

# 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	
isit	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)		
verage 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)	$\supset I$	(D) M

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### Student Interaction

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage (B)	Excellent(5)	Like Committed A	
Effectiveness of teaching/learning process	Good(4)	on ricos.	
Conduct of Labs (B)	Fair(3)	Sy, and their	Labs will be effectively conducted during contact class hours
Continuous assessment (B)	Good(4)	HC THE RT	OHERWINE CO.
Interaction/discussion/doub t clearing etc (A)	Good(4)	N-4	
Net connectivity issue	Good(4)	LED	my/I min
Extra fees/fine imposed on students (B)	Not Relevant		
Approach of the management/institution in addressing student grievances (B)	Good(4)	. "	with an
Availability of Faculty for all subjects (A)	Excellent(5)		(E)
Any other remarks (C)	Not Relevant	NIL	Marcal trial 2007

### 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)		THE PLANT OF THE
Advisory meetings and action taken report (B)	Good(4)		- 31 perd kerning to per
Result analysis of previous odd semester (A)	Good(4)	M	- Mun
Syllabus coverage as per course plan (A)	Excellent(5)	11000	(A) possolna



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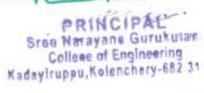
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Platform used for LMS/Course materials and lectures uploaded (A)	Good(4)		
Conduct of minor/honours classes (A)	Good(4)		
NPTEL/SWAYAM course materials recommended for reading (B)	Good(4)		
Conduct of Internal assessments for theory and lab classes (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)	9)	
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)	R	A Alive





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)	or control manifestation
Maintenance of course diary (A)	Good(4)	District Control of the Control of t
Register showing Activity points (B)	Good(4)	
Conduct of laboratory classes with relevant details(A)	Fair(3)	Will be conducted durin contact class
Online Faculty evaluation amp remarks of the HoD (A)	Good(4)	A CONTRACTOR OF THE PARTY OF TH

## 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)	A Home	A migrania vida

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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)	M	P_Hos

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Platform used for LMS/Course materials and lectures uploaded (A)	Good(4)	
Conduct of minor/honours classes (A)	Good(4)	Hotel Vanille Fales
NPTEL/SWAYAM course materials recommended for reading (B)	Good(4)	ABLOHEM TO THE
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)	العاولايات المار والمارة المارة
Maintenance of course diary (A)	Good(4)	And the second s
Register showing Activity points (B)	Good(4)	12) (Harris
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)	Total man Annual Control

## 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)		Miseger 1
Result analysis of previous odd semester (A)	Good(4)		A TAN TERMINA BES
Syllabus coverage as per course plan (A)	Good(4)		



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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 subject
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	L HE FILE
Maintenance of course diary (A)	Good(4)	party o data ida	
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	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)		- Nesponse
Advisory meetings and action taken report (B)	Good(4)		1.100
Result analysis of previous odd semester (A)	Fair(3)	M O	Will try to improve
Syllabus coverage as per course plan (A)	Excellent(5)	Mary Saute H	

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Platform used for LMS/Course materials and lectures uploaded (A)	Good(4)	
Conduct of minor/honours classes (A)	Good(4)	Lac I amodessan Ki er
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)	I A T
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)	The second section of the section of th

## 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)		The fair to displace



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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)		
Maintenance of course diary (A)	Good(4)	Catal Catal San Catal Ca
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		· moipara Kesponse
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		m ••

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Faculty with Ph.D for the program (A)	Not Yet Rated	To encil medical
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		A least Garage
Result analysis of previous odd semester (A)	Not Relevant		Service and Servic
Syllabus coverage as per course plan (A)	Not Relevant		(A) ale (T) a Fulino
Platform used for LMS/Course materials and lectures uploaded (A)	Not Relevant	es communication and	PT OKA BOKRIDO SETUR
The mechanisms for taking feedback as to whether the online classes are effective (B)	Not Relevant	- Divine	Lateral Control of the Control of th
Maintenance of course diary (A)	Not Relevant	T maj de fa	As where at 100
Conduct of Seminar Mini project (A)	Not Relevant	- 11	A REPORT OF THE PARTY AND THE
Faculty with Ph.D for the program (A)	Not Relevant		1-1-4
Students attending MOOC or other online courses (B)	Not Relevant	1,00	o nemeronate
Conduct of Thesis (A)	Not Relevant		minutes in the second

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		(A) Exercise



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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	Qual-	
Conduct of Seminar Mini project (A)	Not Relevant		
Faculty with Ph.D for the program (A)	Not Relevant		
Students attending MOOC In 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		- morpar a Response
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 eedback as to whether the inline classes are effective (B)	Not Relevant	IVI CID	0

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Maintenance of course diary (A)	Not Relevant	
Conduct of Seminar Mini project (A)	Not Relevant	I An energy war in
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	Individue and another 4

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		ECRE HILANARA
Result analysis of previous odd semester (A)	Not Relevant		(A) and an analysis
Syllabus coverage as per course plan (A)	Not Relevant		
Platform used for LMS/Course materials and lectures uploaded (A)	Not Relevant		1.00 1/1 1WA
The mechanisms for taking feedback as to whether the online classes are effective (B)	Not Relevant	E BILLIAN	
Maintenance of course diary (A)	Not Relevant		Min
Conduct of Seminar Mini project (A)	Not Relevant		
Faculty with Ph.D for the program (A)	Not Relevant		Tetra I all hour man
Students attending MOOC or other online courses (B)	Not Relevant		
Conduct of Thesis (A)	Not Relevant		AND THE PARTY OF T

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



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Key Aspects	Rating	Auditor Remarks	Principal's Dans
Class/course committee meetings and action taken report (B)	Not Relevant	Toman's	Principal's Response
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	C C DO DO	THOUS WITH
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)		- The state of the
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)	ap (	OLLEGIO E EN

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The mechanisms for taking	Good(4)		SERVICE VAN
feedback as to whether the online classes are effective (B)			or a special process with the
Maintenance of course diary (A)	Good(4)		The second property to
Conduct of Seminar Mini project (A)	Not Yet Rated		
Faculty with Ph.D for the program (A)	Good(4)		100 figure 60 10-2176.
Students attending MOOC or other online courses (B)	Good(4)		AT BREEDONN STOP
Conduct of Thesis (A)	Not Yet Rated	Not applicable	=1 l=th890 ct bs   -

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)		(In App. 5
Syllabus coverage as per course plan (A)	Good(4)		Sil marillo (soli — d
Platform used for LMS/Course materials and lectures uploaded (A)	Good(4)		THUS SERVICE IN THE
The mechanisms for taking feedback as to whether the online classes are effective (B)	Good(4)	ya i 1	
Maintenance of course diary (A)	Good(4)		
Conduct of Seminar Mini project (A)	Good(4)		A SOUTH AND ASSESSMENT OF THE PARTY OF THE P
Faculty with Ph.D for the program (A)	Good(4)	20	ngt been mix
Students attending MOOC or other online courses (B)	Not Yet Rated	nil Home	Appendite

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Conduct of Thesis (A)	Not Yet Rated	N/A	
		NA NA	

MCA 2nd Year Direct-(Full Time)

Key Aspects	Rating	Auditor Remarks	
Class/course committee meetings and action take report (B)	e Not Yet Rated	Tuditor Remarks	Principal's Response
Result analysis of previous odd semester (A)	us Not Yet Rated		
Syllabus coverage as pe 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)	2		
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		





#### 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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