership in Professional Bodies	RD-08*	ISTE:02	
	3.13 Students Enrollment Ph.D. - No of new students enrolled for the doctoral program	Corresponding files	01. Vphd Dr. N.S citrus chet in website	
	3.14 Minimum no of citations Faculty / dept/Academic year	Corresponding files	NN	
	3.15 PhD awarded - No of candidates/Year	Corresponding files	NN	
	3.16 Conferences attended - Faculty /Academic Year	Corresponding files	02 visit.	
	3.17 Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department /Academic Year	Corresponding files	ARCI -01 [23/5/21] visit - await	
	3.18 Industrial Consultancy/Testing Identification Report	IC 01*, IC-03*	Rs. 4000	
	3.19 MoUs signed and activities Record	IC 02*	New MoUs not signed only Actions	
	3.20 Industrial Training (IIPC/Other Grants)/ Self Supporting Program	IC- 04*	02 Self	
	3.21 In plant Training/Internship	IP -01*	N/A	
	3.22 Industrial visits arranged for students	IV-01,02,03,04*	N/A	
	3.23 Association activities / Clubs/Professional Societies/ Cell's	CA01 –CA04*	Science club -01	
	3.24No of News Letter	Minimum 4 per year	N/A	
	3.25 Developmental activities - No of Activities / department /Academic Year Product Development (IIC, TBI, etc)		EMDC:02	
4.	Infrastructure and Learning Resources	4.1 Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc. 4.2 Laboratory Maintenance Records/Registers 4.3 Equipment working conditions/Calibration 4.4 Latest/Research Level equipments – Availability and Utilization 4.5 Utilization of budget 4.6 Department Library – Maintenance and utilization 4.7 Computing Facilities - Maintenance and utilization 4.8 E-content development – Videos developed	FMM-01 TO 04 LT03, LT05, LT07* LT05, LT06, LT08, LT09* Stock & utilization register BD01-BD03, MM23 – MM24* Maintenance & utilization register/ Record LT07 Question banks PPT/ Records website link	Checked ✓ file in HOD phys Lab check visited. NO New equipment - old utilized : 1.48 Laks.
5.	Student Support and Progression	5.1 Placement details and training plan for Skill Development 5.2 Percentage of students placed (Improvement over 3 years) 5.3 Awareness programmes on Higher Education 5.4 Student participation and success in competitive examinations 5.5 Percentage of students joined higher education 5.6 Entrepreneurship - No of students attended trainings / Dept 5.7 Entrepreneurship - No of startups/Dept	PT 01- PT05* PT 01-05* HEC-01 TO 05 HEC -01 TO 05 HEC -04 Proof as per Quality plan Proof	2 2 N/A

Dr. Jayaram

	5.8 Student's participation in Co/Extra-curricular activities (Cultural, Sports, etc.) Paper Presentation/ Project Presentation	SAP files SAP 01 TO 04	NIL
	5.9 Innovative projects development by students - No of projects developed / department / Academic Year	Proof as per Quality plan	NIL
	5.10 Innovative projects development by students - No of projects presentation/ student/ Academic Year (through IIC/IEF)	Proof as per Quality plan	01 - Product Demo
	5.11 Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire course of study	Proof as per Quality plan	in Department files.
	5.12 Paper / Project presentation by students - Other Institutions Minimum presentation/ student / Academic Year	Proof as per Quality plan	7 Vehil Eng
	5.13 Paper / Project presentation by students - Within institution Minimum presentation/ student/ Academic Year	Proof as per Quality plan	
	5.14 Student achievements and awards	Student paper & project files	Robert
	5.15 Alumni Visits, Meetings and Guest Lectures	AL01 – AL04*	NIP
	5.16 Student Mentoring Report	Corresponding file	22CSR163 Ratio monitoring checked
6.	6.1 SWOT Analysis – Review Meeting 6.2 Academic Audit –Action Taken 6.3 Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses 6.4 Faculty Training – FDP/NPTEL/Industry 6.5 Faculty Qualification Improvement & Retention 6.6 Skill up-gradation training for Supporting Staff 6.7 Day to Day Activities and Parents-Teachers Meeting 6.8 Department faculty meeting	HOD file / MM11 – MM14* IQ 04 Corresponding file TR01- TR03* Training file TR-02 PRO-01 TO 04/ MM21*, MM22* MM19*, MM20*	Vfied Vfied NIL Dr. P. Ram Impound Mr. P. Selvaraj 21st Sept Vfied
7.	7.1 Department Best Practices 7.2 Contribution towards Institutional Values and Social Responsibilities 7.3 Contribution towards Special programmes 7.4 Human values and Professional Ethics related activities 7.5 Contribution towards Institutional Distinctiveness 7.6 Practices for Student Self learning	IIPC file CoE file Association file Association file Corresponding file Corresponding file	02 self support courses NIL NIL NIL Institutional commitment and work

The following parameters are not applicable for S&H department 1.5,1.7,2.1,2.2,2.11,2.12,2.13,2.18,2.19,2.20,2.26,3.7,3.21,3.22,5.1 to 5.7,5.15

\* Even sem onwards

S.No.	Criteria	Major Remarks / Comments
1.	Curricular Aspects	—
2.	Teaching –Learning Process	—
3.	Research, Innovation and Extension	An R&D project was submitted but the required grant was not received. Innovation part needs improvement.
4.	Infrastructure and Learning Resources	—
5.	Student Support and Progression	Physics related mini projects may be offered to students.
6.	Governance Leadership and Management	—
7.	Institutional Values and Best Practices	Improvements are needed in best practices.
Overall Comments		

Department IQAC Coordinators  
(with name)

(C. Rangasami)

KEC IQAC

24/9/24

Auditors  
(with name)

(Dr. T. ABIRAMI)

24/9/24

Head of the Department  
(with seal)

Dr. K. PRABU  
Associate Professor & Head  
Dept. of Physics

Kongu Engineering College  
Theppuppalayam (Po)  
Perundurai, Erode - 638 060.

✓/24/24



**KONGU ENGINEERING COLLEGE**  
 (Autonomous)  
 PERUNDURAI – 638060  
**INTERNAL QUALITY ASSURANCE CELL**  
**NON CONFORMANCE REPORT**



Department: Physics

Date: 24-09-2024

**Nonconformities**

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	3	Funded research projects – Nil	Quality project proposals may not have been submitted. Collaborative research may not have been initiated.	Submit quality project proposals.  Initiate collaborative research.	Ensure quality project proposals are submitted.  Initiate collaborative research.	All faculties	May 2025
2.	3	Sponsored seminar and conferences - Nil	Fewer proposals submitted.	Increase the number of submitted proposals.	Increase the submission of proposals.	All faculties	May 2025

**Observations (Opportunities for improvement)**

S.No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	5	Students' projects may be given	Not given for all students (optional)	Ensure projects are given to all students.	Provide projects to all incoming first-year students.	All faculties	May 2025
2.	7	Best practices may be initiated	Planning must be done properly	Plan best practices regularly for each academic year.	Ensure best practices are initiated consistently.	All faculties	May 2025

Auditor's

(Dr. T. ABINAM)  
 Associate Professor / II

Auditee Dept. IQAC Co-ordinator

Auditee Dept. HOD



# KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI - 638060

INTERNAL QUALITY ASSURANCE CELL



## AUDIT EVALUATION SHEET

### Audit Evaluation Sheet for the Academic Year 2023-2024 (Inter Department)

Auditors Name and Designation

: Dr. R.S. Latha, ASP/AI

Date of Audit

: 24.09.24

Audited Department

: S&amp;H (Chemistry)

S.No.	Criteria (Max Mark)	Parameters	File Name Audited	Observations
1.	Curricular Aspects	1.1 Curriculum Design and Development process	CDC-01, CDC-02	DL files verified
		1.2 Curriculum and syllabus – Planning and Implementation	CDC-03,04,06	DL, verified
		1.3 Dissemination of regulation, curriculum & Syllabus	CDC-05,10	DL, verified
		1.4 Minutes of BOS Meeting	CDC- 08,09	MINUTES checked BOS MINUTES
		1.5 Revision in Elective courses	CDC-11	Not applicable
		1.6 Value Added Courses – Organized and Participation of students	NVC-01 To 06	Not done
		1.7 Student involvement in field projects/internships	PR01, PC-05/PT-04*,PR-01*	Not applicable

	1.8 Feedback System on Curriculum - Alumni, Course End Survey, Employer, Faculty, Graduate Exit Survey, Parent	CDC-07A, 07C,07E,07F,07G, 07P	Only faculty form done, verified
	1.9 Mapping of Course Outcomes and Programme Outcomes	CDC-03,04, 06	DL, verified
	1.10 Allotting courses to faculty based on expertise	TT1-01,02 / TT-01, 02*	DL, verified
	1.11 Allotment of adequate number of hours in time table for theory/practical/project	TT1 -03,04,05/ TT-03-06*	DL, files verified
2.	2.1 Student Enrolment & Improvement in Student Quality Enrolment Ratio = No. of seats filled / No of Seats Approved	HoD -03	not applicable
	2.2 Student Teacher Ratio, Cadre Ratio & Adjunct Faculty	HoD -04	not applicable
	2.3 Structured Course Plan	CCO-01/ AC03*	22CYT12 Chemistry for Computer Systems Dr. C. Balraj. DDP - ICS-E-D DL
	2.4 Course Coordination Meeting	CC0-02/ AC-01A, 02*	DL, files verified
	2.5 Class Monitoring Committee Meeting	FB 01A, 01*	DL, files verified
	2.6 Course Delivery Methods – Use of ICT tools / Outcome Based Teaching learning Report	AC-14(Course file)/ AC-03*	Dr. M. Karthickeyan – E-content - Hazardous mgms
	2.7 Continuous Assessment (CA) Test Question Paper standards	ACO -06 / TE-03*	Dr. A. Revathi – LEVEN & EN. 22CYT12 - Chemistry for computer systems DL

	2.8 Conduct of Continuous Assessment Tests	01* #	Scouting report to be done
	2.9 Evaluation of CA Test papers with Answer key	Course files	verified
	2.10 Adequate number of Assignments and Tutorials & Evaluation of Assignment & Tutorial	ACO-01, ACO-07/ Course file	o/p files verified
	2.11 Virtual Lab Experiments / Mini project based experiments - Experiments per course for 2 and 3 years	Course files	NA
	2.12 Micro projects in Theory Courses - Simulation / Project based Assessment for tutorials for 2 and 3 years / Semester	Course files	NA
	2.13 Field visits for courses - One day factory visits for Theory courses for self-learning in 2 and 3 year of study / dept.	Course files	NA
	2.14 Remedial Measures for Slow Learners with proof	Course file / AC12*, 13*	Test sample can be filed
	2.15 Laboratory Plan	LT-01/LT 03, LT04 / AC-09*, AC-10*	AC - 09 - 22CYL11 Chemistry Lab for Electrical Syng. Dr. S. Srinikumar I ECG-15
	2.16 Quality of Laboratory Manual	LT-01*, Lab manuals / AC-11*/ Course file	verified
	2.17 Evaluating experiments – Rubrics/Periodically	AC11*, Course file for Lab	o/p, verified
	2.18 Project Work Review Schedule	PR02 / PR-01 to 04*	NA

	2.19 Quality of Project Reports	Project Reports	NA
	2.20 Evaluation of Projects through Review – Rubrics followed	PR-04*, PR-02*	NA
	2.21 Continuous Assessment Test Report and Consolidated Report	AC06*, AC07* (Inspro plus)	file verobjet, is verified
	2.22 End Semester Result Analysis	AC08*	verified
	2.23 PAC and QIC formulation and Meeting minutes	MM11- MM14*	PAC - NA QIC - can be followed
	2.24 Student Feedback on Course and Teacher	Course & teacher feedback	verified.
	2.25 Course Outcomes and Programme Outcomes Analysis – Direct & Indirect Assessments & Action Taken	PMO 01 to 05/ (2019-23 Batch) PO 01-08*	Only course outcome done Programme Outcome Analysis - I
	2.26 Alumni - Graduate Exit survey for PO & PSOs at the end of the programme	Corresponding files	NA
3. Research, Innovation and Extension	3.1 Seed money Proposals (student funding through IIC may be consider)	Corresponding files	Not Applied
	3.2 Submission of Project Proposals	RC01/ RD01*	OLC, verified
	3.3 Research Grants received	RD-10*	None

	3.4 Conference / seminar / workshop/FDP/STTP proposals submitted	RC01/ RD01*	<i>701C → conducted</i>
	3.5 Conference / seminar / workshop/FDP/SSTP organized	RD09*	
	3.6 Promotion of Start-ups	EMC-01 TO 05	—
	3.7 Conversion of student projects into paper / Patent	RD03*	NA
	3.8 Quality Publications by faculty (SCI/Scopus)	RD02*	<i>Faculty wise count can be prepared</i>
	3.9 Books/Book chapters/Conference/Patent filed/granted/Published by faculty	RD04*	ble
	3.10 Awards / Outside Interaction/ Collaboration of the faculty	RD05*	<i>Separate List to be maintained</i>
	3.11 PhD pursuing & Completed details	RD-07*	<i>OK, files verified</i>
	3.12 Membership in Professional Bodies	RD-08*	<i>OK, files verified</i>
	3.13 Students Enrollment Ph.D. - No of new students enrolled for the doctoral program	Corresponding files	<i>OK, files verified</i>

3.14 Minimum no of citations Faculty / dept/Academic year	Corresponding files	available, verified
3.15 PhD awarded - No of candidates/Year	Corresponding files	blk, files verified
3.16 Conferences attended - Faculty /Academic Year	Corresponding files	ICF verified
3.17 Research laboratories visits like DRDO, CSIR, IITs, IISc, CDAC, Industrial research Centre etc - Faculty / department /Academic Year	Corresponding files	NIL
3.18 Industrial Consultancy/Testing Identification Report	IC 01*, IC-03*	IC, verified
3.19 MoUs signed and activities Record	IC 02*	-
3.20 Industrial Training (IIPC/Other Grants)/ Self Supporting Program	IC- 04*	1 conducted
3.21 In plant Training/Internship	IP -01*	NA
3.22 Industrial visits arranged for students	IV-01,02,03,04*	NA
3.23 Association activities / Clubs/Professional Societies/ Cell's	CA01 -CA04*	1 event organized (Scientium)

	3.24 No of News Letter	Minimum 4 per year	—
	3.25 Developmental activities - No of Activities / department / Academic Year Product Development (IIC, TBI, etc)		—
4.	4.1 Physical facilities – Classrooms, Faculty cabin, seminar hall, Projectors, Printers, etc.	FMM-01 TO 04	OK, available
	4.2 Laboratory Maintenance Records/Registers	LT03, LT05, LT07*	In progress, verified.
	4.3 Equipment working conditions/Calibration	LT05, LT06, LT08, LT09*	OK, verified
	4.4 Latest/Research Level equipments – Availability and Utilization	Stock & utilization register	OK, verified.
	4.5 Utilization of budget	BD01-BD03, MM23 – MM24*	OK, files verified
	4.6 Department Library – Maintenance and utilization	Maintenance & utilization register/ Record	OK, verified
	4.7 Computing Facilities - Maintenance and utilization	LT07	—
	4.8 E-content development – Videos developed	Question banks PPT/ Records website link	verified.
5.	Student Support and Progression	5.1 Placement details and training plan for Skill Development	PT 01- PT05*

5.2 Percentage of students placed (Improvement over 3 years)	PT 01-05*	—
5.3 Awareness programmes on Higher Education	HEC-01 TO 05	—
5.4 Student participation and success in competitive examinations	HEC -01 TO 05	—
5.5 Percentage of students joined higher education	HEC -04	—
5.6 Entrepreneurship - No of students attended trainings / Dept	Proof as per Quality plan	—
5.7 Entrepreneurship - No of startups/Dept	Proof	—
5.8 Student's participation in Co/Extra-curricular activities (Cultural, Sports, etc.) Paper Presentation/ Project Presentation	SAP files SAP 01 TO 04	SAP points Not Applicable Proof available
5.9 Innovative projects development by students - No of projects developed / department / Academic Year	Proof as per Quality plan	not available.
5.10 Innovative projects development by students - No of projects presentation/ student/ Academic Year (through IIC/IEF)	Proof as per Quality plan	Not available
5.11 Paper / Project presentation by students - Premier Institutions Minimum presentation/ student during entire course of study	Proof as per Quality plan	Not available

	5.12 Paper / Project presentation by students - Other Institutions Minimum presentation/ student / Academic Year	Proof as per Quality plan	OK, checked
	5.13 Paper / Project presentation by students - Within institution Minimum presentation/ student/ Academic Year	Proof as per Quality plan	OK, verified
	5.14 Student achievements and awards	Student paper & project files	OK, verified
	5.15 Alumni Visits, Meetings and Guest Lectures	AL01 – AL04*	—
	5.16 Student Mentoring Report	Corresponding file	To be followed
6.	Governance, Leadership and Management	6.1 SWOT Analysis – Review Meeting	HOD file / MM11 – MM14*
		6.2 Academic Audit –Action Taken	IQ 04
		6.3 Strategic Development – Centre of Excellence, Collaboration with Foreign Universities, New Courses	Corresponding file
		6.4 Faculty Training – FDP/NPTEL/Industry	TR01- TR03*
		6.5 Faculty Qualification Improvement & Retention	Training file

		6.6 Skill up-gradation training for Supporting Staff	TR-02	OIC, checked
		6.7 Day to Day Activities and Parents-Teachers Meeting	PRO-01 TO 04/ MM21*, MM22*	OIC, checked
		6.8 Department faculty meeting	MM19*, MM20*	OIC, verified
7.	Institutional Values and Best Practices	7.1 Department Best Practices	IIPC file	-
		7.2 Contribution towards Institutional Values and Social Responsibilities	CoE file	-
		7.3 Contribution towards Special programmes	Association file	-
		7.4 Human values and Professional Ethics related activities	Association file	-
		7.5 Contribution towards Institutional Distinctiveness	Corresponding file	RO water supply for entire college
		7.6 Practices for Student Self learning	Corresponding file	-

The following parameters are not applicable for S&H department 1.5,1.7,2.1,2.2,2.11,2.12,2.13,2.18,2.19,2.20,2.26,3.7,3.21,3.22,5.1 to 5.7,5.15

\* Even sem onwards

S.No.	Criteria	Major Remarks / Comments
1.	Curricular Aspects	—
2.	Teaching –Learning Process	IQAC - Not applicable QJC - Not followed in the depr
3.	Research, Innovation and Extension	Research Projects Fund not yet started
4.	Infrastructure and Learning Resources	—
5.	Student Support and Progression	—
6.	Governance Leadership and Management	—
7.	Institutional Values and Best Practices	—
Overall Comments		Good in most parameters - Need to concentrate in R&D projects

1. Dr. K. MANSULA RAMI  
 2. Dr. R. S. LATHEESWARI (Dr. R. TAMILISAI)

Department IQAC Coordinators  
 (with name)

KEC IQAC

Reathy

Auditors  
 (with name)

Dr. R. S. LATHEESWARI

Pranayam

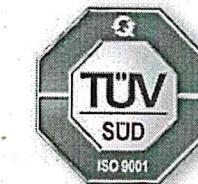
Head of the Department  
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**KONGU ENGINEERING COLLEGE**  
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**NON CONFORMANCE REPORT**



**Department: Chemistry**

**Date: 24.09.2024**

**Non conformities**

S.No.	Criteria	Non Conformities	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Research, Innovation and Extension	Research Grants received	13 proposals submitted for various funding agencies. But not yet received any funds	All Faculties are informed to concentrate more on R&D proposals	--	All Faculty	Next Academic Year
		Industrial Consultancy / Testing	Rs.48,540.00 received for various consultancy activity.	We planned to contact more number of Industries to complete our target	--	All Faculty	Next Academic Year
		No of Seminar/conference/workshop etc proposals submitted- 7 Faculties have not applied	Faculties concentrated on applying R & D proposals.	We will plan to fix the target for each faculty to send to Seminar/conference/workshop etc to various funding agencies	--	All Faculty	Next Academic Year
		Quality Publications by faculty (SCI/Scopus) was insufficient	Faculties have communicated their research findings in many reputed journal. Some papers are not accepted and some papers are under process.	All faculty will follow and complete the publication process	--	All Faculty	Next Academic Year

**Observations (Opportunities for improvement)**

S.No.	Criteria	Observations	Cause Analysis	Corrective Actions	Preventive Action (if any)	Responsibility	Due date
1.	Teaching-Learning Process	QIC was not formulated and followed.	As PAC was not applicable, we thought that QIC was not needed.	We will plan to formulate QIC in the next Academic year	--	HOD	Next Academic Year

*R. Selvi*  
7/10/24

Auditor's  
(Name with Designation & Dept.)

Dr. R. S. Latha  
ASP / DI

*Dr. P. Manikandan*  
7/10/24

*R. Selvi*  
7/10/24

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1. Dr. K. M ANJULA RANI
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