



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

Academic Audit Report  
2020 - 2021

**Basic Details**

Institution	SREE NARAYANA GURUKULAM COLLEGE OF ENGINEERING
First Auditor Name	P K Satheeshbabu
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 (B)	Excellent(5)		
Functioning of students grievances and appeal committee (B)	Good(4)		
Average student to faculty ratio (A)	Excellent(5)	1.08	
Faculty Qualification Index (A)	Fair(3)	5.02	Will try to improve
Number of qualified technical staff (A)	Good(4)		
Facility of central library with respect to volume, title of books, online print journals (A)	Good(4)	51654 books available	
Functioning of IQAC and Progress of IQAC report uploading (A)	Good(4)	<i>see with</i>	<i>see with</i>



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**Student Interaction**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage (B)	Excellent(5)		
Effectiveness of teaching/learning process	Good(4)		
Conduct of Labs (B)	Fair(3)		Labs will be effectively conducted during contact class hours
Continuous assessment (B)	Good(4)		
Interaction/discussion/doubt clearing etc (A)	Good(4)		
Net connectivity issue	Good(4)		
Extra fees/fine imposed on students (B)	Not Relevant		
Approach of the management/institution in addressing student grievances (B)	Good(4)		
Availability of Faculty for all subjects (A)	Excellent(5)		
Any other remarks (C)	Not Relevant	NIL	

**NAVAL ARCHITECTURE & SHIP BUILDING 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)		
Result analysis of previous odd semester (A)	Good(4)		
Syllabus coverage as per course plan (A)	Excellent(5)		



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Platform used for LMS/Course materials and lectures uploaded (A)	Good(4)		
Conduct of minor/honours classes (A)	Good(4)		
NPTEL/SWAYAM course materials recommended for reading (B)	Good(4)		
Conduct of Internal assessments for theory and lab classes (A)	Good(4)		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Good(4)		
Conduct of series tests (A)	Excellent(5)		
Maintenance of course diary (A)	Good(4)		
Register showing Activity points (B)	Good(4)		
Conduct of laboratory classes with relevant details(A)	Fair(3)		Will be conducted during contact classes
Online Faculty evaluation amp remarks of the HoD (A)	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)		
Result analysis of previous odd semester (A)	Fair(3)		Will try to improve
Syllabus coverage as per course plan (A)	Excellent(5)	with A	A Huse





Platform used for LMS/Course materials and lectures uploaded (A)	Good(4)		
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)	Good(4)		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Good(4)		
Conduct of series tests (A)	Excellent(5)		
Maintenance of course diary (A)	Good(4)		
Register showing Activity points (B)	Good(4)		
Conduct of laboratory classes with relevant details(A)	Fair(3)		Will be conducted during contact class
Online Faculty evaluation amp remarks of the HoD (A)	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)		
Result analysis of previous odd semester (A)	Poor(2)		Steps are taken to improve the results
Syllabus coverage as per course plan (A)	Excellent(5)	<i>A. Huse</i>	



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Platform used for LMS/Course materials and lectures uploaded (A)	Good(4)		
Conduct of minor/honours classes (A)	Good(4)		
NPTEL/SWAYAM course materials recommended for reading (B)	Fair(3)		Will improve
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)	Good(4)		
Conduct of series tests (A)	Good(4)		
Maintenance of course diary (A)	Good(4)		
Register showing Activity points (B)	Good(4)		
Conduct of laboratory classes with relevant details(A)	Fair(3)		Will be conducted during contact classes
Online Faculty evaluation amp remarks of the HoD (A)	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)		
Result analysis of previous odd semester (A)	Fair(3)		Will improve
Syllabus coverage as per course plan (A)	Excellent(5)		<i>A. Huse</i>



Platform used for LMS/Course materials and lectures uploaded (A)	Good(4)		
Conduct of minor/honours classes (A)	Good(4)		
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)	Good(4)		
Conduct of series tests (A)	Excellent(5)		
Maintenance of course diary (A)	Good(4)		
Register showing Activity points (B)	Good(4)		
Conduct of laboratory classes with relevant details(A)	Fair(3)		Will be conducted during contact classes
Online Faculty evaluation amp remarks of the HoD (A)	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)		
Result analysis of previous odd semester (A)	Good(4)		
Syllabus coverage as per course plan (A)	Good(4)		

*A. Hase*

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Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)		
Conduct of minor/honours classes (A)	Not Relevant	No courses offered	
NPTEL/SWAYAM course materials recommended for reading (B)	Fair(3)	Only for few subjects	Will give for more subjects
Conduct of Internal assessments for theory and lab classes (A)	Good(4)		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Good(4)		
Conduct of series tests (A)	Good(4)	As per KTU calendar	
Maintenance of course diary (A)	Good(4)		
Register showing Activity points (B)	Good(4)		
Conduct of laboratory classes with relevant details(A)	Fair(3)		Will be conducted during contact classes
Online Faculty evaluation amp remarks of the HoD (A)	Good(4)		

**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)		
Result analysis of previous odd semester (A)	Fair(3)		Will try to improve
Syllabus coverage as per course plan (A)	Excellent(5)	<i>see the</i>	

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Platform used for LMS/Course materials and lectures uploaded (A)	Good(4)		
Conduct of minor/honours classes (A)	Good(4)		
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)	Good(4)		
Conduct of series tests (A)	Excellent(5)		
Maintenance of course diary (A)	Good(4)		
Register showing Activity points (B)	Good(4)		
Conduct of laboratory classes with relevant details(A)	Fair(3)		Will be conducted during contact classes
Online Faculty evaluation amp remarks of the HoD (A)	Good(4)		

**CIVIL ENGINEERING(STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT)-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Good(4)		
Result analysis of previous odd semester (A)	Excellent(5)		
Syllabus coverage as per course plan (A)	Excellent(5)		

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Platform used for LMS/Course materials and lectures uploaded (A)	Good(4)		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Good(4)		
Maintenance of course diary (A)	Good(4)		
Conduct of Seminar Mini project (A)	Excellent(5)		
Faculty with Ph.D for the program (A)	Good(4)		
Students attending MOOC or other online courses (B)	Good(4)		
Conduct of Thesis (A)	Excellent(5)		

**COMPUTER SCIENCE AND ENGINEERING(CYBER SECURITY)-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Not Yet Rated		
Result analysis of previous odd semester (A)	Not Yet Rated		
Syllabus coverage as per course plan (A)	Not Yet Rated		
Platform used for LMS/Course materials and lectures uploaded (A)	Not Yet Rated		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Not Yet Rated		
Maintenance of course diary (A)	Not Yet Rated		
Conduct of Seminar Mini project (A)	Not Yet Rated		

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Faculty with Ph.D for the program (A)	Not Yet Rated		
Students attending MOOC or other online courses (B)	Not Yet Rated		
Conduct of Thesis (A)	Not Yet Rated		

**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)	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		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Conduct of Seminar Mini project (A)	Not Relevant		
Faculty with Ph.D for the program (A)	Not Relevant		
Students attending MOOC or other online courses (B)	Not Relevant		
Conduct of Thesis (A)	Not Relevant		

**MECHANICAL ENGINEERING(MACHINE DESIGN)-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Not Relevant		

  
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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		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Conduct of Seminar Mini project (A)	Not Relevant		
Faculty with Ph.D for the program (A)	Not Relevant		
Students attending MOOC or other online courses (B)	Not Relevant		
Conduct of Thesis (A)	Not Relevant		

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee 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		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Not Relevant		





Maintenance of course diary (A)	Not Relevant		
Conduct of Seminar Mini project (A)	Not Relevant		
Faculty with Ph.D for the program (A)	Not Relevant		
Students attending MOOC or other online courses (B)	Not Relevant		
Conduct of Thesis (A)	Not Relevant		

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee 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		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Conduct of Seminar Mini project (A)	Not Relevant		
Faculty with Ph.D for the program (A)	Not Relevant		
Students attending MOOC or other online courses (B)	Not Relevant		
Conduct of Thesis (A)	Not Relevant		

**CIVIL ENGINEERING(COMPUTER AIDED STRUCTURAL ENGINEERING)-(Full Time)**

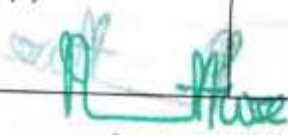


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Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Not Relevant		
Result analysis of previous odd semester (A)	Not Relevant		
Syllabus coverage as per course plan (A)	Not Relevant		
Platform used for LMS/Course materials and lectures uploaded (A)	Not Relevant		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Conduct of Seminar Mini project (A)	Not Relevant		
Faculty with Ph.D for the program (A)	Not Relevant	faculty with phd	
Students attending MOOC or other online courses (B)	Not Relevant		
Conduct of Thesis (A)	Not Relevant	phase1 first review over	

**MASTERS IN BUSINESS ADMINISTRATION-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Good(4)		
Result analysis of previous odd semester (A)	Not Yet Rated	No result publishes	
Syllabus coverage as per course plan (A)	Good(4)		
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)		

  
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 Page No: 13



The mechanisms for taking feedback as to whether the online classes are effective (B)	Good(4)		
Maintenance of course diary (A)	Good(4)		
Conduct of Seminar Mini project (A)	Not Yet Rated		
Faculty with Ph.D for the program (A)	Good(4)		
Students attending MOOC or other online courses (B)	Good(4)		
Conduct of Thesis (A)	Not Yet Rated	Not applicable	

#### **MASTERS IN COMPUTER APPLICATIONS-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Good(4)		
Result analysis of previous odd semester (A)	Good(4)		
Syllabus coverage as per course plan (A)	Good(4)		
Platform used for LMS/Course materials and lectures uploaded (A)	Good(4)		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Good(4)		
Maintenance of course diary (A)	Good(4)		
Conduct of Seminar Mini project (A)	Good(4)		
Faculty with Ph.D for the program (A)	Good(4)		
Students attending MOOC or other online courses (B)	Not Yet Rated	nil	



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Conduct of Thesis (A)	Not Yet Rated	NA	
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**MCA 2nd Year Direct-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Not Yet Rated		
Result analysis of previous odd semester (A)	Not Yet Rated		
Syllabus coverage as per course plan (A)	Not Yet Rated		
Platform used for LMS/Course materials and lectures uploaded (A)	Not Yet Rated		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Not Yet Rated		
Maintenance of course diary (A)	Not Yet Rated		
Conduct of Seminar Mini project (A)	Not Yet Rated		
Faculty with Ph.D for the program (A)	Not Yet Rated		
Students attending MOOC or other online courses (B)	Not Yet Rated		
Conduct of Thesis (A)	Not Yet Rated		

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## ACTION TAKEN REPORT

Based on First KTU External Academic Audit Report 2020-2021(Odd)

IQAC analysed the audit report and the following actions were initiated.

### Observations

- Conduct of laboratory classes need to be improved.
- Results of previous semester need to be improved

### Action Taken

Principal directed the HoDs and Faculty Advisors to

- Develop a detailed plan for conducting laboratory classes during contact sessions.
- Offer academic support programs such as tutoring, study groups, or workshops to help students who struggled in the previous semester to improve results.

IQAC Coordinator



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