



**APJ Abdul Kalam Technological University**  
**CET Campus, Thiruvananthapuram**  
**Kerala -695016**  
**India**

**Academic Audit Report**  
**2020 - 2021**

**Basic Details**

Institution	<b>M.DASAN INSTITUTE OF TECHNOLOGY</b>
First Auditor Name	<b>HARSHAN K G</b>
Second Auditor Name	
Visit	<b>Second</b>
Semester Type	<b>Odd</b>

**College Specific Assessments**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Compliance to the Academic Calendar of KTU (B)	Excellent(5)	The Institution is running as per the college academic calendar approved by the Academic Council of the college	
Functioning of students grievances and appeal committee (B)	Excellent(5)	No grievances are reported in the current semester.Documentation for the previous semesters are perfect	
Average student to faculty ratio (A)	Excellent(5)	The value obtained is 1.005. Faculty details are updated in the college website. Necessary name boards can be placed on the departments for notifying the details of faculty members.	

Faculty Qualification Index (A)	Poor(2)	The value obtained is 4.5. The Institution is required to recruit more number of Ph.D qualified faculty members to improve the FQI	Steps have already been initiated to appoint PhD. holders as we are moving for NBA accreditation Process
Number of qualified technical staff (A)	Excellent(5)		
Facility of central library with respect to volume, title of books, online print journals (A)	Good(4)	The library can subscribe more number of journals with good indexing	Noted
Functioning of IQAC and Progress of IQAC report uploading (A)	Excellent(5)		

### **Student Interaction**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage (B)	Good(4)		
Effectiveness of teaching/learning process	Good(4)	Maximum online classes. Very less contact classes	
Conduct of Labs (B)	Good(4)	Maximum online classes. Very less contact classes	
Continuous assessment (B)	Good(4)	Online assessment	
Interaction/discussion/doubt clearing etc (A)	Good(4)	Online classes discussions are less compared to contact classes.	
Net connectivity issue	Fair(3)	Students are having net connectivity and data issues in their areas.	Noted
Extra fees/fine imposed on students (B)	Excellent(5)	No extra fees are charged from students.	
Approach of the management/institution in addressing student grievances (B)	Good(4)		
Availability of Faculty for all subjects (A)	Good(4)		
Any other remarks (C)	Excellent(5)	Students prefer contact class than online class	

### B.Tech

<b>No of B.Tech Students</b>	624
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### ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		

Result analysis of previous odd semester (A)	Poor(2)	33%	Arrangements have been made to conduct remedial classes and question paper workshops
Syllabus coverage as per course plan (A)	Good(4)	Problematic subjects in the first semester is slightly lagging.	Issue rectified by conducting extra classes
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)		
Conduct of minor/honours classes (A)	Excellent(5)		
NPTEL/SWAYAM course materials recommended for reading (B)	Good(4)		
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)		
Conduct of series tests (A)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Register showing Activity points (B)	Excellent(5)		
Conduct of laboratory classes with relevant details(A)	Excellent(5)		
Online Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		

#### **CIVIL ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Excellent(5)		

Advisory meetings and action taken report (B)	Excellent(5)		
Result analysis of previous odd semester (A)	Poor(2)	34%	Arrangements have been made to conduct remedial classes and question paper workshops
Syllabus coverage as per course plan (A)	Excellent(5)		
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)		
Conduct of minor/honours classes (A)	Excellent(5)		
NPTEL/SWAYAM course materials recommended for reading (B)	Good(4)		
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)		
Conduct of series tests (A)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Register showing Activity points (B)	Excellent(5)		
Conduct of laboratory classes with relevant details(A)	Excellent(5)		
Online Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		

**COMPUTER SCIENCE & ENGINEERING-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
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Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
Result analysis of previous odd semester (A)	Poor(2)	34%	Arrangements have been made to conduct remedial classes and question paper workshops
Syllabus coverage as per course plan (A)	Good(4)	Problematic subjects in first semester is lagging	Issue rectified by conducting extra classes
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)		
Conduct of minor/honours classes (A)	Excellent(5)		
NPTEL/SWAYAM course materials recommended for reading (B)	Excellent(5)		
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)		
Conduct of series tests (A)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Register showing Activity points (B)	Excellent(5)		
Conduct of laboratory classes with relevant details(A)	Excellent(5)		
Online Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		

**APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Not Relevant		
Advisory meetings and action taken report (B)	Not Relevant		
Result analysis of previous odd semester (A)	Not Relevant		
Syllabus coverage as per course plan (A)	Not Relevant		
Platform used for LMS/Course materials and lectures uploaded (A)	Not Relevant		
Conduct of minor/honours classes (A)	Not Relevant		
NPTEL/SWAYAM course materials recommended for reading (B)	Not Relevant		
Conduct of Internal assessments for theory and lab classes (A)	Not Relevant		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Not Relevant		
Conduct of series tests (A)	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Register showing Activity points (B)	Not Relevant		
Conduct of laboratory classes with relevant details(A)	Not Relevant		
Online Faculty evaluation amp remarks of the HoD (A)	Not Relevant		

**ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
Result analysis of previous odd semester (A)	Very Poor(1)	22%	Arrangements have been made to conduct remedial classes and question paper workshops
Syllabus coverage as per course plan (A)	Good(4)	Problematic subjects in first semester is lagging	Issue rectified by conducting extra classes
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)		
Conduct of minor/honours classes (A)	Excellent(5)		
NPTEL/SWAYAM course materials recommended for reading (B)	Good(4)		
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)		
Conduct of series tests (A)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Register showing Activity points (B)	Excellent(5)		
Conduct of laboratory classes with relevant details(A)	Excellent(5)		
Online Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		



**COMPUTER ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Not Relevant		
Advisory meetings and action taken report (B)	Not Relevant		
Result analysis of previous odd semester (A)	Not Relevant		
Syllabus coverage as per course plan (A)	Not Relevant		
Platform used for LMS/Course materials and lectures uploaded (A)	Not Relevant		
Conduct of minor/honours classes (A)	Not Relevant		
NPTEL/SWAYAM course materials recommended for reading (B)	Not Relevant		
Conduct of Internal assessments for theory and lab classes (A)	Not Relevant		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Not Relevant		
Conduct of series tests (A)	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Register showing Activity points (B)	Not Relevant		
Conduct of laboratory classes with relevant details(A)	Not Relevant		
Online Faculty evaluation amp remarks of the HoD (A)	Not Relevant		

**MECHANICAL ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
Result analysis of previous odd semester (A)	Very Poor(1)	17%	Arrangements have been made to conduct remedial classes and question paper workshops
Syllabus coverage as per course plan (A)	Good(4)	Problematic subjects in first semester is slightly lagging	Issue rectified by conducting extra classes
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)		
Conduct of minor/honours classes (A)	Excellent(5)		
NPTEL/SWAYAM course materials recommended for reading (B)	Good(4)		
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)		
Conduct of series tests (A)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Register showing Activity points (B)	Excellent(5)		
Conduct of laboratory classes with relevant details(A)	Excellent(5)		

Online Faculty evaluation and remarks of the HoD (A)	Excellent(5)		
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### **CIVIL ENGINEERING-(Part Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
Result analysis of previous odd semester (A)	Very Poor(1)	24%	Arrangements have been made to conduct remedial classes and question paper workshops
Syllabus coverage as per course plan (A)	Good(4)	Problematic subjects in first semester is lagging	Issue rectified by conducting extra classes
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)		
Conduct of minor/honours classes (A)	Not Relevant		
NPTEL/SWAYAM course materials recommended for reading (B)	Good(4)		
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)		
Conduct of series tests (A)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Register showing Activity points (B)	Not Relevant		

Conduct of laboratory classes with relevant details(A)	Excellent(5)		
Online Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		

### M.Tech

<b>No of M.Tech Students</b>	7
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### COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	Action taken is not included	Instructed
Result analysis of previous odd semester (A)	Excellent(5)	93%	
Syllabus coverage as per course plan (A)	Excellent(5)		
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)	All relevant documents are submitted	
Conduct of Seminar Mini project (A)	Excellent(5)		
Faculty with Ph.D for the program (A)	Excellent(5)	Requested for appointing more faculties with Ph.D	Noted
Students attending MOOC or other online courses (B)	Excellent(5)		
Conduct of Thesis (A)	Excellent(5)		

### CIVIL ENGINEERING(ENVIRONMENTAL ENGINEERING)-(Full Time)

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Excellent(5)	Action taken is not included	
Result analysis of previous odd semester (A)	Excellent(5)	93%	
Syllabus coverage as per course plan (A)	Excellent(5)		
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)	All relevant documents are submitted	
Conduct of Seminar Mini project (A)	Excellent(5)		
Faculty with Ph.D for the program (A)	Good(4)	Requested for appointing more faculties with Ph.D	Noted
Students attending MOOC or other online courses (B)	Good(4)	Students have registered for MOOC courses	Noted
Conduct of Thesis (A)	Excellent(5)		