



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

Academic Audit Report 2021 - 2022

Basic Details

Institution	ALBERTIAN INSTITUTE OF SCIENCE AND TECHNOLOGY (AISAT)- TECHNICAL CAMPUS
First Auditor Name	Dr Mathew Joseph
Second Auditor Name	Manish T I
Visit	First
Semester Type	Even

College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU (A)	Good(4)	Update the college calendar format as per KTU calendar. Check the filing sequence of academic calendar.	
Functioning of students grievances and appeal committee (A)	Good(4)	Check the composition of all the committee. Overall the conduct of the committee are good. Ensure that the actions taken in each meeting are clearly conveyed, documented and also acknowledged by students.	Instead of designation, role in respective committee will be used henceforth. Actions taken are clearly recorded and conveyed as per ISO quality procedure manual followed in AISAT.
Functioning of Academic Discipline Welfare committee (A)	Good(4)	Good.	

Average student to faculty ratio (A)	Excellent(5)	Avg student to faculty ratio is 1.34. Total sanctioned intake is 1236. Total actual strength is 1156. Total actual student strength 2021-22 is 979.	
Faculty Retention (A)	Good(4)	Avg student to faculty ratio above 1 maintained.	As per audit manual, ratio is maintained above 1 which is rated excellent.
Faculty Qualification Index (A)	Good(4)	Faculty qualification index is 6.3.	
Number of qualified technical staff (A)	Good(4)	Certificate of one staff is not Diploma/ITI. Also few contract lab staff are there in some departments.	Additional Technical staff are being recruited.
Facility of central library with respect to volume and title of books, online print journals (A)	Good(4)		
Functioning of IQAC and Progress of IQAC report uploading (A)	Good(4)	Overall performance is good. Previous report is not uploaded in website. Also, notice regarding conduct of internal audit should be filed and circulated.	Has uploaded in website now. Notice is issued regularly and circulated.
Institution Budget (A)	Good(4)	Institution and Department budget are well documented.	
Details of central computing facility (A)	Good(4)	Central computing facility is good. (70 systems)	
Principals response on previous audit reports (A)	Good(4)	Proper response and follow-up measures taken.	

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)	Good(4)		
Any other remarks (C)	Good(4)	Students are overall satisfied. However, the college timing may be discussed internally to facilitate the commutation of far away students.	College timing from 8.45am to 4.30pm is effectively used for academic and extra curricular activities. To support proper commutation, college bus facility is available to remote area.
Extra fees/fine imposed on students (B)	Good(4)	No issues were raised by students.	

B.Tech

No of B.Tech Students	957
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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)		
Advisory meetings and action taken report (B)	Good(4)		
Syllabus coverage as per course plan (B)	Good(4)		

Conduct of Tutorial Classes (B)	Good(4)		
Evaluation of Answer Scripts (A):	Good(4)		
Conduct of practical courses (B)	Good(4)	Required no. of experiments experiments done, and facilities available.	
Evaluation of students performance in practical classes (A):	Good(4)		
Facility to do experiments in the lab (A)	Good(4)	<p>Adequate facilities are available. However, the following suggestions may be included:</p> <ul style="list-style-type: none"> -Proper display of name boards with specification of equipments, -Notice board with list of experiments, Batch list of students, university syllabus, Course plan etc. -Proper and updated service and maintenance register -Try to maintain and utilize all the equipment in the laboratories. 	Display has been updated. Maintenance is carried out.
Conduct of remedial/minor/honours classes (B)	Good(4)		
Maintenance of course diary (A)	Good(4)	Attendance, internal marks split-up, final internal marks etc. should be clearly entered without overwriting and corrections. Cross-checking for attendance % and internal marks with KTU portal is necessary to rectify any discrepancies in entry of attendance and marks.	Will be taken care.

Assessment of Outcomes (A)	Fair(3)	Follow the course outcome assessment mentioned in KTU audit manual(section 5)	It is exactly followed as per KTU audit manual section 5 from 2019.
Faculty evaluation amp remarks of the HoD (A)	Good(4)		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Good(4)		
Computing facility in the department (A)	Good(4)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Good(4)		

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Good(4)		
Advisory meetings and action taken report (B)	Good(4)		
Syllabus coverage as per course plan (B)	Good(4)		
Conduct of Tutorial Classes (B)	Good(4)		
Evaluation of Answer Scripts (A):	Good(4)		
Conduct of practical courses (B)	Good(4)	Required no. of experiments experiments done, and facilities available.	
Evaluation of students performance in practical classes (A):	Good(4)		

Facility to do experiments in the lab (A)	Good(4)	Adequate facilities are available. However, the following suggestions may be included: -Proper display of name boards with specification of equipments, -Notice board with list of experiments, Batch list of students, university syllabus, Course plan etc. -Proper and updated service and maintenance register -Try to maintain and utilize all the equipment in the laboratories.	Display has been updated.
Conduct of remedial/minor/honours classes (B)	Good(4)		
Maintenance of course diary (A)	Good(4)	Attendance, internal marks split-up, final internal marks etc. should be clearly entered without overwriting and corrections. Cross-checking for attendance % and internal marks with KTU portal is necessary to rectify any discrepancies in entry of attendance and marks.	Will be taken care.
Assessment of Outcomes (A)	Fair(3)	Follow the course outcome assessment mentioned in KTU audit manual(section 5)	It is exactly followed as per KTU audit manual section 5 from 2019.
Faculty evaluation amp remarks of the HoD (A)	Good(4)		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Good(4)		
Computing facility in the department (A)	Good(4)		

Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Good(4)		

MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Good(4)		
Advisory meetings and action taken report (B)	Good(4)		
Syllabus coverage as per course plan (B)	Good(4)		
Conduct of Tutorial Classes (B)	Good(4)		
Evaluation of Answer Scripts (A):	Good(4)		
Conduct of practical courses (B)	Good(4)	Required no. of experiments experiments done, and facilities available.	
Evaluation of students performance in practical classes (A):	Good(4)		

Facility to do experiments in the lab (A)	Good(4)	Adequate facilities are available. Computing /CAD lab for Mechanical Engineering is not available. However, the following suggestions may be included: -Proper display of name boards with specification of equipments, -Notice board with list of experiments, Batch list of students, university syllabus, Course plan etc. -Proper and updated service and maintenance register -Try to maintain and utilize all the equipment in the laboratories.	Shared facility is already available.
Conduct of remedial/minor/honours classes (B)	Good(4)		
Maintenance of course diary (A)	Good(4)	Attendance, internal marks split-up, final internal marks etc. should be clearly entered without overwriting and corrections. Cross-checking for attendance % and internal marks with KTU portal is necessary to rectify any discrepancies in entry of attendance and marks.	Will be taken care.
Assessment of Outcomes (A)	Fair(3)	Follow the course outcome assessment mentioned in KTU audit manual(section 5)	It is exactly followed as per KTU audit manual section 5 from 2019.
Faculty evaluation amp remarks of the HoD (A)	Good(4)		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Good(4)		

Computing facility in the department (A)	Good(4)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Good(4)		

COMPUTER SCIENCE & ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Good(4)		
Advisory meetings and action taken report (B)	Good(4)		
Syllabus coverage as per course plan (B)	Good(4)		
Conduct of Tutorial Classes (B)	Good(4)		
Evaluation of Answer Scripts (A):	Good(4)		
Conduct of practical courses (B)	Good(4)	Required no. of experiments experiments done, and facilities available.	
Evaluation of students performance in practical classes (A):	Good(4)		

Facility to do experiments in the lab (A)	Good(4)	Adequate facilities are available. However, the following suggestions may be included: -Proper display of name boards with specification of equipments, -Notice board with list of experiments, Batch list of students, university syllabus, Course plan etc. -Proper and updated service and maintenance register -Try to maintain and utilize all the equipment in the laboratories.	Display has been updated.
Conduct of remedial/minor/honours classes (B)	Good(4)		
Maintenance of course diary (A)	Good(4)	Attendance, internal marks split-up, final internal marks etc. should be clearly entered without overwriting and corrections. Cross-checking for attendance % and internal marks with KTU portal is necessary to rectify any discrepancies in entry of attendance and marks.	Will be taken care.
Assessment of Outcomes (A)	Fair(3)	Follow the course outcome assessment mentioned in KTU audit manual(section 5)	It is exactly followed as per KTU audit manual section 5 from 2019.
Faculty evaluation amp remarks of the HoD (A)	Good(4)		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Good(4)		
Computing facility in the department (A)	Good(4)		

Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Good(4)		

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)		
Advisory meetings and action taken report (B)	Good(4)		
Syllabus coverage as per course plan (B)	Good(4)		
Conduct of Tutorial Classes (B)	Good(4)		
Evaluation of Answer Scripts (A):	Good(4)		
Conduct of practical courses (B)	Good(4)	Required no. of experiments experiments done, and facilities available.	
Evaluation of students performance in practical classes (A):	Good(4)		

Facility to do experiments in the lab (A)	Good(4)	Adequate facilities are available. However, the following suggestions may be included: -Proper display of name boards with specification of equipments, -Notice board with list of experiments, Batch list of students, university syllabus, Course plan etc. -Proper and updated service and maintenance register -Try to maintain and utilize all the equipment in the laboratories.	Display has been updated.
Conduct of remedial/minor/honours classes (B)	Good(4)		
Maintenance of course diary (A)	Good(4)	Attendance, internal marks split-up, final internal marks etc. should be clearly entered without overwriting and corrections. Cross-checking for attendance % and internal marks with KTU portal is necessary to rectify any discrepancies in entry of attendance and marks.	Will be taken care.
Assessment of Outcomes (A)	Fair(3)	Follow the course outcome assessment mentioned in KTU audit manual(section 5)	It is exactly followed as per KTU audit manual section 5 from 2019.
Faculty evaluation amp remarks of the HoD (A)	Good(4)		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Good(4)		
Computing facility in the department (A)	Good(4)		

Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Good(4)		

M.Tech

No of M.Tech Students	11
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CIVIL ENGINEERING(GEOMECHANICS AND STRUCTURES)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Good(4)		
Syllabus coverage as per course plan (B)	Good(4)		
Evaluation of Answer Scripts (A):	Good(4)		
Maintenance of course diary (A)	Good(4)	Attendance, internal marks split-up, final internal marks etc. should be clearly entered without overwriting and corrections. Cross-checking for attendance % and internal marks with KTU portal is necessary to rectify any discrepancies in entry of attendance and marks.	Will be taken care.
Faculty evaluation amp remarks of the HoD (A)	Good(4)		
Facility in the department library for references (C)	Good(4)		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Good(4)		
Faculty with Ph.D for the program (A)	Good(4)		

Computing facility in the department (A)	Good(4)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Good(4)		