

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	us) manul foodus	
Semester Type	Odd	Yey aspirt.	

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	(= m = 31)
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	nations Thereis and
Average student to faculty ratio	Excellent(5)	1.14	n directoris in
Faculty Retention	Excellent(5)	Notable number of faculty were left college during the last 2 years. However minimum ratio is maintaining	a a not un garacaja ya abajataa a a sedan ya N
Faculty Qualification Index	Fair(3)	5.16	Will try to improve

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PRINCIPAL

Sree Narayana Gurukulam

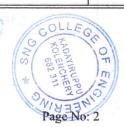
College of Engineering

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	T The state of the		
Number of qualified technical staff	Good(4)	Sufficient technical staff are available	APJ Abdul Ka WWW CET Campus
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.	Kerala -69591 India
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	ellege Specific Assessment
Co-curricular facility	Good(4)	Sufficient facilities are available	ed of some
Extra-curricular facility	Good(4)	Sufficient facilities are available	f en en og of students.
All intimation from University conveyed properly in time	Excellent(5)	Proper communication system is existing	committee.
Extra fees/fine imposed on students	Excellent(5)	No concern raised by students on additional fees	eminum - no noi elilinell
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.	Faculty Retention
Any other remarks	Not Relevant	Maintenance and up- gradation of facilities are lacking.	We are working on it.



B.Tech

No of B.Tech Students	996
	1000

MECHANICAL 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.	THE STATE OF THE S
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.	and the factor of the second o
Syllabus coverage of practical course	Excellent(5)	Uptodate	n control en control control
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	- John John Jerman Programme Programme John Marker School
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	FLIGHTAL AND FLIES ON



Syllabus coverage as per	Good(4)	Following the course plan	
course plan			3.Teco

COMPUTER SCIENCE & ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	Good(4)	Regular	05085 n& 1130 F
Advisory meetings and action taken report	Good(4)	Regular	Jie er
Schedule of Time Table	Excellent(5)	Detailed time table is available	ticger naxel numb
Conduct of Tutorial Classes	Fair(3)	Following syllabus	We will try to improve
Conduct of series tests	Good(4)	Following academic plan	les- ND fenoteT to bubid
Syllabus coverage of practical course	Good(4)	Following the schedule	Conduct of senes tests
Evaluation of students performance in practical classes	Good(4)	Continuous evaluation need to be regular	Sylphus poverage of the survey course
Conduct of Practical test	Good(4)	Following the schedule	-mabuta to my '-
Facility to do experiments in the lab	Good(4)	Required facilities are available	neun perelingi verses
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	Faculty evaluation x Programmer Faculty evaluation in Faculty
Syllabus coverage as per course plan	Good(4)	Almost in comply with the plan	Facility in the department is library for reference to

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	The selection of the
Schedule of Time Table	Excellent(5)	Detailed time table is available	_c /. whath how dives
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.	remayera epokur jel romo e labbitua.
Syllabus coverage of practical course	Good(4)	Following the schedule.	ା ପ୍ରଧାନ ଅଧିକ ଅଧିକ ଅଧିକ ଅଧିକ ଅଧିକ ଅଧିକ ଅଧିକ ଅଧିକ
Evaluation of students performance in practical classes	Good(4)	Doing smoothly	a constant and a state of a state of
Conduct of Practical test	Good(4)	As per the schedule	
Facility to do experiments in the lab	Good(4)	Required facilities are available	t i geğ
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	is a marging Application

CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response

Page Non69

Class/course committee meetings and action taken report	Good(4)	Conducting meetings as per the schedule.	ekey Aspects Classicourse committee
Advisory meetings and action taken report	Fair(3)	Acton taken is not evident	Action taken will be recorded
Schedule of Time Table	Excellent(5)	Detailed time table is available	ht karinge i ist.
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	Conduct of series tests
Evaluation of students performance in practical classes	Good(4)	Meet the requirements	Syllebus coverage of practical course
Conduct of Practical test	Good(4)	Following good practice	performance in practical
Facility to do experiments in the lab	Good(4)	Faculties are available	classes Conduct of Practical test
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	Facility in the department of the light of the releases
Syllabus coverage as per course plan	Good(4)	Slight deviation	saruos to as ratindina M

NAVAL ARCHITECTURE & SHIP BUILDING ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken	Good(4)	Conducting regularly	AT AURI-ON PERMINEUR.
report	/c	OLG	

Advisory meetings and action taken report	Good(4)	Effectively conducting	Till species person se e Sul Seur le les
Schedule of Time Table	Excellent(5)	Detailed time table is available	Joseph Paris (Francis Company)
Conduct of Tutorial Classes	Good(4)	Tutorial classes are conducting as per the syllabus	in the state of th
Conduct of series tests	Good(4)	Conduct of series tests are in comply with the academic calendar	e tu linea tria utano Di
Syllabus coverage of practical course	Good(4)	Following the schedule.	respect to the project
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	o no se é um o tratilido. Tactico
Conduct of remedial/minor/honours classes	Good(4)	Conducting as per the requirement	5 (2) (3) (4) (5) (4) (4) (5) (4) (5) (6) (6) (6) (7) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7
Assessment of Outcomes	Fair(3)	POs are to be reviewed	Getting done
Faculty evaluation & remarks of the HOD	Good(4)	Effective process is existing	- sea or
Facility in the department library for references	Good(4)	Meet the requirements	i i i i i i i i i i i i i i i i i i i
Maintenance of course diary	Good(4)	Properly maintaining	t in Figure Search (1995). 1981: 1
Syllabus coverage as per course plan	Good(4)	Slight deviation	in a gradulación de la companión de la compani

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

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



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	Schedule of Time Table
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.	graph guntag 1
Syllabus coverage of practical course	Good(4)	Following the schedule.	Syllabus coverage of
Evaluation of students performance in practical classes	Good(4)	Continuous evaluation need to be regular.	practical vourse Evaluation of students performance in practical
Conduct of Practical test	Good(4)	Conducting as per the schedule	desses Opded of Present text
Facility to do experiments in the lab	Good(4)	Required facilities are available	oility to do experments
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
Maintenance of course diary	Good(4)	Maintaining properly	Maintenance of course diary
Syllabus coverage as per course plan	Good(4)	Almost in comply with the plan	lyllat us taverings na net [Control plant

M.Tech

No of M.Tech Students	28 21.05%	8309Q - 3 VOX
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COMPUTER SCIENCE AND ENGINEERING(CYBER SECURITY)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response



Maintenance of course diary	Not Relevant	First year no students and only 1 student in the second year	i ji shifiya ayi qarigaqind
Syllabus coverage as per course plan	Not Relevant		A Service - Description of Proceedings
Class committee meetings and action taken report	Not Relevant		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Conduct of Seminar & Mini project	Not Relevant		det i san de la
Conduct of Thesis	Not Relevant		Part 1001
Faculty with Ph.D for the program	Not Relevant		SEARCH SEARCH
Students attending MOOC or other online courses	Not Relevant	Kaling Driled	A Key Jacon is the Committee of the Comm
Facility in the department library for journal reference	Not Relevant	7,784	tgade
Computing facility in the department	Not Relevant		121, 710a 1
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		The same of virtage of the same of the sam
Class committee meetings and action taken report	Not Relevant		Turre Magala
Conduct of Seminar & Mini project	Not Relevant		300 - 200 - 100 -
Conduct of Thesis	Not Relevant		116 1706
Faculty with Ph.D for the program	Not Relevant	WOH) DARS JAISH A TE	- 7 TECH_ :AO/135.



Students attending MOOC or other online courses	Not Relevant	msvels ^{ce} tord	Metritemance of course diary
Facility in the department library for journal reference	Not Relevant	Institut d 102	Syllah coverage as per ;
Computing facility in the department	Not Relevant	Head Stor	u dra nisalinga
Facility available in the department to do thesis work(all relevant licensed software)	Not Relevant	Ing Elg8 200	noden make mo

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.	or other online courses
Syllabus coverage as per course plan	Not Relevant	In alogue	brary for journal reference
Class committee meetings and action taken report	Not Relevant	ot Reduces	department Facility available in the
Conduct of Seminar & Mini project	Not Relevant		de c'armant foi foi in and
Conduct of Thesis	Not Relevant		\E
Faculty with Ph.D for the program	Not Relevant	ENGINEERING/COMPUTES	ON STATEMENT AND
Students attending MOOC or other online courses	Not Relevant	teating ot Relevant	Key Aspects Maintanance of course 1
Facility in the department library for journal reference	Not Relevant	or Pale or	diaty diaty nverage as per N
Computing facility in the department	Not Relevant	ut Reisvant	course plan Jass commilee meetings 14
Facility available in the department to do thesis work(all relevant licensed software)	Not Relevant	fright in	and action taken repon onduct of Seminar & Min. In project

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



Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Not Relevant	No students	ter esegnatives
Syllabus coverage as per course plan	Not Relevant	N 10 9	
Class committee meetings and action taken report	Not Relevant	200 1 290	r d tyst d #?
Conduct of Seminar & Mini project	Not Relevant		e la esta frigación con vilos
Conduct of Thesis	Not Relevant		
Faculty with Ph.D for the program	Not Relevant	AFER AUED STRUCTURA	MARCHARIC PLANSITIONS
Students attending MOOC or other online courses	Not Relevant		Aprilia de la constala de la constal
Facility in the department library for journal reference	Not Relevant		a umare a Asalis-
Computing facility in the department	Not Relevant		- 1 - 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1
Facility available in the department to do thesis work(all relevant licensed software)	Not Relevant		nades entre ene Line 2 elember 2 cultos Superu

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		. 27,57,000 12,120
Class committee meetings and action taken report	Not Relevant		11.72
Conduct of Seminar & Mini project	Not Relevant		o de estacija Les de kej ace
Conduct of Thesis	Not Relevant		
Faculty with Ph.D for the program	Not Relevant		WAS TO BE STORY OF FOR



Students attending MOOC or other online courses	Not Relevant	gabest	Kcy Aspenis
Facility in the department library for journal reference	Not Relevant		Á16.Q
Computing facility in the department	Not Relevant		Challing to a surface to the surface
Facility available in the department to do thesis work(all relevant licensed software)	Not Relevant	1 10 val 12 104	n juht di (zjiranno) — i (in (z di juht di (zjiranno) — i (in (z

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	Students attending MODC or offer online courses. Facility in the desertment
Syllabus coverage as per course plan	Good(4)	Following the plan	Stary for journal reference: Computing facility in the
Class committee meetings and action taken report	Good(4)	118 St. 18 St.	Faculti - valiable in the
Conduct of Seminar & Mini project	Good(4)	Meeting requirement	beared the since of
Conduct of Thesis	Good(4)	Meeting requirement	
Faculty with Ph.D for the program	Fair(3)	MODERN SERVICE MOTAL SE	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	lass communes marting.
Facility available in the department to do thesis work(all relevant licensed software)	Good(4)	Meeting requirement	enduct of Senvinar & FLV III Twoject

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		The second of the second
Class committee meetings and action taken report	Not Relevant		r grandra tergati
Conduct of Seminar & Mini project	Not Relevant		·
Conduct of Thesis	Not Relevant		
Faculty with Ph.D for the program	Not Relevant		1
Students attending MOOC or other online courses	Not Relevant		13.
Facility in the department library for journal reference	Not Relevant		
Computing facility in the department	Not Relevant	note t	May or pear:
Facility available in the department to do thesis work(all relevant licensed software)	Not Relevant		Le Light of 129

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	11 31 M A 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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	v. r.j.



Faculty with Ph.D for the program	Fair(3)	Rating	we will improve
Students attending MOOC or other online courses	Fair(3)	J 100 S 100	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	Good(4)	Meet the requirements	139[78]
work(all relevant licensed software)		toes stafffel Ingssprötusi	Conduct of Thesis Faculty with PhD for the

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	Facility available in the Color theory
Syllabus coverage as per course plan	Good(4)	In comply with the plan	pagnacal Insortence com
Class committee meetings and action taken report	Good(4)	Meet the requirements	DURTERNAMENTAL TV
Conduct of Seminar & Mini project	Good(4)	Meet the requirements	Ministeria of course
Conduct of Thesis	Good(4)	Meet the requirements	diary .
Faculty with Ph.D for the program	Fair(3)		All are doing Ph.D
Students attending MOOC or other online courses	Fair(3)	1925	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	Project Conduct of These Co



Facility available in the	Good(4)	Meet the requirements	Syknorus a spaga
department to do thesis			4660 - 25 - 2
work(all relevant licensed			
software)	janatate en jan e⊸ et e	, ' a sl'	aj i nora novinirkoja mas judi

MCA

No of MCA Students	94

MASTERS IN COMPUTER APPLICATIONS-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Excellent(5)	Maintaining properly	i samur nim taka
Syllabus coverage as per course plan	Excellent(5)	In comply with the plan	concludes to tool fail on too
Class committee meetings and action taken report	Good(4)	Meet the requirements	ive allastan
Conduct of Seminar & Mini project	Good(4)	Meet the requirements	ing oil of interest up:
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)

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

		Y	
Syllabus coverage as per course plan	Excellent(5)	In comply with the plan	Facinity evallable in the department to do these
Class committee meetings and action taken report	Excellent(5)	Regularly conducting	wark(ell relevant lloensed software)
Conduct of Seminar & Mini project	Good(4)	Meet the requirements	. 431
Conduct of Thesis	Good(4)	Meet the requirements	alieta tiba di care
Faculty with Ph.D for the program	Fair(3)	PPLICATIONS (Full Time)	Many are doing
Students attending MOOC or other online courses	Good(4)		Key Aspects Meintenance of course
Facility in the department library for journal reference	Good(4)	Journals are not sufficient	diany
Computing facility in the department	Good(4)	Meet the requirements	course plan
Facility available in the department to do thesis work(all relevant licensed software)	Good(4)	Meet the requirements	and action taken report Sonduct of Saminar & Mini- project



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PRINCIPAL

Sree Narayana Gurukulam

College of Engineering

Kadayiruppu, Kolenchery - 682 311