



## **Internal Quality Assurance Cell**

### **IQAC Academic Audit**

#### **BASIC DETAILS**

Auditors' Names	Dr. Joby P P, Prof. Manish Jose
Date	17.03.2025
Semester	Even

#### **B. Tech/M. Tech/ MBA/ MCA**

#### **Auditee Branch: Artificial Intelligence and Data Science**

<b>Key Aspects</b>	<b>Auditor's Remarks</b>	<b>Principal's Response</b>
Tutorial Log Book	Few Tutorial entries are not updated in the log book	
Student to Faculty Ratio (SFR)	1:20	
CO, PO attainment of immediate past semester (Ensure CO attainment and Quality Loop Closure is done)	Attainment for few courses are not completed (It was said its due to Etlab error)	Reported to etlab team
Is Curriculum Gap identified and are any actions taken	Curriculum gap identification needs to be streamlined	We are planning to this with the reference from CSE department before 11-04-2025
Project Evaluation (Please check if Rubrics is created and adhered to)	Maintained well	
Add - on course of minimum 30 hrs offered by the Department (if any)	Nil	
Research Funding/Consultancy	750\$ from GENAI Works 21K – CERD Fund from KTU 25K- Prototype Grant from KTU	
Publications (Journals/Conferences/Book Chapters etc)	Scopus Conferences: 4	



### **Internal Quality Assurance Cell**

<ul style="list-style-type: none"> <li>By faculty</li> <li>By students <ul style="list-style-type: none"> <li>Overlap may arise; please consider both</li> </ul> </li> </ul>		
<b>IPR related activities</b> <ul style="list-style-type: none"> <li>Awareness</li> <li>Patent/copyright/trademark <ul style="list-style-type: none"> <li>Filed/approved/granted</li> </ul> </li> </ul>	Registration of Design - 1	
<b>Number of Active/Functional MoUs'</b> (Verify if any activity based on the MoU has been organized/attended)	File need to be updated	It will update with the reference from Dr. Giby Jose before 11-04-2025
FDPs attended/Organized in the department	FDPs attended: 12 FDPS Organized: 01	
Awards/Honors (Mention Students and Faculty separately)	Need to be Consolidated	Completed and Verified
<b>Success data of passed out students</b> <ul style="list-style-type: none"> <li>Please mention number of students and relevant data</li> </ul>	Out of <b>59</b> students, <b>36</b> graduated: <b>61%</b>	
Placement details of passed out students (Please verify offer letters/documentary evidence)	A total of <b>46</b> students were placed. Records are maintained for <b>19</b> students (offer letters)	
No of students opted for higher studies (Please verify documentary evidence)	2 students pursue higher studies (Proof College ID cards)	
<b>Entrepreneurship/Start-Ups</b> <ul style="list-style-type: none"> <li>By Faculty</li> <li>By Students (Current &amp; Passed out separately)</li> </ul>	2 Registered Start-Ups from current students	



### ***Internal Quality Assurance Cell***

<p>Student participation in various Professional Society Activities</p> <ul style="list-style-type: none"> <li>List of student members in various Professional Societies like IEEE/SAE/ASME etc</li> <li>List of student members from the Department attending various Professional Society activities like IEEE/SAE/ASME etc</li> </ul>	File needs to be maintained	It will update before 11-04-2025
Staff additional Duties	Maintained Well	
Equipment Log registers in the laboratory	Maintained Well	
<p>NPTEL/MOOC courses taken by UG/PG students</p> <ul style="list-style-type: none"> <li>Please mention the number of students attended</li> </ul>	28 Students	
Department Library register	Need to be Updated	Completed and verified
Initiatives for advanced learners and for slow learners	Initiatives need to be taken and implemented to support both advanced learners and slow learners	We are planning to in next semesters
Computing facility in the computer Lab	74 Computers available in 2 Laboratory	
<p>Verification of accuracy of DQAC monthly reports</p> <p>*Monthly reports will be given to the auditors</p>	Verified, Well Maintained	

#### **Part B**

<b>Key Aspects</b>	<b>Auditor 's Remarks</b>	<b>Rating</b>	<b>Principal's</b>
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### ***Internal Quality Assurance Cell***

			<b>Response</b>
Class/course committee meetings and action taken report <ul style="list-style-type: none"> <li>Please ensure CO-PO mapping of common courses are discussed in the course committee</li> </ul>	Verified, Well Maintained		
Advisory meetings and action taken report	S4 and S6 Meetings not conducted		Conducted and maintained in single register
Result analysis of previous semester	S1 : <b>77.5%</b> , S3 : <b>62.5%</b> ; S5: <b>78.7%</b> , S7: <b>96.55%</b>		
Syllabus coverage as per course plan (ERP data)	Verified		
Conduct of laboratory classes with relevant details (ERP data)	Verified		
Conduct of minor/honours classes <ul style="list-style-type: none"> <li>Offered by the Department (Course File?)</li> <li>Students in the Department <ul style="list-style-type: none"> <li>Please note number of students registered; continuing the course; courses being offered e.t.c</li> </ul> </li> </ul>	Honours : File maintained. S4 : 07, S6: 11, S8: 3 The Project Team has been not been formed in accordance with the University Order. As per the order, a maximum of 2 students are permitted, but the team consists of 3 students.  There is no record maintained for the Minor Course.		Modifications made base on the university order.
Platforms used for LMS/Course materials and lectures uploaded Please list which tool is being used in the Department	Etlab		
Conduct of Internal assessments for theory and lab classes	Verified, Well Maintained		
Maintenance of course file	Well Maintained		
Register showing activity points	Verified, Well Maintained		
Faculty evaluation & remarks of the HoD	Verified. The benchmark needs to be corrected as per the HoD/IQAC decision. File is Well maintained.		Corrected



### ***Internal Quality Assurance Cell***

Additional Information: Auditors may please note and report to IQAC

- Are there any innovative teaching practice by any faculty in the department (Quiz, Role Play, Micro project, GDs, etc.) (This is optional; this information will be used to identify and appreciate any faculty who uses different teaching method) : Nil

Dr. Joby P P

Prof. Manish Jose



## Internal Quality Assurance Cell

### IQAC Academic Audit

#### BASIC DETAILS

Prof	Mr. Shiblemon K. V, Mrs. Shanooga Chandran
Date	18-03-2025
Semester	2024-2025 Even

#### B. Tech/M. Tech/ MBA/ MCA

Auditee Branch: ...CS-AI.....

Key Aspects	Auditor's Remarks	Principal's Response
Tutorial Log Book	Maintained	Noted
Student to Faculty Ratio (SFR)	NA	NA
CO, PO attainment of immediate past semester (Ensure CO attainment and Quality Loop Closure is done)	Department PSO's not created	NA
Is Curriculum Gap identified and are any actions taken	NA	NA
Project Evaluation (Please check if Rubrics is created and adhered to)	NA	NA
Add - on course of minimum 30 hrs offered by the Department (if any)	Nil	NA
Research Funding/Consultancy	Nil	NA
Publications (Journals/Conferences/Book Chapters etc) <ul style="list-style-type: none"><li>By faculty</li><li>By students<ul style="list-style-type: none"><li>Overlap may arise; please consider both</li></ul></li></ul>	1 (entered in CS Dept.)	NA



**Internal Quality Assurance Cell**

IPR related activities <ul style="list-style-type: none"> <li>Awareness</li> <li>Patent/copyright/trademark <ul style="list-style-type: none"> <li>Filed/approved/granted</li> </ul> </li> </ul>	Nil	NA
Number of Active/Functional MoUs' (Verify if any activity based on the MoU has been organized/attended)	Nil	NA
FDPs attended/Organized in the department	FDP attended-1	NA
Awards/Honors (Mention Students and Faculty separately)	Nil	
Success data of passed out students <ul style="list-style-type: none"> <li>Please mention number of students and relevant data</li> </ul>	NA	NA
Placement details of passed out students (Please verify offer letters/documentary evidence)	NA	NA
No of students opted for higher studies (Please verify documentary evidence)	NA	NA
Entrepreneurship/Start-Ups <ul style="list-style-type: none"> <li>By Faculty</li> <li>By Students (Current &amp; Passed out separately)</li> </ul>	Nil	NA
Student participation in various Professional Society Activities <ul style="list-style-type: none"> <li>List of student members in various Professional Societies like IEEE/SAE/ASME etc</li> </ul>	To be updated	Noted



### ***Internal Quality Assurance Cell***

<ul style="list-style-type: none"> <li>List of student members from the Department attending various Professional Society activities like IEEE/SAE/ASME etc</li> </ul>	9 participations	
Staff additional Duties	Academic Council Member	NA
Equipment Log registers in the laboratory	NA	NA
NPTEL/MOOC courses taken by UG/PG students <ul style="list-style-type: none"> <li>Please mention the number of students attended</li> </ul>	3	Noted
Department Library register	NA	NA
Initiatives for advanced learners and for slow learners	Maintained list of advanced and slow learners. No Initiatives for advanced learners	Noted
Computing facility in the computer Lab	NA	NA
Verification of accuracy of DQAC monthly reports *Monthly reports will be given to the auditors	Verified	Noted

### **Part B**

<b>Key Aspects</b>	<b>Auditor 's Remarks</b>	<b>Rating</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report <ul style="list-style-type: none"> <li>Please ensure CO-PO mapping of common courses are discussed in the course committee</li> </ul>	Maintained class committee.  No Course committee	Good	Noted  NA
Advisory meetings and action taken report	Maintained	Excellent	Noted





***Internal Quality Assurance Cell***

Result analysis of previous semester	Pass percentage: 78.3% (54/69)	Excellent	Noted
Syllabus coverage as per course plan (ERP data)	Done	Excellent	Noted
Conduct of laboratory classes with relevant details (ERP data)	Done	Excellent	Noted
Conduct of minor/honours classes <ul style="list-style-type: none"><li>Offered by the Department (Course File?)</li><li>Students in the Department<ul style="list-style-type: none"><li>Please note number of students registered; continuing the course; courses being offered e.t.c</li></ul></li></ul>	NA	NA	NA
Platforms used for LMS/Course materials and lectures uploaded Please list which tool is being used in the Department	LMS	Excellent	Noted
Conduct of Internal assessments for theory and lab classes	Done	Excellent	Noted
Maintenance of course file	Verified	Excellent	Noted
Register showing activity points	Maintained certificate file	Good	Noted
Faculty evaluation & remarks of the HoD	Maintained with remark	Excellent	Noted

Additional Information: Auditors may please note and report to IQAC

- Are there any innovative teaching practice by any faculty in the department (Quiz, Role Play, Micro project, GDs, etc.) (This is optional; this information will be used to identify and appreciate any faculty who uses different teaching method)



## Internal Quality Assurance Cell

### IQAC Academic Audit

#### BASIC DETAILS

Auditors' Names	Dr. Rahul Shajan Prof. Rashmi Annama George
Date	15/03/2025
Semester	Even

#### B. Tech/M. Tech/ MBA/ MCA

#### Auditee Branch: ...B. Tech Computer Science and Engineering (Cyber Security)

Key Aspects	Auditor's Remarks	Principal's Response
Tutorial Log Book	Well Maintained	Noted
Student to Faculty Ratio (SFR)	1: 24	Noted
CO, PO attainment of immediate past semester (Ensure CO attainment and Quality Loop Closure is done)	Attainment details and closure loop documents are provided in course files. Common policy for CO target updation- not maintained.	Noted
Is Curriculum Gap identified and are any actions taken	Gap identified, Proof of action taken not maintained	Noted
Project Evaluation (Please check if Rubrics is created and adhered to)	Well Maintained	Noted
Add - on course of minimum 30 hrs offered by the Department (if any)	Nil	Noted
Research Funding/Consultancy	Nil	Noted
Publications (Journals/Conferences/Book Chapters etc) <ul style="list-style-type: none"><li>By faculty</li><li>By students<ul style="list-style-type: none"><li>Overlap may arise; please consider both</li></ul></li></ul>	Nil	Noted



**Internal Quality Assurance Cell**

IPR related activities <ul style="list-style-type: none"> <li>Awareness</li> <li>Patent/copyright/trademark <ul style="list-style-type: none"> <li>Filed/approved/granted</li> </ul> </li> </ul>	Nil	Noted
Number of Active/Functional MoUs' (Verify if any activity based on the MoU has been organized/attended)	Total no: 7 Active: 2	Noted
FDPs attended/Organized in the department	Attended 12 Organized 0	Noted
Awards/Honors (Mention Students and Faculty separately)	Students: 1 Faculty : 3 (NET)	Noted
Success data of passed out students <ul style="list-style-type: none"> <li>Please mention number of students and relevant data</li> </ul>	2022-26 Batch Up to S5: 57.89% (33/57) 2023-27 Batch Up to S3: 57.14% (40/70)	Noted
Placement details of passed out students (Please verify offer letters/documentary evidence)	NA	Noted
No of students opted for higher studies (Please verify documentary evidence)	NA	Noted
Entrepreneurship/Start-Ups <ul style="list-style-type: none"> <li>By Faculty</li> <li>By Students (Current &amp; Passed out separately)</li> </ul>	Nil	Noted
Student participation in various Professional Society Activities <ul style="list-style-type: none"> <li>List of student members in various Professional Societies like IEEE/SAE/ASME etc</li> <li>List of student members from the</li> </ul>	SAE: 2 CSI: 18	Noted



***Internal Quality Assurance Cell***

Department attending various Professional Society activities like IEEE/SAE/ASME etc		
Staff additional Duties	Well maintained	Noted
Equipment Log registers in the laboratory	Maintained (Some signature missing)	Noted
NPTEL/MOOC courses taken by UG/PG students <ul style="list-style-type: none"><li>Please mention the number of students attended</li></ul>	S4 (2023-27): 19 S6 (2022-26): 34	Noted
Department Library register	54 (Books from main library)	Noted
Initiatives for advanced learners and for slow learners	Slow learners' details kept. Proof: Only Remedial Register maintained	Noted
Computing facility in the computer Lab	38	Noted
Verification of accuracy of DQAC monthly reports *Monthly reports will be given to the auditors	Some reports missing	Noted

**Part B**

Key Aspects	Auditor 's Remarks	Rating	Principal's Response
Class/course committee meetings and action taken report <ul style="list-style-type: none"><li>Please ensure CO-PO mapping of common courses are discussed in the course committee</li></ul>	Well maintained  Mapping and Justification not considered in any of the department level committees.		Noted
Advisory meetings and action taken report	Well maintained		Noted
Result analysis of previous semester	Well maintained		Noted



### ***Internal Quality Assurance Cell***

Syllabus coverage as per course plan (ERP data)	Entered the Course plan and Coverage in Etlab, But need to be more perfect.		Noted
Conduct of laboratory classes with relevant details (ERP data)	Details Missing		Noted
Conduct of minor/honours classes <ul style="list-style-type: none"><li>Offered by the Department (Course File?)</li><li>Students in the Department<ul style="list-style-type: none"><li>Please note number of students registered; continuing the course; courses being offered e.t.c</li></ul></li></ul>	Minor S4 (2023-27): 34 Minor S6 (2022-26) -12 Honours S4 (2023-27): 9 Honours S6 (2022-26) -2 All are continuing		Noted
Platforms used for LMS/Course materials and lectures uploaded Please list which tool is being used in the Department	Etlab, Gmail, Telegram		Noted
Conduct of Internal assessments for theory and lab classes	Assignment not created/ published in Etlab Some series exams need to be created in Etlab Lab evaluations missing		Noted
Maintenance of course file	Maintained Proper indexing needed Uniformity not maintained S2 course files not well maintained		Noted
Register showing activity points	Well maintained		Noted
Faculty evaluation & remarks of the HoD	Well maintained		Noted

Additional Information: Auditors may please note and report to IQAC

- Are there any innovative teaching practice by any faculty in the department (Quiz, Role Play, Micro project, GDs, etc.) (This is optional; this information will be used to identify and appreciate any faculty who uses different teaching method)



## Internal Quality Assurance Cell

### IQAC Academic Audit

#### BASIC DETAILS

Auditors' Names	Dr. Pious Thomas and Dr. Sruthy S
Date	14 March 2025
Semester	Even Semester

#### B. Tech/M. Tech/ ~~MBA/MCA~~

#### Auditee Branch: Civil Engineering – B. Tech and M. Tech

Key Aspects	Auditor's Remarks	Principal's Response
Tutorial Log Book	Log book maintained up to date. Few documents not signed by staff and HOD	Will be done
Student to Faculty Ratio (SFR)	14 Staff: 135 Students	
CO, PO attainment of immediate past semester (Ensure CO attainment and Quality Loop Closure is done)	CO, PO attainment files maintained well. Few documents not signed by respective staff and HOD.	Will be done
Is Curriculum Gap identified and are any actions taken	Curriculum gap identified and maintained the documents with action taken report. Few signatures missing.	Will be done
Project Evaluation (Please check if Rubrics is created and adhered to)	Project evaluation done very well. Students presentations and certificates maintained.	
Add - on course of minimum 30 hrs offered by the Department (if any)	No add-on courses.	Will do the needful
Research Funding/Consultancy	Many consultancy works done by the staff members. Previous year an amount of Rs. 8 lakhs collected. Students not involved.	Will do the needful
Publications (Journals/Conferences/Book Chapters etc) • By faculty	2024-25 – All staff members -12 publications by students and staff. 2023-24 – 16 publications by students and staff. M. Tech students also included	



**Internal Quality Assurance Cell**

<ul style="list-style-type: none"> <li>By students <ul style="list-style-type: none"> <li>Overlap may arise; please consider both</li> </ul> </li> </ul>	Not done. But FDP attended by two staff members Dr. Ance and Ms. Annie.	
<b>IPR related activities</b> <ul style="list-style-type: none"> <li>Awareness</li> <li>Patent/copyright/trademark <ul style="list-style-type: none"> <li>Filed/approved/granted</li> </ul> </li> </ul>	Not done.  FDP on Entrepreneurship attended by 6 faculty members and 1 student.	Will do the needful
Number of Active/Functional MoUs' (Verify if any activity based on the MoU has been organized/attended)	6 MOUs signed, however, all MOUs are dormant.	Will do the needful
FDPs attended/Organized in the department	Not organized by the department.	Will do the needful
Awards/Honors (Mention Students and Faculty separately)	Not received.	Will do the needful
Success data of passed out students <ul style="list-style-type: none"> <li>Please mention number of students and relevant data</li> </ul>	N. A	
Placement details of passed out students (Please verify offer letters/documentary evidence)	2022 -23 - 27/students placed. 22/35	
No of students opted for higher studies (Please verify documentary evidence)	No records available.	Will do the needful
Entrepreneurship/Start-Ups <ul style="list-style-type: none"> <li>By Faculty</li> <li>By Students (Current &amp; Passed out separately)</li> </ul>	N. A	



**Internal Quality Assurance Cell**

<p>Student participation in various Professional Society Activities</p> <ul style="list-style-type: none"> <li>List of student members in various Professional Societies like IEEE/SAE/ASME etc</li> <li>List of student members from the Department attending various Professional Society activities like IEEE/SAE/ASME etc</li> </ul>	<p>ISTE -1 1students. ASME and IEEE – few students joined.</p> <p>Students list not maintained.</p>	<p>Will do the needful</p>
Staff additional Duties	N.A	
Equipment Log registers in the laboratory	Well maintained.	
<p>NPTEL/MOOC courses taken by UG/PG students</p> <ul style="list-style-type: none"> <li>Please mention the number of students attended</li> </ul>	N.A	
Department Library register	Maintained well.	
Initiatives for advanced learners and for slow learners	Remedial programmes conducted. Students signature and detailed topics and tests not mentioned.	Will be done
Computing facility in the computer Lab	75 systems are in working condition.	
<p>Verification of accuracy of DQAC monthly reports</p> <p>*Monthly reports will be given to the auditors</p>	<p>Criteria 5 – 3 documents uploaded.</p> <p>Criteria 6 – 6 paper publications uploaded.</p>	





**Internal Quality Assurance Cell**  
**Part B**

Key Aspects	Auditor 's Remarks	Rating	Principal's Response
Class/course committee meetings and action taken report <ul style="list-style-type: none"> <li>Please ensure CO-PO mapping of common courses are discussed in the course committee</li> </ul>	Class and course committee meetings have been conducted.  Need to maintain the common subjects, course committee meeting minutes and details.	Good	Will be done
Advisory meetings and action taken report	Advisory meetings have been conducted and documents are well maintained	Excellent	
Result analysis of previous semester	<b>Pass percentage</b> S1(2024 scheme) 71.4% S3 (2023-2027 batch) 62.07% S5 (2022-2026 batch) 70.59% S7 (2021-2025 batch) 88.68% PGC(2023-2025) 100% PGC(2022-2024) 81.82%	Good	
Syllabus coverage as per course plan (ERP data)	Course delivery conforms to academic calendar Need to improve on CET404- justification not added. (comprehensive viva voce -s8)	Good	
Conduct of laboratory classes with relevant details (ERP data)	Well maintained	Excellent	
Conduct of minor/honours classes <ul style="list-style-type: none"> <li>Offered by the Department (Course File?)</li> <li>Students in the Department <ul style="list-style-type: none"> <li>Please note number of students registered; continuing the course; courses being offered e.t.c</li> </ul> </li> </ul>	<b>Minor</b> subject details in etlab need to be improved Maintained file	Good	
Platforms used for LMS/Course materials and lectures uploaded  Please list which tool is being used in the Department	Etlab was used to give class materials	Good	
Conduct of Internal assessments for theory and lab classes	CEL202 - MATERIAL TESTING LAB, FLUID MECHANICS LAB (s4)	Good	Will be done



***Internal Quality Assurance Cell***

	-evaluation not done		
Maintenance of course file	Course file is well maintained	Good	
Register showing activity points	Well maintained	Good	
Faculty evaluation & remarks of the HoD	Well maintained	Good	

Additional Information: Auditors may please note and report to IQAC

- Are there any innovative teaching practice by any faculty in the department (Quiz, Role Play, Micro project, GDs, etc.) (This is optional; this information will be used to identify and appreciate any faculty who uses different teaching method)
  1. Project II have publication by almost all students.
  2. Fr. Bennet utilized effective tools to demonstrate the "Theory of Beam Simple Bending", also, incorporating ICT resources such as YouTube links related to fluid mechanics.
  3. Dr. Ance employs peer group learning to promote effective classroom management, particularly for supporting weaker students.



## **Internal Quality Assurance Cell**

### **IQAC Academic Audit**

#### **BASIC DETAILS**

Auditors' Names	Dr. Arun. P, Ms. Elizabeth Alphonsa Jose, Dr. Ginu Ann George and Ms. Elma Joseph
Date	17/03/2025
Semester	Even Semester 2024-2025 - First Internal Audit.

### **B. Tech/M. Tech/ MBA/ MCA**

#### **Auditee Branch: Computer Science and Engineering**

<b>Key Aspects</b>	<b>Auditor's Remarks</b>	<b>Principal's Response</b>
Tutorial Log Book	Well Maintained	Noted
Student to Faculty Ratio (SFR)	Excluding first year – 19.30 Including first year – 20.47	There is a clerical error in the SFR, marked in red. It also excludes the first year (Actual Intake).
CO, PO attainment of immediate past semester (Ensure CO attainment and Quality Loop Closure is done)	Well Maintained	Noted
Is Curriculum Gap identified and are any actions taken	Curriculum Gap identified.	Noted
Project Evaluation (Please check if Rubrics is created and adhered to)	Well maintained	Noted
Add - on course of minimum 30 hrs offered by the Department (if any)	No courses conducted this semester	Noted
Research Funding/Consultancy	No funding in this semester	Noted
Publications (Journals/Conferences/Book Chapters etc) • By faculty	Faculty 2024-25 AY – 1 Scopus Indexed journal and 2 Int. National Conference.  Students	Noted



### **Internal Quality Assurance Cell**

<ul style="list-style-type: none"> <li>By students <ul style="list-style-type: none"> <li>Overlap may arise; please consider both</li> </ul> </li> </ul>	2024-25 AY – 8 students presented paper in Int. Conference.	
IPR related activities <ul style="list-style-type: none"> <li>Awareness</li> <li>Patent/copyright/trademark <ul style="list-style-type: none"> <li>Filed/approved/granted</li> </ul> </li> </ul>	Nil	Will take Initiative to improve
Number of Active/Functional MoUs' (Verify if any activity based on the MoU has been organized/attended)	6 Active MoUs. Of this, 3 MoUs were functional in this semester and conducted multiple activities.	Noted
FDPs attended/Organized in the department	FDPs attended : 04  Organized: Nil	Noted
Awards/Honors (Mention Students and Faculty separately)	Awards/Honors ( Students ) : 25 students are received 'Awards/Honors' this semester as part of various events organized by Professional Societies, other Colleges etc.  Awards/Honors ( Faculty ) : Prof. Sarju S elevated as IEEE Senior member and elected as the Vice Chair, IEEE CS Kerala Chapter.	Noted
Success data of passed out students <ul style="list-style-type: none"> <li>Please mention number of students and relevant data</li> </ul>	2024 Pass out – First chance – $68/126 = 53.97\%$ Graduated – $103/126 = 81.75\%$  M-Tech – No batch as per the information given.	Success rate without Backlog in minimum period. Success rate with Backlog in minimum period
Placement details of passed out students (Please verify offer letters/documentary evidence)	Placement details of passed-out students have been verified with the available offer letters and supporting documentary evidence. Records are maintained appropriately.	Noted
No of students opted for higher studies (Please verify documentary evidence)	Higher studies details of passed-out students have been verified with the available supporting documentary evidence. Records indicate that 6 students have opted for higher studies.	Noted



**Internal Quality Assurance Cell**

Entrepreneurship/Start-Ups <ul style="list-style-type: none"><li>By Faculty</li><li>By Students (Current &amp; Passed out separately)</li></ul>	This semester No Entrepreneurship/Start-Ups initiatives.	Noted
Student participation in various Professional Society Activities <ul style="list-style-type: none"><li>List of student members in various Professional Societies like IEEE/SAE/ASME etc</li><li>List of student members from the Department attending various Professional Society activities like IEEE/SAE/ASME etc</li></ul>	Student membership details have been verified.  48 members in IEEE and 148 members in CSI.  Active participation of students is evident in various programs, including project competitions, ethical hacking workshops and web development under the CSI chapter.  Additionally, two programs were organized under IEEE this semester, with more than 100 students actively involved. Documentation and records are well-maintained.	Noted
Staff additional Duties	Records of staff additional duties have been verified and are well-maintained.	Noted
Equipment Log registers in the laboratory	Equipment log registers in the laboratories are maintained appropriately, kept in the respective labs.	Noted
NPTEL/MOOC courses taken by UG/PG students <ul style="list-style-type: none"><li>Please mention the number of students attended</li></ul>	As of this academic year, 34 students have registered/completed NPTEL MOOC courses, and 687 students have registered/completed Springboard courses.  All M. Tech Working Professionals students are enrolled in two NPTEL courses.  Documentation and records for these enrollments are well-maintained.	Noted
Department Library register	Departmental library maintains a collection of 676 titles and 1,136 books.	Noted
Initiatives for advanced learners and for slow learners	Have been implemented across all semesters and verified.	Noted



### **Internal Quality Assurance Cell**

Computing facility in the computer Lab	72+36+36+24= 168 Computers	Noted
<b>Verification of accuracy of DQAC monthly reports</b> <b>*Monthly reports will be given to the auditors</b>	Reports have been verified with data and supporting documents available in both soft and hard copies. While uniformity has been maintained as per the IQAC guidelines in most cases, a few instances require attention to ensure complete compliance.	Noted. Will verify and ensure uniformity in all documents.

### **Part B**

<b>Key Aspects</b>	<b>Auditor 's Remarks</b>	<b>Rating</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report <ul style="list-style-type: none"> <li>Please ensure CO-PO mapping of common courses are discussed in the course committee</li> </ul>	The class committee meetings and action taken reports have been verified and were conducted as per the scheduled calendar. However, dated signatures were not observed in the records.	Very Good	Noted
Advisory meetings and action taken report	Course committee meetings for the courses, namely CS204, CS202, CST306, CST302, CST204, and 24SJGXEST204, were conducted as scheduled, and the CO-PO mapping of common courses was duly discussed. However, dated signatures were not observed in the records.	Very Good	Noted
Result analysis of previous semester	B-Tech S7 – 95.12 % S5 – 86.40 % S3 – 82.90 % S1 – 84 % M-Tech S1- MOOC Course (Result Awaiting) S3 - Withheld	Very Good	Noted. Clarity is needed in the rating. As per the KTU audit manual, >75% falls under the Excellent category.
Syllabus coverage as per course plan (ERP data)	The syllabus coverage, as per the course plan (ERP data), has been reviewed and is excellent.	Excellent	Noted
Conduct of laboratory classes with relevant details (ERP data)	The syllabus coverage, as per the course plan (ERP data), has been reviewed and is excellent.	Excellent	Noted
Conduct of minor/honours classes <ul style="list-style-type: none"> <li>Offered by the Department (Course File?)</li> <li>Students in the Department</li> </ul>	No Courses offered by the Department <u>Number of students attending Minor</u> S4 – 40 S6 – 13	Very Good	Noted



### Internal Quality Assurance Cell

○ Please note number of students registered; continuing the course; courses being offered e.t.c	Number of students attending Honours S4 – 36 S6 – 17 S8 – 04		
Platforms used for LMS/Course materials and lectures uploaded Please list which tool is being used in the Department	Platform used : Moodle. Lecture materials for all the courses are uploaded upto module 3.	Excellent	Noted
Conduct of Internal assessments for theory and lab classes	The internal assessments for both theory and lab classes are conducted in line with the academic calendar.	Excellent	Noted
Maintenance of course file	Very well maintained.	Excellent	Noted
Register showing activity points	No separate register is maintained for activity points; however, proofs for all semesters are securely stored in the Drive, and a consolidated summary upon entry in APJAKTU is well maintained.	Excellent	Noted
Faculty evaluation & remarks of the HoD	The first faculty evaluation has been completed and the remarks provided by the HoD have been duly recorded and maintained the file as well.	Excellent	Noted

Additional Information: Auditors may please note and report to IQAC

- Are there any innovative teaching practice by any faculty in the department (Quiz, Role Play, Micro project, GDs, etc.) (This is optional; this information will be used to identify and appreciate any faculty who uses different teaching method) – For a few courses, quizzes are conducted using Moodle along with an online leaderboard.



## Internal Quality Assurance Cell

### IQAC Academic Audit

#### BASIC DETAILS

Auditors' Names	Dr. Praseetha V M, Prof. Al Saheer S S
Date	17.03.2025
Semester	Even

#### B. Tech

#### Auditee Branch: ECE

Key Aspects	Auditor's Remarks	Principal's Response
Tutorial Log Book	Well maintained as registers corresponding to each batch. Some courses have no recent updates in the register.	Noted
Student to Faculty Ratio (SFR)	19.84 (including first year) 18 (excluding first year)	Noted
CO, PO attainment of immediate past semester (Ensure CO attainment and Quality Loop Closure is done)	Practice is there. For some courses, the faculty completed the attainment calculation, but it is seen as partially completed in HoD login.	Noted
Is Curriculum Gap identified and are any actions taken	Not done. Need more clarifications from IQAC	We will work closely with the IQAC to clarify the procedures and criteria for curriculum gap analysis and take appropriate actions based on their guidance.
Project Evaluation (Please check if Rubrics is created and adhered to)	Rubrics created and the evaluation is done as per the rubrics	Noted
Add - on course of minimum 30 hrs offered by the Department (if any)	1. Fundamentals of Virtuso & Matlab from 03.03.2025 to 07.03.2025 for 20 students	
Research Funding/Consultancy	1. CovBot (2020-21) -CERD – Rs. 60,000/- (5 years) 2. Hearing Aid – CERD - 1.65 Lakhs	





### ***Internal Quality Assurance Cell***

<b>Publications</b> (Journals/Conferences/Book Chapters etc) <ul style="list-style-type: none"> <li>• By faculty</li> <li>• By students <ul style="list-style-type: none"> <li>○ Overlap may arise; please consider both</li> </ul> </li> </ul>	Faculty : SCI – 1, Scopus – 2, Conference - 2	
<b>IPR related activities</b> <ul style="list-style-type: none"> <li>• Awareness</li> <li>• Patent/copyright/trademark <ul style="list-style-type: none"> <li>○ Filed/approved/granted</li> </ul> </li> </ul>	Nil	Concerted efforts are being made by the department in this regard.
<b>Number of Active/Functional MoUs'</b> (Verify if any activity based on the MoU has been organized/attended)	Functional : 6 Active : 3 CADD – Asthra Workshop C-DAC - @ day Training program on NodeMCU CORDS – Internship for working professional	
<b>FDPs attended/Organized in the department</b>	Attended : 29 Organized : 1 ATAL FDP	
<b>Awards/Honors (Mention Students and Faculty separately)</b>	File Maintained	
<b>Success data of passed out students</b> <ul style="list-style-type: none"> <li>• Please mention number of students and relevant data</li> </ul>	42/85 = 49.41	Noted
<b>Placement details of passed out students (Please verify offer letters/documentary evidence)</b>	73/85  Offers – 121 Offer letters are available	Noted
<b>No of students opted for higher studies (Please verify documentary evidence)</b>	3	Noted
<b>Entrepreneurship/Start-Ups</b> <ul style="list-style-type: none"> <li>• By Faculty</li> <li>• By Students (Current &amp; Passed out)</li> </ul>	Nil	Concerted efforts are being made by the department in this regard



### **Internal Quality Assurance Cell**

separately)		
<p>Student participation in various Professional Society Activities</p> <ul style="list-style-type: none"> <li>List of student members in various Professional Societies like IEEE/SAE/ASME etc</li> <li>List of student members from the Department attending various Professional Society activities like IEEE/SAE/ASME etc</li> </ul>	<p>SAE – 3 ASME -10 IEEE – 54</p> <p>SAE – 24 IEEE – 32 ASME - 10</p>	
Staff additional Duties	Maintained in file	
Equipment Log registers in the laboratory	Maintained	
<p>NPTEL/MOOC courses taken by UG/PG students</p> <ul style="list-style-type: none"> <li>Please mention the number of students attended</li> </ul>	<p>MOOC – 9 students 72 students have registered for NASSCOM Digital 101</p>	
Department Library register	<p>Maintained Volume : 371 Titles : 314 Magazines - 13</p>	
Initiatives for advanced learners and for slow learners	<p>Register for slow learners is kept. Impact analysis is missing. Encouraging actions are not given for advanced learners.</p>	Necessary steps will be taken to address these gaps.
Computing facility in the computer Lab	126 computers out of which 120 are high performance computers	
<p>Verification of accuracy of DQAC monthly reports</p> <p>*Monthly reports will be given to the auditors</p>	<p>1. Geotagged photos missing for many events. 2. Placement offer letters are not uploaded completely. 3. Certificates of students participated in</p>	All the required data are available as hard copies in the respective files. The uploading process



### **Internal Quality Assurance Cell**

	cocurricular and extra curricular activities : many are yet to be uploaded	will be completed soon.
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#### **Part B**

<b>Key Aspects</b>	<b>Auditor 's Remarks</b>	<b>Rating</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report <ul style="list-style-type: none"> <li>Please ensure CO-PO mapping of common courses are discussed in the course committee</li> </ul>	Combined register for class committee and Advisory meetings. Conducted 2 class committee meetings for higher semesters and 1 for s2		Noted
Advisory meetings and action taken report	Combined register for class committee and Advisory meetings.		Noted
Result analysis of previous semester	S7 : 48/56 = 85.71 S5 : 29/62 = 46.77 S3 : 33/71 = 46.48 S1 M.Tech (WP) - 100		
Syllabus coverage as per course plan (ERP data)	Covered 75 – 80% syllabus for all courses. The course plan, coverage, and syllabus uploaded by faculty is missing in etlab for Life Skills and Professional Communication (S1). Justification is missing for some courses in etlab.		The justification for courses handled by faculty members from the department has been verified and recorded. However, approval for a few common courses is pending with the concerned committee.
Conduct of laboratory classes with relevant details (ERP data)	Conducted as per time table and data is available		
Conduct of minor/honours classes <ul style="list-style-type: none"> <li>Offered by the Department (Course File?)</li> </ul>	Minor offered by ECE: S4 : 19 S6 : 17 Course files are maintained		



### ***Internal Quality Assurance Cell***

<ul style="list-style-type: none"><li>• Students in the Department<ul style="list-style-type: none"><li>○ Please note number of students registered; continuing the course; courses being offered e.t.c</li></ul></li></ul>	Students of ECE doing minor S4: 28 S6 : 10  Honours: S4: 5, S6 : 3, S8 : 6		
Platforms used for LMS/Course materials and lectures uploaded Please list which tool is being used in the Department	Materials shared using whatsapp		
Conduct of Internal assessments for theory and lab classes	Good		
Maintenance of course file	Maintained. Updating the old files. Some courses are having main file and subfile.		
Register showing activity points	Maintained. Separate file for keeping proof		
Faculty evaluation & remarks of the HoD	Well maintained		

Additional Information: Auditors may please note and report to IQAC

- Scheme of Evaluation for the internal test is not received from CoE
  - Observed a practice of conducting open book test as tutorial
- 
- Are there any innovative teaching practice by any faculty in the department (Quiz, Role Play, Micro project, GDs, etc.) (This is optional; this information will be used to identify and appreciate any faculty who uses different teaching method)



## ***Internal Quality Assurance Cell***

### **IQAC Academic Audit**

#### **BASIC DETAILS**

Auditors' Names	Dr. Praseetha V M, Prof. Al Saheer S S
Date	17.03.2025
Semester	Even

#### **M. Tech (WP)**

#### **Auditee Branch: ECE**

<b>Key Aspects</b>	<b>Auditor's Remarks</b>	<b>Principal's Response</b>
Tutorial Log Book	NA	
Student to Faculty Ratio (SFR)	19.84 (including first year) 18 (excluding first year)	Noted
CO, PO attainment of immediate past semester (Ensure CO attainment and Quality Loop Closure is done)	NA	
Is Curriculum Gap identified and are any actions taken	Not done. Need more clarifications from IQAC	We will work closely with the IQAC to clarify the procedures and criteria for curriculum gap analysis and take appropriate actions based on their guidance.
Project Evaluation (Please check if Rubrics is created and adhered to)	Rubrics created and the evaluation is done as per the rubrics	Noted
Add - on course of minimum 30 hrs offered by the Department (if any)	Nil	Currently, the department does not offer any specific add-on courses of 30 hours for PG students as we have only



### ***Internal Quality Assurance Cell***

		students of Working Professionals batch.
Research Funding/Consultancy	3. CovBot (2020-21) -CERD – Rs. 60,000/- (5 years) 4. Hearing Aid – CERD - 1.65 Lakhs	Noted
Publications (Journals/Conferences/Book Chapters etc) <ul style="list-style-type: none"><li>By faculty</li><li>By students<ul style="list-style-type: none"><li>Overlap may arise; please consider both</li></ul></li></ul>	Faculty : SCI – 1, Scopus – 2, Conference - 2	Noted
IPR related activities <ul style="list-style-type: none"><li>Awareness</li><li>Patent/copyright/trademark<ul style="list-style-type: none"><li>Filed/approved/granted</li></ul></li></ul>	Nil	Concerted efforts are being made by the department in this regard.
Number of Active/Functional MoUs' (Verify if any activity based on the MoU has been organized/attended)	Functional : 6 Active : 3 CADD – Asthra Workshop C-DAC - @ day Training program on NodeMCU CORDS – Internship for working professional	Noted
FDPs attended/Organized in the department	Attended : 29 Organized : 1 ATAL FDP	Noted
Awards/Honors (Mention Students and Faculty separately)	Maintained	Noted
Success data of passed out students <ul style="list-style-type: none"><li>Please mention number of students and relevant data</li></ul>	NA	
Placement details of passed out students (Please verify offer letters/documentary evidence)	NA	
No of students opted for higher studies (Please verify documentary evidence)	NA	



### ***Internal Quality Assurance Cell***

Entrepreneurship/Start-Ups <ul style="list-style-type: none"> <li>By Faculty</li> <li>By Students (Current &amp; Passed out separately)</li> </ul>	Nil	Concerted efforts are being made by the department in this regard.
Student participation in various Professional Society Activities <ul style="list-style-type: none"> <li>List of student members in various Professional Societies like IEEE/SAE/ASME etc</li> <li>List of student members from the Department attending various Professional Society activities like IEEE/SAE/ASME etc</li> </ul>	Nil	Students are actively encouraged to obtain memberships in professional societies to enhance their academic and professional growth.
Staff additional Duties	Maintained in file	Noted
Equipment Log registers in the laboratory	Maintained	Noted
NPTEL/MOOC courses taken by UG/PG students <ul style="list-style-type: none"> <li>Please mention the number of students attended</li> </ul>	Nil	As per the Curriculum, the students are supposed to take MOOC course during their 3 <sup>rd</sup> semester studies.
Department Library register	Maintained Volume : 371 Titles : 314 Magazines - 13	Noted
Initiatives for advanced learners and for slow learners	NA	
Computing facility in the computer Lab	126 computers out of which 120 are high performance computers	Noted



**Internal Quality Assurance Cell**

Verification of accuracy of DQAC monthly reports *Monthly reports will be given to the auditors	NA	
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**Part B**

Key Aspects	Auditor 's Remarks	Rating	Principal's Response
Class/course committee meetings and action taken report <ul style="list-style-type: none"><li>Please ensure CO-PO mapping of common courses are discussed in the course committee</li></ul>	DLAC file maintained		Noted
Advisory meetings and action taken report	DLAC file maintained		Noted
Result analysis of previous semester	100%		Noted
Syllabus coverage as per course plan (ERP data)	Covered 50-60% syllabus for all courses		Noted
Conduct of laboratory classes with relevant details (ERP data)	Data is available		Noted
Conduct of minor/honours classes <ul style="list-style-type: none"><li>Offered by the Department (Course File?)</li><li>Students in the Department<ul style="list-style-type: none"><li>Please note number of students registered; continuing the course; courses being offered e.t.c</li></ul></li></ul>	NA		
Platforms used for LMS/Course materials and lectures uploaded Please list which tool is being used in the Department	Materials shared using whatsapp		Noted
Conduct of Internal assessments for theory and lab classes	Data is available		Noted
Maintenance of course file	Maintained.		Noted





***Internal Quality Assurance Cell***

Register showing activity points	NA		
Faculty evaluation & remarks of the HoD	Well maintained		Noted

Additional Information: Auditors may please note and report to IQAC

Not able to mark attendance in etLab for the course Project Evaluation and Management.

- Are there any innovative teaching practice by any faculty in the department (Quiz, Role Play, Micro project, GDs, etc.) (This is optional; this information will be used to identify and appreciate any faculty who uses different teaching method)



## Internal Quality Assurance Cell

### IQAC Academic Audit

#### BASIC DETAILS

Auditors' Names	Dr. Jyothis Thomas, Dr. Suma Mathew
Date	18/03/2025
Semester	2 <sup>nd</sup> , 4 <sup>th</sup> , 6 <sup>th</sup> & 8 <sup>th</sup> (Even semester of 2024-25)

#### B. Tech/M. Tech/ MBA/ MCA

#### Auditee Branch: B. Tech. EEE

Key Aspects	Auditor's Remarks	Principal's Response
Tutorial Log Book	Maintained	Noted
Student to Faculty Ratio (SFR)	20	
CO, PO attainment of immediate past semester (Ensure CO attainment and Quality Loop Closure is done)	Done	Noted
Is Curriculum Gap identified and are any actions taken	Identified and Actions Taken	Noted
Project Evaluation (Please check if Rubrics is created and adhered to)	Maintained	Noted
Add - on course of minimum 30 hrs offered by the Department (if any)	1 (ongoing)	
Research Funding/Consultancy	Research Funding – NIL Consultancy – 1 lakh	Noted
Publications (Journals/Conferences/Book Chapters etc) <ul style="list-style-type: none"><li>By faculty</li><li>By students<ul style="list-style-type: none"><li>Overlap may arise; please consider both</li></ul></li></ul>	7	Noted



### ***Internal Quality Assurance Cell***

<b>IPR related activities</b> <ul style="list-style-type: none"> <li>• Awareness</li> <li>• Patent/copyright/trademark <ul style="list-style-type: none"> <li>○ Filed/approved/granted</li> </ul> </li> </ul>	1 Course – 2 Faculty 1 Course – 1 Faculty	Noted
<b>Number of Active/Functional MoUs'</b> (Verify if any activity based on the MoU has been organized/attended)	3	Noted
<b>FDPs attended/Organized in the department</b>	FDPs attended - 4	Noted
<b>Awards/Honors (Mention Students and Faculty separately)</b>	Faculty -1 Students -2	Noted
<b>Success data of passed out students</b> <ul style="list-style-type: none"> <li>• Please mention number of students and relevant data</li> </ul>	39% (14/36) B. Tech 2020-2024 Batch	Noted
<b>Placement details of passed out students (Please verify offer letters/documentary evidence)</b>	52.77% (19/36) B. Tech 2020-2024 Batch got placed (30 Offers) (35/59) B. Tech 2021-2025 Batch Offers received	Noted
<b>No of students opted for higher studies (Please verify documentary evidence)</b>	1	Noted
<b>Entrepreneurship/Start-Ups</b> <ul style="list-style-type: none"> <li>• By Faculty</li> <li>• By Students (Current &amp; Passed out separately)</li> </ul>	Start-Ups-16	Noted
<b>Student participation in various Professional Society Activities</b> <ul style="list-style-type: none"> <li>• List of student members in various Professional Societies like IEEE/SAE/ASME etc</li> <li>• List of student members from the</li> </ul>	Student members – 6 Professional Societies Participated – 133	Noted



**Internal Quality Assurance Cell**

Department attending various Professional Society activities like IEEE/SAE/ASME etc		
Staff additional Duties	Maintained	Noted
Equipment Log registers in the laboratory	Maintained	Noted
NPTEL/MOOC courses taken by UG/PG students <ul style="list-style-type: none"> <li>Please mention the number of students attended</li> </ul>	NPTEL – 18 (December 2024)	Noted
Department Library register	Maintained	Noted
Initiatives for advanced learners and for slow learners	Installation – 1 (Advanced learners) Expert Talk-4 (Slow learners)	Noted
Computing facility in the computer Lab	Computers -36	Noted
Verification of accuracy of DQAC monthly reports *Monthly reports will be given to the auditors	Verified	Noted

**Part B**

Key Aspects	Auditor 's Remarks	Rating	Principal's Response
Class/course committee meetings and action taken report <ul style="list-style-type: none"> <li>Please ensure CO-PO mapping of common courses are discussed in the course committee</li> </ul>	Maintained		Noted
Advisory meetings and action taken report	Maintained		Noted
Result analysis of previous semester	S1 – 58%, S3 – 58.33%, S5 – 48.4%, S7 – 64.4%		Noted



### ***Internal Quality Assurance Cell***

Syllabus coverage as per course plan (ERP data)	Maintained		Noted
Conduct of laboratory classes with relevant details (ERP data)	Maintained		Noted
Conduct of minor/honours classes <ul style="list-style-type: none"> <li>Offered by the Department (Course File?)</li> <li>Students in the Department <ul style="list-style-type: none"> <li>Please note number of students registered; continuing the course; courses being offered e.t.c</li> </ul> </li> </ul>	Minor – S3-17, S5-9, S7-9  Honours – S4-7, S6-1, S8-2		Noted
Platforms used for LMS/Course materials and lectures uploaded Please list which tool is being used in the Department	Maintained		Noted
Conduct of Internal assessments for theory and lab classes	Maintained		Noted
Maintenance of course file	Maintained		Noted
Register showing activity points	Maintained		Noted
Faculty evaluation & remarks of the HoD	Maintained Institutional feedback - Maintained		Noted

Additional Information: Auditors may please note and report to IQAC

- Are there any innovative teaching practice by any faculty in the department (Quiz, Role Play, Micro project, GDs, etc.) (This is optional; this information will be used to identify and appreciate any faculty who uses different teaching method)  
Innovative Teaching Methods – System Design by Prof. P. V. Varkey, Professor Emeritus Dept of EEE  
Real time Project – S8 B. Tech. EEE – Faculty Advisor  
Model Creation – Er. Anoopraj M. R., Asst. Prof., EEE



**Internal Quality Assurance Cell**  
**IQAC Academic Audit**

**BASIC DETAILS**

Auditors' Names	Dr< Abyson Scaria, Mr. Sreesh P R
Date	17/03/2025
Semester	Even Semester 2024-2025 - First Internal Audit.

**B. Tech/M. Tech/ MBA/ MCA**

**Auditee Branch: Electronics and Computer Engineering**

Key Aspects	Auditor's Remarks	Principal's Response
Tutorial Log Book	All entries are up to date	
Student to Faculty Ratio (SFR)	Excluding first year – 1: 20	
CO, PO attainment of immediate past semester (Ensure CO attainment and Quality Loop Closure is done)	The CO quality loop for all courses is up to date except for one course, which is partially completed	Will be verified and completed
Is Curriculum Gap identified and are any actions taken	The first batch is in the final semester only, the gap identification process is started.	
Project Evaluation (Please check if Rubrics is created and adhered to)	Rubrics are created as per the university's prescribed format.	
Add - on course of minimum 30 hrs offered by the Department (if any)	No courses were conducted this semester	
Research Funding/Consultancy	No funding this semester	
Publications (Journals/Conferences/Book Chapters etc) <ul style="list-style-type: none"><li>By faculty</li><li>By students<ul style="list-style-type: none"><li>Overlap may arise; please consider both</li></ul></li></ul>	Faculty 2024-25 1 Int. National Conference.  Students 2024-25 AY – 7 students presented paper in Int. Conference.	



### **Internal Quality Assurance Cell**

<b>IPR related activities</b> <ul style="list-style-type: none"> <li>• Awareness</li> <li>• Patent/copyright/trademark <ul style="list-style-type: none"> <li>○ Filed/approved/granted</li> </ul> </li> </ul>	1 Faculty attended IPR related FDP	
Number of <b>Active/Functional MoUs'</b> (Verify if any activity based on the MoU has been organized/attended)	2 MOUs, Both are common to college, one with ASAP and the other with Infosys spring Board. Events are conducted based on the MOUs, so both are Active	
FDPs attended/Organized in the department	FDPs attended: 04, attendees: 17 Organized: Nil MOOC : 3	
Awards/Honors ( <b>Mention Students and Faculty separately</b> )	4 students received 'Awards/Honors' this semester as part of various events organized by Professional Societies, other Colleges, etc.	
Success data of passed out students <ul style="list-style-type: none"> <li>• Please mention number of students and relevant data</li> </ul>	Not applicable because the first batch is in the final semester only.	
Placement details of passed out students ( <b>Please verify offer letters/documentary evidence</b> )	Not applicable because the first batch is in the final semester only	
No of students opted for higher studies ( <b>Please verify documentary evidence</b> )	Not applicable because the first batch is in the final semester only.	
Entrepreneurship/Start-Ups <ul style="list-style-type: none"> <li>• By Faculty</li> <li>• By Students (Current &amp; Passed out separately)</li> </ul>	This semester no initiatives related to Entrepreneurship/start-up initiatives.	
Student participation in various Professional Society Activities <ul style="list-style-type: none"> <li>• List of student members in various Professional</li> </ul>	Student membership details have been verified.  4 members in IEEE, 1 member ASME and 10 members in ISNEE  Active participation of students is evident	



### ***Internal Quality Assurance Cell***

<p>Societies like IEEE/SAE/ASME etc</p> <ul style="list-style-type: none"> <li>List of student members from the Department attending various Professional Society activities like IEEE/SAE/ASME etc</li> </ul>	<p>in various programs, Like IEEE Events, ISNEE events Documentation and records are well-maintained.</p>	
<p>Staff additional Duties</p>	<p>Records of staff additional duties have been verified and are well-maintained.</p>	
<p>Equipment Log registers in the laboratory</p>	<p>Equipment log registers in the laboratories are maintained appropriately.</p>	
<p>NPTEL/MOOC courses taken by UG/PG students</p> <ul style="list-style-type: none"> <li>Please mention the number of students attended</li> </ul>	<p>As of this academic year, 27 students have registered for NPTEL MOOC courses, and 22 student certified the MOOC Course</p>	
<p>Department Library register</p>	<p>The departmental library maintains a collection of 305 books. 239 books are in the library and 66 books were donated to the library by a faculty</p>	
<p>Initiatives for advanced learners and for slow learners</p>	<p>These have been implemented across all semesters for identifying the slow learners but initiatives are less to promote the advanced learners.</p>	
<p>The computing facility in the Computer Lab</p>	<p>39 Computers</p>	
<p>Verification of accuracy of DQAC monthly reports</p> <p>*Monthly reports will be given to the auditors</p>	<p>Reports have been verified with data and supporting documents available in both soft and hard copies. While uniformity has been maintained as per the IQAC guidelines in most cases, a few instances require attention to ensure complete compliance.</p>	





### ***Internal Quality Assurance Cell***

<b>Key Aspects</b>	<b>Auditor 's Remarks</b>	<b>Rating</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report <ul style="list-style-type: none"> <li>Please ensure CO-PO mapping of common courses are discussed in the course committee</li> </ul>	The class committee meetings and action taken reports have been verified and were conducted as per the scheduled calendar. However, dated signatures were not observed in the records.	Very Good	Will rectify for the future Class and Course committee meetings
Advisory meetings and action taken report	Advisory meetings were conducted regularly. However, dated signatures were not observed in the records.	Very Good	Will rectify for the future meetings
Result analysis of previous semester	Result analyses are done every semester and are well documented.	Very Good	
Syllabus coverage as per course plan (ERP data)	The syllabus coverage, as per the course plan (ERP data), has been reviewed and is excellent.	Excellent	
Conduct of laboratory classes with relevant details (ERP data)	The syllabus coverage, as per the course plan (ERP data), has been reviewed and is excellent.	Excellent	
Conduct of minor/honours classes <ul style="list-style-type: none"> <li>Offered by the Department (Course File?)</li> <li>Students in the Department <ul style="list-style-type: none"> <li>Please note number of students registered; continuing the course; courses being offered e.t.c</li> </ul> </li> </ul>	No Courses offered by the Department  <u>Number of students attending Minor</u> S4 – 35 S6 – 04 S8-25 <u>Number of students attending Honours</u> S4 – 04 S6 – 03 S8 – 07	Very Good	Minor and Honours files are maintained and were verified during the audit
Platforms used for LMS/Course materials and lectures uploaded Please list which tool is being used in the Department	Lecture materials for all the are properly distributed among students. For KTU batches up to the 4 <sup>th</sup> Module and for the autonomous batch up to the 2 <sup>nd</sup> Module.	Very good	All materials distributed are up to date
Conduct of Internal assessments for theory and lab classes	The internal assessments for both theory and lab classes are conducted in line with the academic calendar.	Excellent	
Maintenance of course file	Very well maintained in most of the cases, few omissions are noted in some course files.	Very good	Will check and rectify
Register showing activity points	Separate registers are maintained for activity points for all semesters.	Excellent	
Faculty evaluation & remarks of the HoD	The first faculty evaluation has been completed and the remarks provided by the HoD have been duly recorded and maintained the file as well.	Excellent	

Additional Information: Auditors may please note and report to IQAC



### ***Internal Quality Assurance Cell***

- The department name is missing in a few internal exam question papers of the current (Even) semester.
- A few signatures are missing in some of the documents.

Response

Will ensure the compliance in future.



## Internal Quality Assurance Cell

### IQAC Academic Audit

#### BASIC DETAILS

Auditors' Names	Dr. Renjith Thomas, Shilpa Lizbeth George
Date	18/03/2025
Semester	Even 2024-2025

#### Auditee Branch: MBA

Key Aspects	Auditor's Remarks	Principal's Response
Tutorial Log Book	NA	
Student to Faculty Ratio (SFR)	1:15 (8: 96)	Good
CO, PO attainment of immediate past semester (Ensure CO attainment and Quality Loop Closure is done)	Excellent	
Is Curriculum Gap identified and are any actions taken	CO & PO attainment has been done for 2022-2024 Batch. PO attainment gap has been identified & actions taken (BAS study, Case study, Expert talk, Industrial Visit etc)	Good.
Project Evaluation (Please check if Rubrics is created and adhered to)	Excellent	
Add - on course of minimum 30 hrs offered by the Department (if any)	Add-on course conducted by Strategist (30 hrs). Materials, Evaluation documents, Feedbacks & certificates issued are filed.	Very Good.
Research Funding/Consultancy	Nil	Department needs to do the consultancy work
Publications (Journals/Conferences/Book Chapters etc) <ul style="list-style-type: none"><li>By faculty</li><li>By students<ul style="list-style-type: none"><li>Overlap may arise; please consider both</li></ul></li></ul>	By Faculty – 7 (1 Scopus) By Students – 4 (overlap = 4)	More publications need to be done.



### **Internal Quality Assurance Cell**

IPR related activities <ul style="list-style-type: none"> <li>Awareness</li> <li>Patent/copyright/trademark <ul style="list-style-type: none"> <li>Filed/approved/granted</li> </ul> </li> </ul>	Nil	
Number of Active/Functional MoUs' (Verify if any activity based on the MoU has been organized/attended)	Active MoUs = 3 No. of activities organized = 3 No. of activities attended = 0	Activities to be attended by the students and faculty members.
FDPs attended/Organized in the department	Attended = 17 Organized = 0	Needs to organize an FDP in collaboration with Foreign university
Awards/Honors (Mention Students and Faculty separately)	Faculty = 2 (1 publication & 1 NPTEL star) Students = 2 (Prizes received)	Good
Success data of passed out students <ul style="list-style-type: none"> <li>Please mention number of students and relevant data</li> </ul>	No. of students passed = 41 Total no. of students = 44 Cumulative pass % = 93.18%	Good. Can improve the result
Placement details of passed out students (Please verify offer letters/documentary evidence)	No. of students placed (with proof) = 20 Total No. of students placed (some proof missing) = 35 Total no. of students = 44	Needs to work for better placements.
No of students opted for higher studies (Please verify documentary evidence)	No of students into higher studies = 1 (yet to collect proof) Total no. of students = 44	Proof need to be collected.
Entrepreneurship/Start-Ups <ul style="list-style-type: none"> <li>By Faculty</li> <li>By Students (Current &amp; Passed out separately)</li> </ul>	Nil	Need to work and take initiative for students' start-ups
Student participation in various Professional Society Activities <ul style="list-style-type: none"> <li>List of student members in various Professional Societies like IEEE/SAE/ASME etc</li> <li>List of student members from the Department</li> </ul>	NA  NA	Needs to take membership in Associations for students activities.



### ***Internal Quality Assurance Cell***

attending various Professional Society activities like IEEE/SAE/ASME etc		
Staff additional Duties	Excellent (All staff related-orders maintained as separate file)	Good
Equipment Log registers in the laboratory	NA	
NPTEL/MOOC courses taken by UG/PG students <ul style="list-style-type: none"> <li>Please mention the number of students attended</li> </ul>	<b>S4 MBA:</b> No. of certifications (with proof) = 36 Total no. of students = 40 <b>S2 MBA:</b> No. of students enrolled = 56 (as the exams aren't announced, proof not available) Total no. of students = 56	Good.
Department Library register	No. of books = 412 No of Volumes = data not available	Good. Maintain records of books
Initiatives for advanced learners and for slow learners	Excellent (All proofs filed)	Good.
Computing facility in the computer Lab	Open-source software = 0 Licensed Software = 1	
Verification of accuracy of DQAC monthly reports *Monthly reports will be given to the auditors	Verified & no discrepancies were found	Good.

### **Part B**

<b>Key Aspects</b>	<b>Auditor 's Remarks</b>	<b>Rating</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report <ul style="list-style-type: none"> <li>Please ensure CO-PO mapping of common courses are discussed in the course committee</li> </ul>	Class/course committee meetings and action taken report - Excellent PTA meeting details & proof maintained as a separate file. No. of PTA meetings conducted for 24-26 Batch MBA during CAY = 1 (online) + 1 (Offline) = 2 No. of PTA meetings conducted for 23-25	Good.	



**Internal Quality Assurance Cell**

	Batch MBA during CAY = 1 (Offline)		
Advisory meetings and action taken report	Documentation of action taken for meetings is found to be missing.		Action taken included
Result analysis of previous semester	S1 = 76.8% S3 = 92.5% File maintained		
Syllabus coverage as per course plan (ERP data)	Verified and found to be in adherence with the course plan.		
Conduct of laboratory classes with relevant details (ERP data)	NA		
Conduct of minor/honours classes <ul style="list-style-type: none"><li>Offered by the Department (Course File?)</li><li>Students in the Department<ul style="list-style-type: none"><li>Please note number of students registered; continuing the course; courses being offered e.t.c</li></ul></li></ul>	NA		
Platforms used for LMS/Course materials and lectures uploaded Please list which tool is being used in the Department	Etlab	Good	Good
Conduct of Internal assessments for theory and lab classes	Verified and found to be conducted as per the prescribed schedule.		
Maintenance of course file	Excellent	Very Good.	Very Good.
Register showing activity points	NA	NA	NA
Faculty evaluation & remarks of the HoD	Excellent	Very Good	Very Good

Additional Information: Auditors may please note and report to IQAC

- Are there any innovative teaching practice by any faculty in the department (Quiz, Role Play, Micro project, GDs, etc.) (This is optional; this information will be used to identify and appreciate any faculty who uses different teaching method)

Auditor



## ***Internal Quality Assurance Cell***

### **IQAC Academic Audit**

#### **BASIC DETAILS**

Auditors' Names	Dr. Ance Mathew, Mr. Jacob Thomas
Date	15/3/25
Semester	S2, S4

### **B. Tech/M. Tech/ MBA/ MCA**

#### **Auditee Branch: MCA**

<b>Key Aspects</b>	<b>Auditor's Remarks</b>	<b>Principal's Response</b>
Tutorial Log Book	Well maintained	
Student to Faculty Ratio (SFR)	1:20	
CO, PO attainment of immediate past semester (Ensure CO attainment and Quality Loop Closure is done)	Completed	
Is Curriculum Gap identified and are any actions taken	Yes	
Project Evaluation (Please check if Rubrics is created and adhered to)	Yes	
Add - on course of minimum 30 hrs offered by the Department (if any)	Yes	
Research Funding/Consultancy	Nil	Encouraged the faculty to get some funding from different possible agencies. 3 full time research scholars in our dept



### **Internal Quality Assurance Cell**

		receiving APJAKTUDF , 25000/- per month (3*25000) under the guidance of Dr. Rahul Shajan
<b>Publications</b> (Journals/Conferences/Book Chapters etc) <ul style="list-style-type: none"> <li>By faculty</li> <li>By students <ul style="list-style-type: none"> <li>Overlap may arise; please consider both</li> </ul> </li> </ul>	Faculty: 4 Students: Nil	
<b>IPR related activities</b> <ul style="list-style-type: none"> <li>Awareness</li> <li>Patent/copyright/trademark <ul style="list-style-type: none"> <li>Filed/approved/granted</li> </ul> </li> </ul>	Nil	Planned to conduct an awareness programme in this even semester itself
<b>Number of Active/Functional MoUs'</b> (Verify if any activity based on the MoU has been organized/attended)	Total Mou: 4 Active: 1 (Disha Software Info. Solutions)	
<b>FDPs attended/Organized in the department</b>	FDPs attended: 3, Organized in the department: Nil	
<b>Awards/Honors (Mention Students and Faculty separately)</b>	Awards/Honors Faculty: Net qualified-1, Ph.D. admission-1. Awards/Honors Students: 10	
<b>Success data of passed out students</b> <ul style="list-style-type: none"> <li>Please mention number of students and relevant data</li> </ul>	2024 Batch final sem. Pass percentage: 100, Cumulative pass percentage: 91.22	
<b>Placement details of passed out students (Please verify offer letters/documentary evidence)</b>	15	





**Internal Quality Assurance Cell**

No of students opted for higher studies (Please verify documentary evidence)	3	
Entrepreneurship/Start-Ups <ul style="list-style-type: none"> <li>By Faculty</li> <li>By Students (Current &amp; Passed out separately)</li> </ul>	NIL	Conducted an Entrepreneurship/Start-Ups related awareness program in connection with IEDC for first year students
Student participation in various Professional Society Activities <ul style="list-style-type: none"> <li>List of student members in various Professional Societies like IEEE/SAE/ASME etc</li> <li>List of student members from the Department attending various Professional Society activities like IEEE/SAE/ASME etc</li> </ul>	List of student members in various Professional Societies : CSI- active participation  List of student members from the Department attending various Professional Society activities: Nil	Encouraged the first year Int MCA students to join in CSI
Staff additional Duties	Well maintained	
Equipment Log registers in the laboratory	Well maintained	
NPTEL/MOOC courses taken by UG/PG students <ul style="list-style-type: none"> <li>Please mention the number of students attended</li> </ul>	Faculty: 2 Students: 3	Many of the students are attending the courses and waiting for the result
Department Library register	782 books	



### **Internal Quality Assurance Cell**

Initiatives for advanced learners and for slow learners	List maintained	We have a department policy for slow learners and advanced learners and as per the policy we are executing the action plan
Computing facility in the computer Lab	62 systems	
Verification of accuracy of DQAC monthly reports *Monthly reports will be given to the auditors	Some proofs need to be rectified. (students participated in co-curricular/extracurricular activities, students received placements)	All updated

### **Part B**

<b>Key Aspects</b>	<b>Auditor 's Remarks</b>	<b>Rating</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report <ul style="list-style-type: none"> <li>Please ensure CO-PO mapping of common courses are discussed in the course committee</li> </ul>	Well Maintained.		
Advisory meetings and action taken report	Well Maintained.		
Result analysis of previous semester	Well Maintained.		
Syllabus coverage as per course plan (ERP data)	Properly entered		
Conduct of laboratory classes with relevant details (ERP data)	Properly entered		
Conduct of minor/honours classes <ul style="list-style-type: none"> <li>Offered by the Department (Course File?)</li> </ul>	NA		



***Internal Quality Assurance Cell***

<ul style="list-style-type: none"><li>• Students in the Department<ul style="list-style-type: none"><li>○ Please note number of students registered; continuing the course; courses being offered e.t.c</li></ul></li></ul>			
Platforms used for LMS/Course materials and lectures uploaded Please list which tool is being used in the Department	Yes, through ETLAB, Google drive		
Conduct of Internal assessments for theory and lab classes	Properly conducted		
Maintenance of course file	Well maintained		
Register showing activity points	NA		
Faculty evaluation & remarks of the HoD	Well maintained		

Additional Information: Auditors may please note and report to IQAC

- Are there any innovative teaching practice by any faculty in the department (Quiz, Role Play, Micro project, GDs, etc.) (This is optional; this information will be used to identify and appreciate any faculty who uses different teaching method)



## ***Internal Quality Assurance Cell***

### **IQAC Academic Audit**

#### **BASIC DETAILS**

Auditors' Names	Dr. Giby Jose, Mr. Akhil Sekharan
Date	18/03/2025
Semester	Even

### **B. Tech/M. Tech/ MBA/ MCA**

#### **Auditee Branch: Mechanical Engineering**

<b>Key Aspects</b>	<b>Auditor's Remarks</b>	<b>Principal's Response</b>
Tutorial Log Book	Verified	
Student to Faculty Ratio (SFR)	20.67	
CO, PO attainment of immediate past semester (Ensure CO attainment and Quality Loop Closure is done)	Verified	
Is Curriculum Gap identified and are any actions taken	Gap identified Action taken - not done	Action Taken is mentioned in the Closure Loop.
Project Evaluation (Please check if Rubrics is created and adhered to)	Verified	
Add - on course of minimum 30 hrs offered by the Department (if any)	2	
Research Funding/Consultancy	CERD funding – Rs.24180 Consultancy – Rs. 1400	
Publications (Journals/Conferences/Book Chapters etc)	<b>Faculty</b> Journal – 4 Conference Proceedings – 2	Instructed the Faculty and Final



### ***Internal Quality Assurance Cell***

<ul style="list-style-type: none"> <li>By faculty</li> <li>By students <ul style="list-style-type: none"> <li>Overlap may arise; please consider both</li> </ul> </li> </ul>	Students - Nil	Year students to communicate papers.
<b>IPR related activities</b> <ul style="list-style-type: none"> <li>Awareness</li> <li>Patent/copyright/trademark <ul style="list-style-type: none"> <li>Filed/approved/granted</li> </ul> </li> </ul>	Nil	Awareness will be given to the students in next semester
Number of <b>Active/Functional MoUs'</b> (Verify if any activity based on the MoU has been organized/attended)	Active MoUs - 4	
FDPs attended/Organized in the department	<b>FDPs attended</b> Five days – 31 3 days – 7 FDP – organized - 1	
Awards/Honors (Mention Students and Faculty separately)	Faculty – 2 Student - 1	
Success data of passed out students <ul style="list-style-type: none"> <li>Please mention number of students and relevant data</li> </ul>	49% (49/100)	
Placement details of passed out students (Please verify offer letters/documentary evidence)	77 students	
No of students opted for higher studies (Please verify documentary evidence)	Nil	
<b>Entrepreneurship/Start-Ups</b> <ul style="list-style-type: none"> <li>By Faculty</li> <li>By Students (Current &amp; Passed out separately)</li> </ul>	Faculty – 1 Current student – 1 Passed out student - 1	
Student participation in various Professional Society Activities	<b>Membership</b> ASME – 49 students SAEINDIA – 68 students	



### **Internal Quality Assurance Cell**

<ul style="list-style-type: none"> <li>List of student members in various Professional Societies like IEEE/SAE/ASME etc</li> <li>List of student members from the Department attending various Professional Society activities like IEEE/SAE/ASME etc</li> </ul>	<p>ISHMT – 94 students</p> <p><b>Participation</b></p> <p>SAEINDIA – 17 students</p>	
Staff additional Duties	Verified	
Equipment Log registers in the laboratory	Verified	
<p>NPTEL/MOOC courses taken by UG/PG students</p> <ul style="list-style-type: none"> <li>Please mention the number of students attended</li> </ul>	<p>Enrolled – 36 students</p> <p>Certification – 21 students</p>	
Department Library register	Verified (2045 books)	
Initiatives for advanced learners and for slow learners	<p><b>CGPA &gt; 8 – Advanced learners</b></p> <p>Advised to actively participate in professional society activities and monitored</p> <p>Slow learners – failed in <math>\geq 3</math> subjects in first internal</p> <p>Conducting remedial classes and maintained records.</p>	
Computing facility in the computer Lab	51 Computers in the Lab	
<p>Verification of accuracy of DQAC monthly reports</p> <p>*Monthly reports will be given to the auditors</p>	<p>Verified.</p> <p>No report for 2 FDPs in the month of February 2025</p>	Report of FDPs is incorporated

### **Part B**

<b>Key Aspects</b>	<b>Auditor 's Remarks</b>	<b>Ratin</b>	<b>Principal's</b>
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### Internal Quality Assurance Cell

		g	Response																								
Class/course committee meetings and action taken report <ul style="list-style-type: none"> <li>Please ensure CO-PO mapping of common courses are discussed in the course committee</li> </ul>	Sign missing in S2 class committee minutes  CO-PO mapping of Engineering Entrepreneurship and IPR not discussed in the course committee.		Signs are included in the reports.  Instruction has been given to the Chairman to discuss the mapping of CO-PO in the next meeting.																								
Advisory meetings and action taken report	Very good		Minor corrections have been done																								
Result analysis of previous semester	S7 – 51.72 (45/87) S5 – 52.2 (48/92) S3 – 37.68 (26/69) S1 – 49.2(31/63)		Special classes have been planned during the End Sem. Exams to improve the results.																								
Syllabus coverage as per course plan (ERP data)	Very good		Minor corrections have been done.																								
Conduct of laboratory classes with relevant details (ERP data)	Excellent																										
Conduct of minor/honours classes <ul style="list-style-type: none"> <li>Offered by the Department (Course File?)</li> <li>Students in the Department <ul style="list-style-type: none"> <li>Please note number of students registered; continuing the course; courses being offered e.t.c</li> </ul> </li> </ul>	<b>Minor</b> Course file verified  <table border="1"> <tr> <td></td><td>S4</td><td>S6</td><td>S8</td></tr> <tr> <td>Registered</td><td>23</td><td>77</td><td>43</td></tr> <tr> <td>Continuing</td><td>23</td><td>18</td><td>9</td></tr> </table> <b>Honours</b>  <table border="1"> <tr> <td></td><td>S4</td><td>S6</td><td>S8</td></tr> <tr> <td>Registered</td><td>8</td><td>14</td><td>3</td></tr> <tr> <td>Continuing</td><td>8</td><td>4</td><td>1</td></tr> </table>		S4	S6	S8	Registered	23	77	43	Continuing	23	18	9		S4	S6	S8	Registered	8	14	3	Continuing	8	4	1		
	S4	S6	S8																								
Registered	23	77	43																								
Continuing	23	18	9																								
	S4	S6	S8																								
Registered	8	14	3																								
Continuing	8	4	1																								
Platforms used for LMS/Course materials and lectures uploaded  Please list which tool is being used in the Department	LMS is used for placement Course materials are uploaded in etlab																										
Conduct of Internal assessments for theory and lab classes	Excellent																										



***Internal Quality Assurance Cell***

Maintenance of course file	Excellent		
Register showing activity points	Excellent		
Faculty evaluation & remarks of the HoD	Verified		

Additional Information: Auditors may please note and report to IQAC

No. M.Tech. Students

- Are there any innovative teaching practice by any faculty in the department (Quiz, Role Play, Micro project, GDs, etc.) (This is optional; this information will be used to identify and appreciate any faculty who uses different teaching method)





***Internal Quality Assurance Cell***

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Institution Name	ST. JOSEPH'S COLLEGE OF ENGINEERING & TECHNOLOGY, PALAI
Auditors Name and Address	Dr. George Tom Varghese & Mr. Justine Thomas
Date of Visit:	15 <sup>th</sup> March 2025
Semester Type: Even/Odd	Even Semester

**College Specific Assessments**

<b>Key Aspects</b>	<b>Check Points</b>	<b>Auditor's Remarks</b>	<b>Rating</b>	<b>Principal's Response</b>
Compliance to the Academic Calendar of			Excellent	Found good



***Internal Quality Assurance Cell***

KTU				
Functioning of students grievances and appeal committee		Auditors reported to IQAC that the meetings of the proposed committee should be conducted at least once in six months, even though no complaints are received.	Good	Noted
Functioning of Academic Discipline & Welfare committee		Auditors reported to IQAC that the committee name should be changed to Academic Discipline & Welfare committee	Good	Noted
Facility for co- curricular and extracurricular activities		Sufficient facility is available for co-curricular and extra-curricular activities.	Excellent	Found good
Average student to faculty ratio		1.067	Excellent	Need clarification
Faculty Retention		Average SFR is greater than 1	Excellent	Need clarification
Faculty Qualification Index		5.96	Good (>5.5)	Noted
Number of qualified technical staff		37	Excellent	Found good
Facility of central library with respect to volume and title of books, online & print journals		Sufficient facility is available	Excellent	Found good
Functioning of IQAC and progress of IQAC report uploading		Well maintained	Excellent	Found good, New IQAC Report will be uploaded
Institution Budget		Well maintained.	Excellent	Found good
Details of central computing facility		Facility is available	Excellent	Found good



***Internal Quality Assurance Cell***

Principal's response on previous audit reports		Well maintained.	Excellent	Found good
COE office audit		23 files and 13 registers are there in the COE office. The files and registers are well maintained.	Excellent	Found good
Finance audit		2023-2024 financial year Audited statements are available. Since the current financial year is not completed, the audited statements for the financial year 2024-2025 are to be ready in the near future.	Excellent	Found good



## **Internal Quality Assurance Cell**

### **IQAC Academic Audit**

#### **BASIC DETAILS**

Auditors' Names	Dr. Binoy Baby and Ms. Liz George
Date	17.03.2025
Semester	Even

#### **B. Tech/M. Tech/ MBA/ MCA**

**Auditee Branch:** .....Science and Humanities.....

Key Aspects	Auditor's Remarks	Principal's Response
Tutorial Log Book	NA	
Student to Faculty Ratio (SFR)	SFR = 19.36	
CO, PO attainment of immediate past semester (Ensure CO attainment and Quality Loop Closure is done)	Maintained Properly	
Is Curriculum Gap identified and are any actions taken	NA	
Project Evaluation (Please check if Rubrics is created and adhered to)	NA	
Add - on course of minimum 30 hrs offered by the Department (if any)	NA	
Research Funding/Consultancy	NIL	
Publications (Journals/Conferences/Book Chapters etc) <ul style="list-style-type: none"><li>• By faculty</li><li>• By students<ul style="list-style-type: none"><li>○ Overlap may arise; please consider both</li></ul></li></ul>	1 Paper accepted and 1 paper communicated by Faculty	



**Internal Quality Assurance Cell**

<b>IPR related activities</b> <ul style="list-style-type: none"> <li>• Awareness</li> <li>• Patent/copyright/trademark <ul style="list-style-type: none"> <li>○ Filed/approved/granted</li> </ul> </li> </ul>	NIL	
<b>Number of Active/Functional MoUs'</b> (Verify if any activity based on the MoU has been organized/attended)	NIL	
<b>FDPs attended/Organized in the department</b>	Attended 7 FDPs and 5 Symposium	
<b>Awards/Honors (Mention Students and Faculty separately)</b>	NIL	
<b>Success data of passed out students</b> <ul style="list-style-type: none"> <li>• Please mention number of students and relevant data</li> </ul>	NA	
<b>Placement details of passed out students (Please verify offer letters/documentary evidence)</b>	NA	
<b>No of students opted for higher studies (Please verify documentary evidence)</b>	NA	
<b>Entrepreneurship/Start-Ups</b> <ul style="list-style-type: none"> <li>• By Faculty</li> <li>• By Students (Current &amp; Passed out separately)</li> </ul>	NIL	
<b>Student participation in various Professional Society Activities</b> <ul style="list-style-type: none"> <li>• List of student members in various Professional Societies like IEEE/SAE/ASME etc</li> <li>• List of student members from the</li> </ul>	NA	



### ***Internal Quality Assurance Cell***

Department attending various Professional Society activities like IEEE/SAE/ASME etc		
Staff additional Duties	Maintained the document properly	
Equipment Log registers in the laboratory	Maintained Properly	
NPTEL/MOOC courses taken by UG/PG students <ul style="list-style-type: none"> <li>Please mention the number of students attended</li> </ul>	NA	
Department Library register	NA	
Initiatives for advanced learners and for slow learners	NA	
Computing facility in the computer Lab	NIL	
Verification of accuracy of DQAC monthly reports *Monthly reports will be given to the auditors	Maintained the reports Properly	

### **Part B**

<b>Key Aspects</b>	<b>Auditor 's Remarks</b>	<b>Rating</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report <ul style="list-style-type: none"> <li>Please ensure CO-PO mapping of common courses are discussed in the course committee</li> </ul>	Well-maintained	5	
Advisory meetings and action taken report	NA		
Result analysis of previous semester	Well-maintained	5	



***Internal Quality Assurance Cell***

Syllabus coverage as per course plan (ERP data)	Well-Maintained.	5	
Conduct of laboratory classes with relevant details (ERP data)	Maintained. Lab evaluation marks are to be entered by some faculty	4	Noted
Conduct of minor/honours classes <ul style="list-style-type: none"><li>Offered by the Department (Course File?)</li><li>Students in the Department<ul style="list-style-type: none"><li>Please note number of students registered; continuing the course; courses being offered e.t.c</li></ul></li></ul>	NA		
Platforms used for LMS/Course materials and lectures uploaded Please list which tool is being used in the Department	Maintained in ETLab	5	
Conduct of Internal assessments for theory and lab classes	Well-Maintained	5	
Maintenance of course file	Maintained. Some Faculty members are not completed the Justification, Mapping etc	4	Noted
Register showing activity points	NA		
Faculty evaluation & remarks of the HoD	NA		

Additional Information: Auditors may please note and report to IQAC

- Are there any innovative teaching practice by any faculty in the department (Quiz, Role Play, Micro project, GDs, etc.) (This is optional; this information will be used to identify and appreciate any faculty who uses different teaching method)