



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

Academic Audit Report
2019 - 2020

Basic Details

Institution	AWH ENGINEERING COLLEGE
First Auditor Name	G R Gnana King
Second Auditor Name	
Visit	First
Semester Type	Odd

College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU	Good(4)		
Functioning of students grievances and appeal committee	Fair(3)	verify the files	So far no students have filed any grievance during this academic year
Functioning of Academic Discipline & Welfare committee	Fair(3)		Noted
Facility for co- curricular and extracurricular activities	Good(4)		
Average student to faculty ratio	Fair(3)	0.89755	Average student faculty ratio including ad-hoc faculty is 0.9808
Faculty Retention	Good(4)	verified the register	
Faculty Qualification Index	Very Poor(1)	FQI=3.8	Noted. Five faculty members are doing PhD. Two of them are in final stage

Number of qualified technical staff	Good(4)	16	
Facility of central library with respect to volume and title of books, online & print journals	Excellent(5)		
Functioning of IQAC and progress of IQAC report uploading	Excellent(5)		
Principal's response on previous audit reports	Excellent(5)		

Student Interaction

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage	Excellent(5)		
Lab Facility and conduct of Labs	Excellent(5)		
Co-curricular facility	Excellent(5)		
Extra-curricular facility	Excellent(5)		
All intimation from University conveyed properly in time	Excellent(5)		
Extra fees/fine imposed on students	Excellent(5)		
Approach of the management in addressing student grievances	Good(4)		
Availability of Faculty for all subjects	Excellent(5)		
Any other remarks	Not Relevant		

B.Tech

No of B.Tech Students	557
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CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	Good(4)	Include action taken report	Noted
Advisory meetings and action taken report	Good(4)	Include action taken report	Noted
Schedule of Time Table	Good(4)	Mention the Tutorial Hour in Time table	Noted
Conduct of Tutorial Classes	Excellent(5)		
Conduct of series tests	Excellent(5)		
Syllabus coverage of practical course	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of Practical test	Excellent(5)		
Facility to do experiments in the lab	Excellent(5)		
Conduct of remedial/minor/honours classes	Excellent(5)		
Assessment of Outcomes	Excellent(5)		
Faculty evaluation & remarks of the HOD	Good(4)		
Facility in the department library for references	Excellent(5)		
Maintenance of course diary	Excellent(5)		
Syllabus coverage as per course plan	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	Good(4)	Include action taken report	Noted
Advisory meetings and action taken report	Good(4)	Include action taken report	Noted
Schedule of Time Table	Good(4)	Include Tutorial Hour in Time table	Noted
Conduct of Tutorial Classes	Excellent(5)		
Conduct of series tests	Excellent(5)		
Syllabus coverage of practical course	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of Practical test	Excellent(5)		
Facility to do experiments in the lab	Excellent(5)		
Conduct of remedial/minor/honours classes	Excellent(5)		
Assessment of Outcomes	Excellent(5)		
Faculty evaluation & remarks of the HOD	Good(4)		
Facility in the department library for references	Excellent(5)		
Maintenance of course diary	Excellent(5)		
Syllabus coverage as per course plan	Excellent(5)		

MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	Good(4)	Include action taken report	Noted
Advisory meetings and action taken report	Good(4)	Include action taken report	Noted

Schedule of Time Table	Good(4)	Include Tutorial Hour in Timetable	Noted
Conduct of Tutorial Classes	Excellent(5)		
Conduct of series tests	Excellent(5)		
Syllabus coverage of practical course	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of Practical test	Excellent(5)		
Facility to do experiments in the lab	Excellent(5)		
Conduct of remedial/minor/honours classes	Excellent(5)		
Assessment of Outcomes	Excellent(5)		
Faculty evaluation & remarks of the HOD	Good(4)		
Facility in the department library for references	Excellent(5)		
Maintenance of course diary	Excellent(5)		
Syllabus coverage as per course plan	Excellent(5)		

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	Good(4)	Include action taken report	Noted
Advisory meetings and action taken report	Good(4)	Include action taken report	Noted
Schedule of Time Table	Good(4)	Include Tutorial hour in timetable	Noted
Conduct of Tutorial Classes	Excellent(5)		
Conduct of series tests	Excellent(5)		

Syllabus coverage of practical course	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of Practical test	Excellent(5)		
Facility to do experiments in the lab	Excellent(5)		
Conduct of remedial/minor/honours classes	Excellent(5)		
Assessment of Outcomes	Excellent(5)		
Faculty evaluation & remarks of the HOD	Good(4)		
Facility in the department library for references	Excellent(5)		
Maintenance of course diary	Excellent(5)		
Syllabus coverage as per course plan	Excellent(5)		

ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	Good(4)	Include action taken report	Noted
Advisory meetings and action taken report	Good(4)	Include action taken report	Noted
Schedule of Time Table	Good(4)	include tutorial hour in timetable	Noted
Conduct of Tutorial Classes	Excellent(5)		
Conduct of series tests	Excellent(5)		
Syllabus coverage of practical course	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		

Conduct of Practical test	Excellent(5)		
Facility to do experiments in the lab	Excellent(5)		
Conduct of remedial/minor/honours classes	Excellent(5)		
Assessment of Outcomes	Excellent(5)		
Faculty evaluation & remarks of the HOD	Good(4)		
Facility in the department library for references	Excellent(5)		
Maintenance of course diary	Excellent(5)		
Syllabus coverage as per course plan	Excellent(5)		

M.Tech

No of M.Tech Students	26
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ELECTRONICS AND COMMUNICATION ENGINEERING(VLSI DESIGN)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Not Relevant		
Syllabus coverage as per course plan	Not Relevant		
Class committee meetings and action taken report	Not Relevant		
Conduct of Seminar & Mini project	Not Relevant		
Conduct of Thesis	Not Relevant		
Faculty with Ph.D for the program	Very Poor(1)		
Students attending MOOC or other online courses	Not Relevant		
Facility in the department library for journal reference	Not Relevant		

Computing facility in the department	Not Relevant		
Facility available in the department to do thesis work(all relevant licensed software)	Not Relevant		

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Class committee meetings and action taken report	Good(4)	Include action taken report	Noted
Conduct of Seminar & Mini project	Excellent(5)		
Conduct of Thesis	Excellent(5)		
Faculty with Ph.D for the program	Very Poor(1)		Two faculty members are doing PhD
Students attending MOOC or other online courses	Poor(2)		Noted. B.Tech students have registered for MOOC courses. M.Tech students will also be encouraged to do MOOC courses.
Facility in the department library for journal reference	Excellent(5)		
Computing facility in the department	Good(4)		
Facility available in the department to do thesis work(all relevant licensed software)	Fair(3)		Noted

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
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Maintenance of course diary	Not Relevant		
Syllabus coverage as per course plan	Not Relevant		
Class committee meetings and action taken report	Not Relevant		
Conduct of Seminar & Mini project	Not Relevant		
Conduct of Thesis	Not Relevant		
Faculty with Ph.D for the program	Not Relevant		
Students attending MOOC or other online courses	Not Relevant		
Facility in the department library for journal reference	Not Relevant		
Computing facility in the department	Not Relevant		
Facility available in the department to do thesis work(all relevant licensed software)	Not Relevant		

ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS AND DRIVES)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Not Relevant		
Syllabus coverage as per course plan	Not Relevant		
Class committee meetings and action taken report	Not Relevant		
Conduct of Seminar & Mini project	Not Relevant		
Conduct of Thesis	Not Relevant		
Faculty with Ph.D for the program	Not Relevant		
Students attending MOOC or other online courses	Not Relevant		

Facility in the department library for journal reference	Not Relevant		
Computing facility in the department	Not Relevant		
Facility available in the department to do thesis work(all relevant licensed software)	Not Relevant		

CIVIL ENGINEERING(STRUCTURAL ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Excellent(5)		
Syllabus coverage as per course plan	Excellent(5)		
Class committee meetings and action taken report	Good(4)	Include action taken report	Noted
Conduct of Seminar & Mini project	Excellent(5)		
Conduct of Thesis	Excellent(5)		
Faculty with Ph.D for the program	Good(4)		
Students attending MOOC or other online courses	Very Poor(1)		Noted. B.Tech students do register for MOOC courses. M.Tech students will also be encouraged to do MOOC courses.
Facility in the department library for journal reference	Excellent(5)		
Computing facility in the department	Good(4)		
Facility available in the department to do thesis work(all relevant licensed software)	Fair(3)		

MECHANICAL ENGINEERING(INDUSTRIAL ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Not Relevant		
Syllabus coverage as per course plan	Not Relevant		
Class committee meetings and action taken report	Not Relevant		
Conduct of Seminar & Mini project	Not Relevant		
Conduct of Thesis	Not Relevant		
Faculty with Ph.D for the program	Not Relevant		
Students attending MOOC or other online courses	Not Relevant		
Facility in the department library for journal reference	Not Relevant		
Computing facility in the department	Not Relevant		
Facility available in the department to do thesis work(all relevant licensed software)	Not Relevant		

MCA

No of MCA Students	26
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MASTERS IN COMPUTER APPLICATIONS-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Not Relevant		Course diary files verified by external auditor
Syllabus coverage as per course plan	Not Relevant		syllabus coverage verified by auditor
Class committee meetings and action taken report	Not Relevant		Class committee minutes verified by auditor
Conduct of Seminar & Mini project	Not Relevant		Verified by auditor

Conduct of Thesis	Not Relevant		Verified by auditor
Faculty with Ph.D for the program	Very Poor(1)		Noted
Students attending MOOC or other online courses	Not Relevant		
Facility in the department library for journal reference	Not Relevant		Verified by auditor
Computing facility in the department	Not Relevant		Verified by auditor
Facility available in the department to do thesis work(all relevant licensed software)	Not Relevant		Verified by auditor