



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

Academic Audit Report
2021 - 2022

Basic Details

Institution	M.DASAN INSTITUTE OF TECHNOLOGY
First Auditor Name	Dr Renjith V Ravi
Second Auditor Name	
Visit	First
Semester Type	Even

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)		
Faculty Retention (A)	Excellent(5)		
Faculty Qualification Index (A)	Fair(3)	Need to appoint more number of faculty members with Ph.D	Applications are invited for appointing more PhD holders
Number of qualified technical staff (A)	Fair(3)	The number of qualified regular technical staff is less in some departments.	

Facility of central library with respect to volume and title of books, online print journals (A)	Excellent(5)	The 25% of total number of journals should be Scopus/WoS indexed, as per AICTE APH 2021-22	Orders have been placed for subscribing Scopus indexed journals
Functioning of IQAC and Progress of IQAC report uploading (A)	Excellent(5)		
Institution Budget (A)	Excellent(5)		
Details of central computing facility (A)	Good(4)	Need to be improved.	Noted
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)	Good(4)		
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	Nil	
Extra fees/fine imposed on students (B)	Not Relevant	No grading has been given as per Section 6.3 of audit manual.	

B.Tech

No of B.Tech Students	845
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CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Good(4)	Action Taken report should be included. More than one agenda can be discussed in the meeting.	Noted for future compliance
Advisory meetings and action taken report (B)	Good(4)	Action Taken report should be included. More than one agenda can be discussed in the meeting.	Noted for future compliance
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 for future compliance
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. For APJAKTU, the OBE is applicable from B.Tech 2019 Regulation onwards.	Noted. Initiated steps to incorporate correct attainment calculation steps in the software followed by the college (ETLAB)
Faculty evaluation and remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Mini project, 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)	Good(4)	List of students with course name and its proof should be updated.	Noted

COMPUTER SCIENCE & ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Good(4)	The reading of action taken report of previous class committee should be an agenda of next meeting.	Noted for future compliance
Advisory meetings and action taken report (B)	Good(4)	The reading of action taken report of previous class committee should be an agenda of next meeting.	Noted for future compliance
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 for future compliance
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. For APJAKTU, the OBE is applicable from B.Tech 2019 Regulation.	Noted. Initiated steps to incorporate correct attainment calculation steps in the software used by the college (ETLAB)
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Mini project, Project amp 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)	Good(4)	List of students with course name and proof should be updated.	Noted for future compliance
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ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Good(4)	Action Taken report should be included.	Noted for future compliance
Advisory meetings and action taken report (B)	Good(4)	Action Taken report should be included.	Noted for future compliance
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)	Dept should encourage students to enrol for B.Tech Hons.	Noted for future compliance
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. For APJAKTU, the OBE is applicable from B.Tech 2019 Regulation onwards.	Noted. Initiated steps to incorporate correct attainment calculation steps in ETLAB (software used by the college)
Faculty evaluation and remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Mini project, 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)	Good(4)	List should be updated with total number of students in the program, total number of students enrolled for MOOC and its percentage.	Noted for future compliance

COMPUTER ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Not Relevant		
Advisory meetings and action taken report (B)	Not Relevant		
Syllabus coverage as per course plan (B)	Not Relevant		

Conduct of Tutorial Classes (B)	Not Relevant		
Evaluation of Answer Scripts (A):	Not Relevant		
Conduct of practical courses (B)	Not Relevant		
Evaluation of students performance in practical classes (A):	Not Relevant		
Facility to do experiments in the lab (A)	Not Relevant		
Conduct of remedial/minor/honours classes (B)	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Assessment of Outcomes (A)	Not Relevant		
Faculty evaluation amp remarks of the HoD (A)	Not Relevant		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Not Relevant		
Computing facility in the department (A)	Not Relevant		
Facility for co-curricular and extracurricular activities (B)	Not Relevant		
Students attending MOOC or other online courses (B)	Not Relevant		

MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Good(4)	More agendas can be included in the minutes.	Noted for future compliance
Advisory meetings and action taken report (B)	Good(4)	More agendas can be included in the minutes.	Noted for future compliance

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 students to enroll for B.Tech Hons.	Noted for future compliance
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. For APJAKTU, the OBE is applicable from B.Tech 2019 Regulation onwards.	Noted. Initiated steps for incorporating correct attainment calculation steps in ETLAB (software used by the college)
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Mini project, Project amp 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)	Fair(3)	The department should encourage the students to join for MOOC and collect its proof for filing.	Noted.Given instructions to the students for enrolling to MOOC courses organised by IITs

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Good(4)	Action taken report should be included separately.	Noted for future compliance
Advisory meetings and action taken report (B)	Good(4)	Action taken report should be included separately.	Noted for future compliance
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 the students 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. 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. For APJAKTU, the OBE is applicable from B.Tech 2019 Regulation onwards.	Noted. Initiated steps to incorporate correct attainment calculation steps in ETLAB (software followed by the college)
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Mini project, Project amp 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)	Good(4)	List should be updated with total number of students in the program, total number of students enrolled for MOOC and its percentage.	Noted.

CIVIL ENGINEERING-(Part Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Good(4)	Action Taken report should be included.	Noted for future compliance
Advisory meetings and action taken report (B)	Good(4)	Action Taken report should be included.	Noted for future compliance
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)		
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Very Poor(1)	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. For APJAKTU, the OBE is applicable from B.Tech 2019 Regulation onwards.	Noted. Initiated steps to incorporate correct attainment calculation steps in ETLAB (software followed by the college)
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Mini project, Project amp 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)	Fair(3)	The department can instruct part time students to enrol for MOOC	Noted.Given Instructions for students to enroll for MOOC courses organised by IITs
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M.Tech

No of M.Tech Students	34
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CIVIL ENGINEERING(ENVIRONMENTAL ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
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, Mini project, Project amp Thesis (A)	Good(4)	Topic should be selected from referred journals.	Noted
Faculty with Ph.D for the program (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)	Good(4)	Proof should be incorporated.	Noted

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)		
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, Mini project, Project amp Thesis (A)	Good(4)	Topic should be selected from referred journals.	Noted
Faculty with Ph.D for the program (A)	Very Poor(1)	The Institution should appoint faculty members with Ph.D for CSE.	Applications are invited for appointing PhD holders.
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)	Good(4)	List of students with course name and proof should be updated.	Noted