



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

Academic Audit Report
2022 - 2023

Basic Details

Institution	M.DASAN INSTITUTE OF TECHNOLOGY
First Auditor Name	Renjith V Ravi
Second Auditor Name	Rohitram T
Visit	First
Semester Type	Odd

College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU (A)	Excellent(5)		
Functioning of students grievances and appeal committee (A)	Excellent(5)		
Functioning of Academic Discipline Welfare committee (A)	Excellent(5)		
Average student to faculty ratio (A)	Excellent(5)	ASFR=1.23	
Faculty Retention (A)	Excellent(5)		
Faculty Qualification Index (A)	Good(4)	FQI=5.66. The Institution should appoint faculty members with Ph.D.	Noted. Informed management for appointing more faculties with Ph.D.
Number of qualified technical staff (A)	Fair(3)	The number of qualified regular technical staff is less in some departments.	Noted. Informed management for rectification

Facility of central library with respect to volume and title of books, online print journals (A)	Excellent(5)	Reputed journals should be accessible in the library.	Noted. Initiated steps to make additional payment to Delnet for accessing more indexed journals
Functioning of IQAC and Progress of IQAC report uploading (A)	Excellent(5)		
Institution Budget (A)	Good(4)		
Details of central computing facility (A)	Excellent(5)		
Principals response on previous audit reports (A)	Excellent(5)	The principal has nicely responded to the comments in previous audit report.	

Student Interaction

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage (B)	Good(4)		
Lab Facility and conduct of Labs (B)	Good(4)		
Co-curricular facility (B)	Good(4)		
Extra-curricular facility (B)	Fair(3)		Appointed a new Physical education director for conducting more extracurricular activities
Transferring all intimation from University in time (B)	Good(4)		
Approach of the management in addressing student grievance (B)	Good(4)		
Availability of Faculty for all subjects (A)	Excellent(5)		
Any other remarks (C)	Not Relevant		
Extra fees/fine imposed on students (B)	Not Relevant	No grading has been given as per section 6.3 of audit manual	

COMPUTER SCIENCE & ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Excellent(5)	20 out of 32 students were placed.	
Class/course committee meetings and action taken report (B)	Not Relevant		
Advisory meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)		
Evaluation of students performance in practical classes (A):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Excellent(5)	The department should encourage more students to enroll for B.Tech. Hons	Noted
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Poor(2)	The targets should be fixed. The attainment of COs should be calculated after the evaluation of Series Tests/ Assignments.	Noted. Directed the department to proceed with co attainment calculation from the next series exam onward
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Excellent(5)		

Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Excellent(5)		
Students attending MOOC or other online courses (B)	Excellent(5)	22% of students are doing MOOCs	
Maintenance of A1, A2 and A3 files.	Excellent(5)		
Maintenance of B files.	Good(4)		
Maintenance of C and D files.	Good(4)		

MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Good(4)	10 out of 24 students placed.	Directed placement officer to arrange more number of placement training sessions
Class/course committee meetings and action taken report (B)	Not Relevant		
Advisory meetings and action taken report (B)	Good(4)	Action taken report should kept with the minutes of next meeting.	Instruction has been given to comply the directions.
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)		
Evaluation of students performance in practical classes (A):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		

Conduct of remedial/minor/honours classes (B)	Good(4)	The department should encourage more students to enroll for B.Tech. Hons	Noted
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Poor(2)	The targets should be fixed. The attainment of COs should be calculated after the evaluation of Series Tests/ Assignments.	Noted. Directed the department to proceed with co attainment calculation from the next series exam onward.
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Excellent(5)		
Students attending MOOC or other online courses (B)	Very Poor(1)	The department should encourage more students to enroll for MOOCs	Noted. A committee was formed to monitor and motivate students for joining MOOC courses.
Maintenance of A1, A2 and A3 files.	Excellent(5)		
Maintenance of B files.	Good(4)		
Maintenance of C and D files.	Good(4)		

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Excellent(5)	21 out of 24 students placed	
Class/course committee meetings and action taken report (B)	Not Relevant		
Advisory meetings and action taken report (B)	Excellent(5)		

Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)		
Evaluation of students performance in practical classes (A):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Good(4)	The department should encourage more students to enroll for B.Tech. Hons	Noted
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Poor(2)	The targets should be fixed. The attainment of COs should be calculated after the evaluation of Series Tests/ Assignments.	Noted. Directed the department to proceed with co attainment calculation from the next series exam onward.
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Excellent(5)		
Students attending MOOC or other online courses (B)	Excellent(5)	30% of students are doing MOOC	
Maintenance of A1, A2 and A3 files.	Excellent(5)		
Maintenance of B files.	Good(4)		
Maintenance of C and D files.	Good(4)		

CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Fair(3)	24 out of 73 students placed.	Directed placement officer to arrange more number of placement training sessions.
Class/course committee meetings and action taken report (B)	Not Relevant		
Advisory meetings and action taken report (B)	Excellent(5)	Action taken report should be separate.	Noted. Instruction has been given to comply the direction
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)		
Evaluation of students performance in practical classes (A):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Excellent(5)	The department should encourage more number of students to enroll for B.Tech Hons	Noted
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Poor(2)	The targets should be fixed. The attainment of COs should be calculated after the evaluation of Series Tests/ Assignments.	Noted. Directed the department to proceed with co attainment calculation from the next series exam onward
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		

Conduct of Seminar, Project and Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Excellent(5)		
Students attending MOOC or other online courses (B)	Excellent(5)		
Maintenance of A1, A2 and A3 files.	Excellent(5)		
Maintenance of B files.	Good(4)		
Maintenance of C and D files.	Good(4)		

ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Fair(3)	7 out of 21 students placed.	Directed placement officer to arrange more number of placement training sessions
Class/course committee meetings and action taken report (B)	Not Relevant	Not included in B.Tech Regulation 2019.	
Advisory meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)		
Evaluation of students performance in practical classes (A):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		

Conduct of remedial/minor/honours classes (B)	Good(4)	The department should insist more students to join in B.Tech Honors	Noted
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Poor(2)	The targets should be fixed. The attainment of COs should be calculated after the evaluation of Series Tests/ Assignments. Then only the department can observe and update the COs before the end of semester. No need to wait for the result of university examination for calculating all the attainments.	Noted. Directed the department to proceed with co attainment calculation from the next series exam onwards
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Excellent(5)		
Students attending MOOC or other online courses (B)	Very Poor(1)	According to the proof submitted by the department, only 5% of students are registered for MOOC. The department should encourage more students to pursue MOOC	Noted. A committee was formed to monitor and motivate students for joining mooc course.
Maintenance of A1, A2 and A3 files.	Excellent(5)		
Maintenance of B files.	Good(4)		
Maintenance of C and D files.	Good(4)		

COMPUTER ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Not Relevant	No such department exists in the Institution.	
Class/course committee meetings and action taken report (B)	Not Relevant	No such department exists in the Institution.	
Advisory meetings and action taken report (B)	Not Relevant	No such department exists in the Institution.	
Syllabus coverage as per course plan (B)	Not Relevant	No such department exists in the Institution.	
Conduct of Tutorial Classes (B)	Not Relevant	No such department exists in the Institution.	
Evaluation of Answer Scripts (A):	Not Relevant	No such department exists in the Institution.	
Conduct of practical courses (B)	Not Relevant	No such department exists in the Institution.	
Evaluation of students performance in practical classes (A):	Not Relevant	No such department exists in the Institution.	
Facility to do experiments in the lab (A)	Not Relevant	No such department exists in the Institution.	
Conduct of remedial/minor/honours classes (B)	Not Relevant	No such department exists in the Institution.	
Maintenance of course diary (A)	Not Relevant	No such department exists in the Institution.	
Assessment of Outcomes (A)	Not Relevant	No such department exists in the Institution.	
Faculty evaluation amp remarks of the HoD (A)	Not Relevant	No such department exists in the Institution.	
Conduct of Seminar, Project and Thesis (A)	Not Relevant	No such department exists in the Institution.	
Computing facility in the department (A)	Not Relevant	No such department exists in the Institution.	
Facility for co-curricular and extracurricular activities (B)	Not Relevant	No such department exists in the Institution.	

Students attending MOOC or other online courses (B)	Not Relevant	No such department exists in the Institution.	
Maintenance of A1, A2 and A3 files.	Not Relevant	No such department exists in the Institution.	
Maintenance of B files.	Not Relevant	No such department exists in the Institution.	
Maintenance of C and D files.	Not Relevant	No such department exists in the Institution.	

CIVIL ENGINEERING-(Part Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Good(4)		
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)		
Evaluation of students performance in practical classes (A):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Excellent(5)	The department should encourage more number of students to enroll for B.Tech Hons.	Noted
Maintenance of course diary (A)	Excellent(5)		

Assessment of Outcomes (A)	Poor(2)	The targets should be fixed. The attainment of COs should be calculated after the evaluation of Series Tests/ Assignments.	Noted. Directed the department to proceed with co attainment calculation from the next series exam onward
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Excellent(5)		
Students attending MOOC or other online courses (B)	Very Poor(1)		Noted. A committee was formed to monitor and motivate students for joining MOOC courses
Maintenance of A1, A2 and A3 files.	Excellent(5)		
Maintenance of B files.	Good(4)		
Maintenance of C and D files.	Good(4)		

COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Excellent(5)	6 out of 6 students were placed.	
Class/course committee meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		

Facility in the department library for references (C)	Good(4)	The number of books in the department library should be improved.	Noted.
Conduct of Seminar, Project and Thesis (A)	Excellent(5)		
Faculty with Ph.D for the program (A)	Very Poor(1)		Noted. Informed management for appointing more faculties with PhD.
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Excellent(5)		
Students attending MOOC or other online courses (B)	Excellent(5)		

CIVIL ENGINEERING(ENVIRONMENTAL ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Good(4)	8 out of 17 students were placed.	
Class/course committee meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Facility in the department library for references (C)	Good(4)	More number of books should be included in the library.	Noted
Conduct of Seminar, Project and Thesis (A)	Excellent(5)		
Faculty with Ph.D for the program (A)	Very Poor(1)	The Institution should appoint faculty members with Ph.D.	Noted. Informed management for appointing more faculties with PhD.

Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Excellent(5)		
Students attending MOOC or other online courses (B)	Excellent(5)		