



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

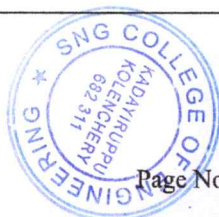
**Academic Audit Report  
2019 - 2020**

**Basic Details**

Institution	SREE NARAYANA GURUKULAM COLLEGE OF ENGINEERING
First Auditor Name	Gylson Thomas
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)	Almost in comply with the KTU calendar	
Functioning of students grievances and appeal committee	Fair(3)	Conducting meeting regularly, but no specific agenda.	Meeting with agenda will be convened
Functioning of Academic Discipline & Welfare committee	Fair(3)	Convening meeting regularly, but could not find any productive decision.	Will be held as more productive
Facility for co- curricular and extracurricular activities	Good(4)	Sufficient facilities are available	
Average student to faculty ratio	Excellent(5)	1.14	
Faculty Retention	Excellent(5)	Notable number of faculty were left college during the last 2 years. However minimum ratio is maintaining	
Faculty Qualification Index	Fair(3)	5.16	Will try to improve



Number of qualified technical staff	Good(4)	Sufficient technical staff are available	
Facility of central library with respect to volume and title of books, online & print journals	Good(4)	44257 Volumes of books are available, but reputed Journal subscription not renewed.	
Functioning of IQAC and progress of IQAC report uploading	Fair(3)	IQAC report may be more exhaustive.	Will try to improve
Principal's response on previous audit reports	Very Poor(1)	No evidence for Principal's response.	This error is regretted

### Student Interaction

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage	Good(4)	Almost in comply with the schedule	
Lab Facility and conduct of Labs	Good(4)	Lab facilities are sufficient and conducting smoothly	
Co-curricular facility	Good(4)	Sufficient facilities are available	
Extra-curricular facility	Good(4)	Sufficient facilities are available	
All intimation from University conveyed properly in time	Excellent(5)	Proper communication system is existing	
Extra fees/fine imposed on students	Excellent(5)	No concern raised by students on additional fees	
Approach of the management in addressing student grievances	Fair(3)	Students are satisfied on this matter	We will improve
Availability of Faculty for all subjects	Good(4)	Sufficient faculty are available.	
Any other remarks	Not Relevant	Maintenance and up-gradation of facilities are lacking.	We are working on it.

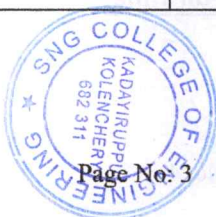


**B.Tech**

<b>No of B.Tech Students</b>	996
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**MECHANICAL ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report	Good(4)	Meeting is convening as per the schedule.	
Advisory meetings and action taken report	Fair(3)	No evidence on action taken	We will improve
Schedule of Time Table	Excellent(5)	Detailed time table is available	
Conduct of Tutorial Classes	Fair(3)	Not evident from the available documents	Evidence will be provided
Conduct of series tests	Good(4)	Conducting as per the schedule.	
Syllabus coverage of practical course	Excellent(5)	Uptodate	
Evaluation of students performance in practical classes	Good(4)	Continuous evaluation need to be regular.	
Conduct of Practical test	Good(4)	In comply with the plan	
Facility to do experiments in the lab	Good(4)	Well equipped labs, however continuous evaluation is not evident	
Conduct of remedial/minor/honours classes	Fair(3)	Not able to asses properly with the available data	Data will be made available
Assessment of Outcomes	Poor(2)	POs are to be reviewed	Getting done
Faculty evaluation & remarks of the HOD	Fair(3)	No evidence for effectiveness	Effectiveness data will be made available
Facility in the department library for references	Fair(3)	Functioning need improvement	Students are using main library
Maintenance of course diary	Good(4)	Maintaining properly	



Syllabus coverage as per course plan	Good(4)	Following the course plan	
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**COMPUTER SCIENCE & ENGINEERING-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	Good(4)	Regular	
Advisory meetings and action taken report	Good(4)	Regular	
Schedule of Time Table	Excellent(5)	Detailed time table is available	
Conduct of Tutorial Classes	Fair(3)	Following syllabus	We will try to improve
Conduct of series tests	Good(4)	Following academic plan	
Syllabus coverage of practical course	Good(4)	Following the schedule	
Evaluation of students performance in practical classes	Good(4)	Continuous evaluation need to be regular	
Conduct of Practical test	Good(4)	Following the schedule	
Facility to do experiments in the lab	Good(4)	Required facilities are available	
Conduct of remedial/minor/honours classes	Fair(3)	Conducting as per the requirement	We will try to improve
Assessment of Outcomes	Fair(3)	POs are to be reviewed	Getting done
Faculty evaluation & remarks of the HOD	Fair(3)	Process is existing	We will improve
Facility in the department library for references	Fair(3)	Meet the requirements	Students are using central library
Maintenance of course diary	Good(4)	Uptodate	
Syllabus coverage as per course plan	Good(4)	Almost in comply with the plan	

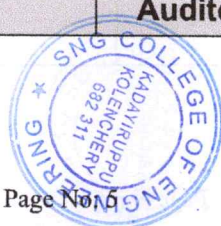
**ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)**



Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	Good(4)	Meeting is convening as per the schedule.	
Advisory meetings and action taken report	Good(4)	No evidence on action taken	
Schedule of Time Table	Excellent(5)	Detailed time table is available	
Conduct of Tutorial Classes	Fair(3)	Tutorial classes are conducting as per the syllabus	Will try to improve
Conduct of series tests	Good(4)	Conducting as per the schedule.	
Syllabus coverage of practical course	Good(4)	Following the schedule.	
Evaluation of students performance in practical classes	Good(4)	Doing smoothly	
Conduct of Practical test	Good(4)	As per the schedule	
Facility to do experiments in the lab	Good(4)	Required facilities are available	
Conduct of remedial/minor/honours classes	Fair(3)	Conducting as per the requirement.	We will try to improve
Assessment of Outcomes	Fair(3)	POs are to be reviewed	Getting done
Faculty evaluation & remarks of the HOD	Fair(3)	No evidence for effectiveness	Effectiveness data will be made available
Facility in the department library for references	Fair(3)	Not upto the mark	Students are depending on central library
Maintenance of course diary	Good(4)	Maintaining properly	
Syllabus coverage as per course plan	Good(4)	Following the course plan	

#### CIVIL 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)	Conducting meetings as per the schedule.	
Advisory meetings and action taken report	Fair(3)	Action taken is not evident	Action taken will be recorded
Schedule of Time Table	Excellent(5)	Detailed time table is available	
Conduct of Tutorial Classes	Fair(3)	Not evident for certain courses	Data will be made available
Conduct of series tests	Good(4)	Following as per the schedule.	
Syllabus coverage of practical course	Good(4)	In comply with the plan	
Evaluation of students performance in practical classes	Good(4)	Meet the requirements	
Conduct of Practical test	Good(4)	Following good practice	
Facility to do experiments in the lab	Good(4)	Faculties are available	
Conduct of remedial/minor/honours classes	Fair(3)	Conducting as per the requirement.	we will try to improve
Assessment of Outcomes	Fair(3)	POs are to be reviewed	Getting done
Faculty evaluation & remarks of the HOD	Fair(3)	Make it more productive.	we will try to improve
Facility in the department library for references	Fair(3)	Under utilized	Students are using central library
Maintenance of course diary	Good(4)	Properly maintaining	
Syllabus coverage as per course plan	Good(4)	Slight deviation	

#### NAVAL ARCHITECTURE & SHIP BUILDING ENGG-(Full Time)

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



Advisory meetings and action taken report	Good(4)	Effectively conducting	
Schedule of Time Table	Excellent(5)	Detailed time table is available	
Conduct of Tutorial Classes	Good(4)	Tutorial classes are conducting as per the syllabus	
Conduct of series tests	Good(4)	Conduct of series tests are in comply with the academic calendar	
Syllabus coverage of practical course	Good(4)	Following the schedule.	
Evaluation of students performance in practical classes	Good(4)	Effective continuous evaluation system is existing	
Conduct of Practical test	Good(4)	Following the schedule	
Facility to do experiments in the lab	Good(4)	Required facilities are available	
Conduct of remedial/minor/honours classes	Good(4)	Conducting as per the requirement	
Assessment of Outcomes	Fair(3)	POs are to be reviewed	Getting done
Faculty evaluation & remarks of the HOD	Good(4)	Effective process is existing	
Facility in the department library for references	Good(4)	Meet the requirements	
Maintenance of course diary	Good(4)	Properly maintaining	
Syllabus coverage as per course plan	Good(4)	Slight deviation	

#### **ELECTRONICS & COMMUNICATION ENGG-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report	Good(4)	Meeting is convening as per the schedule.	



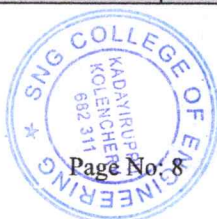
Advisory meetings and action taken report	Fair(3)	No evidence on action taken	Action taken data will be recorded
Schedule of Time Table	Excellent(5)	Detailed time table is available	
Conduct of Tutorial Classes	Fair(3)	Tutorial classes are conducting as per the syllabus	We will try to improve
Conduct of series tests	Good(4)	Conducting as per the schedule.	
Syllabus coverage of practical course	Good(4)	Following the schedule.	
Evaluation of students performance in practical classes	Good(4)	Continuous evaluation need to be regular.	
Conduct of Practical test	Good(4)	Conducting as per the schedule	
Facility to do experiments in the lab	Good(4)	Required facilities are available	
Conduct of remedial/minor/honours classes	Fair(3)	Conducting as per the requirement	More classes will be conducted
Assessment of Outcomes	Fair(3)	POs are to be reviewed	Getting done
Faculty evaluation & remarks of the HOD	Fair(3)	Process is existing	We will try to improve
Facility in the department library for references	Fair(3)	Meet the requirements	Students are using central library
Maintenance of course diary	Good(4)	Maintaining properly	
Syllabus coverage as per course plan	Good(4)	Almost in comply with the plan	

#### M.Tech

No of M.Tech Students	28
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#### COMPUTER SCIENCE AND ENGINEERING(CYBER SECURITY)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
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Maintenance of course diary	Not Relevant	First year no students and only 1 student in the second year	
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		

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Not Relevant	No students admitted during the last two years.	
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		

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Not Relevant	No students admitted for the last two years.	
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)-(Full Time)**



Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Not Relevant	No students	
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		

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Not Relevant	No students in first year as well as in the second year	
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(COMPUTER AIDED STRUCTURAL ENGINEERING)-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Good(4)	No students in the first year and only 5 students in the second year	
Syllabus coverage as per course plan	Good(4)	Following the plan	
Class committee meetings and action taken report	Good(4)		
Conduct of Seminar & Mini project	Good(4)	Meeting requirement	
Conduct of Thesis	Good(4)	Meeting requirement	
Faculty with Ph.D for the program	Fair(3)		We will try to improve
Students attending MOOC or other online courses	Fair(3)	Not up to the mark	We will improve
Facility in the department library for journal reference	Fair(3)	Journals not available	Available in the central library
Computing facility in the department	Good(4)	Meeting requirement	
Facility available in the department to do thesis work(all relevant licensed software)	Good(4)	Meeting requirement	

**ELECTRONICS AND COMMUNICATION ENGINEERING(VLSI AND EMBEDDED SYSTEMS)-(Full Time)**



Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Not Relevant	No students admitted during the last two years.	
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 AND CONSTRUCTION MANAGEMENT)-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Good(4)	First year 8 students and Second year 14 students Course diary uptodate	
Syllabus coverage as per course plan	Good(4)	Following course plan	
Class committee meetings and action taken report	Good(4)	Conducting as per the requirement	
Conduct of Seminar & Mini project	Good(4)	Meet the requirements	
Conduct of Thesis	Good(4)	Meet the requirements	



Faculty with Ph.D for the program	Fair(3)		we will improve
Students attending MOOC or other online courses	Fair(3)		we will improve
Facility in the department library for journal reference	Fair(3)	Journals not available	Available in central library
Computing facility in the department	Good(4)	Meet the requirements	
Facility available in the department to do thesis work(all relevant licensed software)	Good(4)	Meet the requirements	

### MBA

No of MBA Students	104
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### MASTERS IN BUSINESS ADMINISTRATION-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Good(4)	Maintaining properly	
Syllabus coverage as per course plan	Good(4)	In comply with the plan	
Class committee meetings and action taken report	Good(4)	Meet the requirements	
Conduct of Seminar & Mini project	Good(4)	Meet the requirements	
Conduct of Thesis	Good(4)	Meet the requirements	
Faculty with Ph.D for the program	Fair(3)		All are doing Ph.D
Students attending MOOC or other online courses	Fair(3)		We will improve
Facility in the department library for journal reference	Fair(3)	Meet the requirements	We will improve
Computing facility in the department	Good(4)	Meet the requirements	



Facility available in the department to do thesis work(all relevant licensed software)	Good(4)	Meet the requirements	
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**MCA**

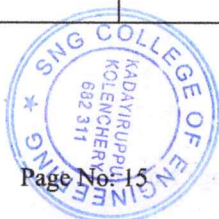
<b>No of MCA Students</b>	94
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**MASTERS IN COMPUTER APPLICATIONS-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Excellent(5)	Maintaining properly	
Syllabus coverage as per course plan	Excellent(5)	In comply with the plan	
Class committee meetings and action taken report	Good(4)	Meet the requirements	
Conduct of Seminar & Mini project	Good(4)	Meet the requirements	
Conduct of Thesis	Good(4)	Meet the requirements	
Faculty with Ph.D for the program	Fair(3)		Many are doing
Students attending MOOC or other online courses	Fair(3)		We will improve
Facility in the department library for journal reference	Fair(3)	Journals not sufficient	Available in the main library
Computing facility in the department	Good(4)	Meet the requirements	
Facility available in the department to do thesis work(all relevant licensed software)	Good(4)	Meet the requirements	

**MCA 2nd Year Direct-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Excellent(5)	Properly maintaining	



Syllabus coverage as per course plan	Excellent(5)	In comply with the plan	
Class committee meetings and action taken report	Excellent(5)	Regularly conducting	
Conduct of Seminar & Mini project	Good(4)	Meet the requirements	
Conduct of Thesis	Good(4)	Meet the requirements	
Faculty with Ph.D for the program	Fair(3)		Many are doing
Students attending MOOC or other online courses	Good(4)		
Facility in the department library for journal reference	Good(4)	Journals are not sufficient	
Computing facility in the department	Good(4)	Meet the requirements	
Facility available in the department to do thesis work(all relevant licensed software)	Good(4)	Meet the requirements	



*[Handwritten signature in green ink]*

**PRINCIPAL**  
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