

# IQAC report Submitted to Principal (Actual)

## ACADEMIC E-AUDIT REPORT

2020-2021

Date: 06/11/2021

### BASIC DETAILS

<b>Institution Name</b>	Ilahia College Of Engineering And Technology, Mulavoor
<b>Auditors/IQAC Name</b>	Dr.Anoopa Jose Chittilappilly, Ms Nisha Shamsudin and Audit Team
<b>Dates</b>	01/11/2021 and 02/11/2021
<b>Semester Type</b>	EVEN

IQAC -ICET audit was conducted in this period of COVID Pandemic for the Academic year 2020-2021 even semester. As per the KTU Academic Rules and Regulation guidelines the following documents are verified.

### COLLEGE SPECIFIC DOCUMENTS

Key Aspects	Rating	Auditor Remarks
Compliance to the Academic Calendar of KTU	<b>Excellent</b>	Files are maintained under Academic Coordinator.
Functioning of students grievances and appeal committee	<b>GOOD</b>	Student grievance cell need to be more active.
Average student to faculty ratio	<b>EXCELLENT</b>	<b>SFR=1.06</b> <b>As on date 06/11/2021</b>
Faculty Qualification Index	<b>POOR</b>	<b>FQ=4.86</b> <b>As on date 06/11/2021</b>
Number of qualified technical staff	<b>EXCELLENT</b>	Sufficient number of Technical staffs Are available
Facility of central library with respect to volume and title of books, online & print journals	<b>GOOD</b>	Need to increase volume of books yearly.
Functioning of IQAC and progress of IQAC report uploading	<b>GOOD</b>	IQAC composition meeting to be done at earliest in this 2020-2021 academic year.

*Note: Excellent-5, Good-4, Fair-3, Poor-2, Very poor-1*

**B.TECH**

## IQAC report Submitted to Principal (Actual)

### BRANCH: CIVIL

Key Aspects	Rating	Auditor Remarks
Class/ course committee meetings and action taken report	<b>EXCELLENT</b>	Two class committee conducted and action taken report is maintained
Advisory meetings and action taken report	<b>EXCELLENT</b>	DAC meeting was done in this semester.
Result analysis of previous odd semester	<b>FAIR</b>	Qualitative result analysis conducted.
Syllabus coverage as per course plan	<b>EXCELLENT</b>	Compliance with KTU calendar is good
Conduct of laboratory classes with relevant details	<b>GOOD</b>	Laboratory classes are conducted through online mode but not satisfactory.
Conduct of minor/honours classes	<b>EXCELLENT</b>	Compliance with KTU calendar is good
Platform used for LMS/Course materials and lectures uploaded	<b>GOOD</b>	Vmedulife LMS are used by all faculties.
NPTEL/SWAYAM course materials recommended for reading	<b>GOOD</b>	Student are registering but not attending exams.
Conduct of Internal assessments for theory and lab classes	<b>GOOD</b>	Theory Internal assessments (series tests) are done. But lab classes internal assessment are not encouraged
The mechanisms for taking feedback as to whether the online classes are effective	<b>EXCELLENT</b>	Two feedbacks are collected from students regarding the same
Conduct of series tests	<b>EXCELLENT</b>	As per the ICET exam cell guidance, series tests are conducted through vmedulife ERP. But grading marks in vmedulife is not done for more subjects.
Maintenance of course diary	<b>EXCELLENT</b>	Except first year physical course diary maintenance was good for all the subjects
Register showing activity points	<b>GOOD</b>	Register showing activity point is not completed due to pandemic.
Online Faculty evaluation & remarks of the HoD	<b>EXCELLENT</b>	Action Taken is report is done.

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### M.TECH

**BRANCH: CIVIL**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>
Class committee meetings and action taken report	<b>EXCELLENT</b>	
Result analysis of previous odd semester	<b>EXCELLENT</b>	Qualitative analysis conducted.
Syllabus coverage as per course plan	<b>EXCELLENT</b>	Compliance with KTU is satisfactory
Platform used for LMS/Course materials and lectures uploaded	<b>GOOD</b>	Co Po mapping and justification not done
Conduct of Seminar & Mini Project	<b>EXCELLENT</b>	
Conduct of Thesis	<b>EXCELLENT</b>	
The mechanisms for taking feedback as to whether the online classes are effective	<b>GOOD</b>	Action taken to be done
Faculty with Ph.D. for the program	<b>EXCELLENT</b>	3 faculty members with PhD
Maintenance of course diary	<b>GOOD</b>	Need to be improved.
Students attending MOOC or other online courses	<b>GOOD</b>	MOOC course registration must be improved

## IQAC report Submitted to Principal (Actual)

### B.TECH

#### BRANCH: MECHANICAL

Key Aspects	Rating	Auditor Remarks
Class/ course committee meetings and action taken report.	<b>EXCELLENT</b>	Two class committee conducted and action taken report is maintained
Advisory meetings and action taken report	<b>EXCELLENT</b>	DAC meeting was done in this semester.
Result analysis of previous odd semester	<b>FAIR</b>	Done qualitative analysis
Syllabus coverage as per course plan	<b>VERY GOOD</b>	Compliance with KTU calendar is good
Conduct of laboratory classes with relevant details	<b>VERY GOOD</b>	Laboratory classes are conducted through online mode and recorded sessions are given.
Conduct of minor/honours classes	<b>EXCELLENT</b>	Compliance with KTU calendar is good
Platform used for LMS/Course materials and lectures uploaded	<b>VERY GOOD</b>	Vmedulife LMS are used by all faculties.
NPTEL/SWAYAM course materials recommended for reading	<b>EXCELLENT</b>	Encourage more students and staffs to register
Conduct of Internal assessments for theory and lab classes	<b>VERY GOOD</b>	Theory Internal assessments (series tests) are done .but lab classes internal assessment are not encouraged
The mechanisms for taking feedback as to whether the online classes are effective	<b>VERY GOOD</b>	Two feedbacks are collected from students regarding the same.
Conduct of series tests	<b>VERY GOOD</b>	As per the ICET exam cell guidance, series tests are conducted through vmedulife ERP. But grading marks in vmedulife is not done for more subjects.
Maintenance of course diary	<b>VERY GOOD</b>	Except first year physical course diary maintenance was good for all the subjects
Register showing activity points	<b>EXCELLENT</b>	Register showing activity point is not completed due to pandemic.
Online Faculty evaluation & remarks of the HoD	<b>VERY GOOD</b>	Individual faculty wise detailed action taken is required

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### B.TECH

#### BRANCH: EEE

Key Aspects	Rating	Auditor Remarks
Class/ course committee meetings and action taken report	<b>EXCELLENT</b>	Two class committee conducted and action taken report is maintained
Advisory meetings and action taken report	<b>EXCELLENT</b>	DAC meeting was done in this semester.
Result analysis of previous odd semester	<b>FAIR</b>	Qualitative result analysis document maintained.
Syllabus coverage as per course plan	<b>EXCELLENT</b>	Compliance with KTU calendar is good
Conduct of laboratory classes with relevant details	<b>VERY GOOD</b>	Laboratory classes are conducted through online mode.
Conduct of minor/honours classes	<b>EXCELLENT</b>	Compliance with KTU calendar is good
Platform used for LMS/Course materials and lectures uploaded	<b>VERY GOOD</b>	Vmedulife LMS are used by all faculty members.
NPTEL/SWAYAM course materials recommended for reading	<b>FAIR</b>	Recommended to students but not followed up.
Conduct of Internal assessments for theory and lab classes	<b>GOOD</b>	Theory Internal assessments (series tests) are done .but lab classes internal assessment are not encouraged
The mechanisms for taking feedback as to whether the online classes are effective	<b>EXCELLENT</b>	Two feedbacks are collected from students regarding the same.
Conduct of series tests	<b>VERY GOOD</b>	As per the ICET exam cell guidance, series tests are conducted through vmedulife ERP.
Maintenance of course diary	<b>GOOD</b>	Course diary of relieved faculties is not maintained.
Register showing activity points	<b>GOOD</b>	Register showing activity point is not completed due to pandemic because of the KTU notice not yet received
Online Faculty evaluation & remarks of the HoD	<b>EXCELLENT</b>	Individual faculty wise detailed action taken is required

## IQAC report Submitted to Principal (Actual)

### M.TECH

#### BRANCH: EEE

Key Aspects	Rating	Auditor Remarks
Class committee meetings and action taken report	<b>NIL</b>	Subject handling faculty resigned from the department recently.
Result analysis of previous odd semester	<b>EXCELLENT</b>	
Syllabus coverage as per course plan	<b>EXCELLENT</b>	Compliance with KTU is satisfactory
Platform used for LMS/Course materials and lectures uploaded	<b>FAIR</b>	Vmedulife LMS are used by some faculty members but not effectively. HoD must ensure that in which platform classes are going on.
Conduct of Seminar & Mini Project	<b>NA</b>	
Conduct of Thesis	<b>NIL</b>	Subject handling faculty resigned from the department recently.
The mechanisms for taking feedback as to whether the online classes are effective	<b>FAIR</b>	Feedback has not yet taken
Faculty with Ph.D. for the program	<b>EXCELLENT</b>	2 faculty members with PhD
Maintenance of course diary	<b>NIL</b>	Subject handling faculty resigned from the department recently.
Students attending MOOC or other online courses	<b>FAIR</b>	MOOC course registration must be improved

## IQAC report Submitted to Principal (Actual)

### B.TECH

#### BRANCH: ECE

Key Aspects	Rating	Auditor Remarks
Class/ course committee meetings and action taken report	<b>EXCELLENT</b>	Two class committee conducted and action taken report is maintained
Advisory meetings and action taken report	<b>EXCELLENT</b>	DAC meeting was done in this semester.
Result analysis of previous odd semester	<b>Good</b>	Qualitative result analysis conducted.
Syllabus coverage as per course plan	<b>EXCELLENT</b>	Compliance with KTU calendar is good
Conduct of laboratory classes with relevant details	<b>VERY GOOD</b>	Laboratory classes are conducted through online mode.
Conduct of minor/honours classes	<b>GOOD</b>	Compliance with KTU calendar is good
Platform used for LMS/Course materials and lectures uploaded	<b>EXCELLENT</b>	
NPTEL/SWAYAM course materials recommended for reading	<b>GOOD</b>	Recommended to students but not followed up.
Conduct of Internal assessments for theory and lab classes	<b>VERY GOOD</b>	Theory Internal assessments (series tests) are done .but lab classes internal assessment are not encouraged
The mechanisms for taking feedback as to whether the online classes are effective	<b>EXCELLENT</b>	Two feedbacks are collected from students regarding the same. But action taken report is not satisfactory.
Conduct of series tests	<b>EXCELLENT</b>	As per the ICET exam cell guidance, series tests are conducted through vmedulife ERP. But grading marks in vmedulife is not done for more subjects.
Maintenance of course diary	<b>EXCELLENT</b>	Except first year physical course diary maintenance was good for all the subjects
Register showing activity points	<b>GOOD</b>	Register showing activity point is not completed.
Online Faculty evaluation & remarks of the HoD	<b>EXCELLENT</b>	Individual faculty wise detailed action taken is required

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### M.TECH

#### BRANCH: ECE

Key Aspects	Rating	Auditor Remarks
Class committee meetings and action taken report	<b>EXCELLENT</b>	
Result analysis of previous odd semester	<b>GOOD</b>	Qualitative result analysis done.
Syllabus coverage as per course plan	<b>EXCELLENT</b>	Compliance with KTU is satisfactory
Platform used for LMS/Course materials and lectures uploaded	<b>NIL</b>	
Conduct of Seminar & Mini Project	NA	
Conduct of Thesis	NA	
The mechanisms for taking feedback as to whether the online classes are effective	<b>EXCELLENT</b>	
Faculty with Ph.D. for the program	<b>POOR</b>	No faculty members with PhD
Maintenance of course diary	<b>EXCELLENT</b>	
Students attending MOOC or other online courses	<b>GOOD</b>	MOOC course registration must be improved



## IQAC report Submitted to Principal (Actual)

### B.TECH

#### BRANCH: CSE

Key Aspects	Rating	Auditor Remarks
Class/ course committee meetings and action taken report	<b>EXCELLENT</b>	Two class committee conducted and action taken report is maintained
Advisory meetings and action taken report	<b>EXCELLENT</b>	DAC meeting was done in this semester.
Result analysis of previous odd semester	<b>GOOD</b>	Qualitative result analysis done.
Syllabus coverage as per course plan	<b>EXCELLENT</b>	Compliance with KTU calendar is good
Conduct of laboratory classes with relevant details	<b>VERY GOOD</b>	Laboratory classes are conducted through online mode.
Conduct of minor/honours classes	<b>VERY GOOD</b>	Compliance with KTU calendar is good
Platform used for LMS/Course materials and lectures uploaded	<b>VERY GOOD</b>	Vmedulife LMS are used by all faculty members.
NPTEL/SWAYAM course materials recommended for reading	<b>VERY GOOD</b>	Student registration count to be improved.
Conduct of Internal assessments for theory and lab classes	<b>EXCELLENT</b>	
The mechanisms for taking feedback as to whether the online classes are effective	<b>EXCELLENT</b>	Two feedbacks are collected from students regarding the same..
Conduct of series tests	<b>EXCELLENT</b>	
Maintenance of course diary	<b>VERY GOOD</b>	Except first year physical course diary maintenance was good for all the subjects
Register showing activity points	<b>GOOD</b>	Activity points to be calculated on yearly basis.
Online Faculty evaluation & remarks of the HoD	<b>EXCELLENT</b>	

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### M.TECH

#### BRANCH: CSE

Key Aspects	Rating	Auditor Remarks
Class committee meetings and action taken report	<b>EXCELLENT</b>	Action taken report is required
Result analysis of previous odd semester	<b>VERY GOOD</b>	
Syllabus coverage as per course plan	<b>VERY GOOD</b>	Compliance with KTU is satisfactory
Platform used for LMS/Course materials and lectures uploaded	<b>VERY GOOD</b>	Vmedulife LMS are used by all faculty members.
Conduct of Seminar & Mini Project	<b>VERY GOOD</b>	
Conduct of Thesis	<b>EXCELLENT</b>	
The mechanisms for taking feedback as to whether the online classes are effective	<b>EXCELLENT</b>	
Faculty with Ph.D. for the program	<b>EXCELLENT</b>	
Maintenance of course diary	<b>GOOD</b>	Mapping and justification to be done in Vmedulife.
Students attending MOOC or other online courses	<b>GOOD</b>	MOOC course registration must be improved

## IQAC report Submitted to Principal (Actual)

### B.TECH

#### BRANCH: Science & Humanities

Key Aspects	Rating	Auditor Remarks
Class/ course committee meetings and action taken report	<b>FAIR</b>	Proper documents are not maintained.
Advisory meetings and action taken report	<b>Not Applicable</b>	
Result analysis of previous even semester	<b>Not Applicable</b>	
Syllabus coverage as per course plan	<b>EXCELLENT</b>	Compliance with KTU calendar is good
Conduct of laboratory classes with relevant details	<b>EXCELLENT</b>	Laboratory classes are conducted through online mode.
Conduct of minor/honours classes	<b>Not Applicable</b>	
Platform used for LMS/Course materials and lectures uploaded	<b>EXCELLENT</b>	
NPTEL/SWAYAM course materials recommended for reading	<b>FAIR</b>	Recommended to students but not followed up.
Conduct of Internal assessments for theory and lab classes	<b>EXCELLENT</b>	Theory Internal assessments (series tests) are done .but lab classes internal assessment are not encouraged
The mechanisms for taking feedback as to whether the online classes are effective	<b>EXCELLENT</b>	Two feedbacks are collected from students regarding the same.
Conduct of series tests	<b>EXCELLENT</b>	As per the ICET exam cell guidance, series tests are conducted through vmedulife ERP.
Maintenance of course diary	<b>GOOD</b>	Course diary of relieved faculties is not maintained.
Register showing activity points	<b>Not Applicable</b>	
Online Faculty evaluation & remarks of the HoD	<b>GOOD</b>	Action taken to be updated.

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### MBA

Aspects	Key	Rating	Auditor Remarks
Class committee meetings and action taken report		<b>EXCELLENT</b>	Two class committee conducted.
Result analysis of previous even semester		<b>VERY GOOD</b>	Analysis document not maintained properly.
Syllabus coverage as per course plan		<b>VERY GOOD</b>	Compliance with KTU calendar is good
Platform used for LMS/Course materials and lectures uploaded		<b>FAIR</b>	Vmedulife LMS is not used properly.
Conduct of Seminar & Mini Project		<b>Not Applicable</b>	
Conduct of Thesis		<b>FAIR</b>	Split up mark sheets to be used.
The mechanisms for taking feedback as to whether the online classes are effective		<b>EXCELLENT</b>	
Faculty with Ph.D. for the program		<b>FAIR</b>	PhD faculty is required
Maintenance of course diary		<b>FAIR</b>	Proper maintenance in vmedulife is not maintained
Students attending MOOC or other online courses		<b>GOOD</b>	MOOC course registration must be improved

## IQAC report Submitted to Principal (Actual)

### MCA

Key Aspects	Rating	Auditor Remarks
Class committee meetings and action taken report	<b>EXCELLENT</b>	Two class committee conducted and action taken report is maintained
Result analysis of previous even semester	<b>GOOD</b>	Qualitative result analysis done.
Syllabus coverage as per course plan	<b>EXCELLENT</b>	Compliance with KTU calendar is good
Platform used for LMS/Course materials and lectures uploaded	<b>EXCELLENT</b>	Using Vmedulife effectively
Conduct of Seminar & Mini Project	<b>Not Applicable</b>	
Conduct of Thesis	<b>Not Applicable</b>	
The mechanisms for taking feedback as to whether the online classes are effective	<b>EXCELLENT</b>	Feedbacks taken with action taken reports.
Faculty with Ph.D. for the program	<b>FAIR</b>	PhD faculty required.
Maintenance of course diary	<b>EXCELLENT</b>	Internal assessments (series tests) are done.
Students attending MOOC or other online courses	<b>GOOD</b>	Students registration count to be increased

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### INTERACTION WITH STUDENTS

Key Aspects	Rating	Auditor Remarks
Syllabus coverage	<b>EXCELLENT</b>	
Effectiveness of teaching/learning process	<b>EXCELLENT</b>	
Conduct of labs	<b>VERY GOOD</b>	Laboratory classes are conducted during contact classes.
Continuous assessment	<b>GOOD</b>	
Interaction/discussion/doubt clearing etc.	<b>EXCELLENT</b>	
Net connectivity issue	<b>FAIR</b>	Network issues are reported from college side.
Extra fees/fine imposed on students	<b>EXCELLENT</b>	No extra fee imposed
Approach of the management/institution in addressing student grievances	<b>GOOD</b>	
Availability of Faculty for all subjects	<b>EXCELLENT</b>	
Any other remarks	<b>NIL</b>	Proper Wi-Fi connections to be provided.