

Vidya Nagar, Palissery, Karukutty, Kerala 683576

CRITERIA 1

CURRICULAR ASPECTS

1.1 Curricular Planning and Implementation



Vidya Nagar, Palissery, Karukutty, Kerala 683576

1.1.1 - The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

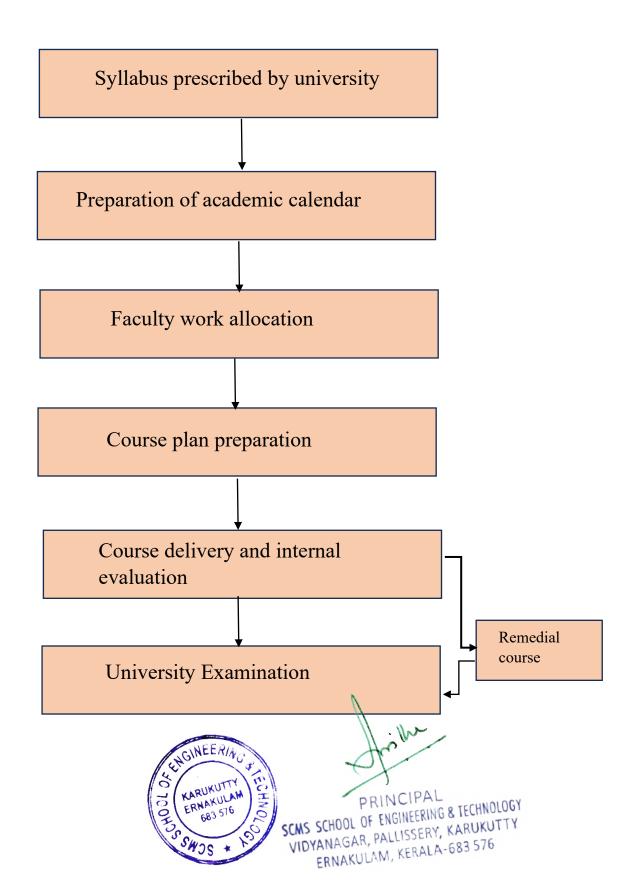
- Flowchart of curriculum planning process
- Syllabus links of all programmes
- Academic Calendar
- Course plan
- Timetable
- Remedial
- Minutes of faculty meeting
- Internal mark sheet prepared and sent to the university

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Vidya Nagar, Palissery, Karukutty, Kerala 683576

Flowchart of the Curriculum Planning Process





Vidya Nagar, Palissery, Karukutty, Kerala 683576

University Prescribed Syllabus

Course Name	Link for syllabus
B. Tech	
M. Tech	https://ktu.edu.in/academics/scheme
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Vidya Nagar, Palissery, Karukutty, Kerala 683576

ACADEMIC CALENDAR

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		Instit	ution Calen)		
			June 20				
	SUN	MON	TUE	WED 1	THU	FRI	SAT
				1	2	3	Marks for B.Tech S8; Project Evaluation-II M.Tech
Academics Fechnical							S4
Professional Chapters							
Field Visits/Internships							
Placement				Know about Core Jobs - Industrial Visit			
Innovation & Entrepreneurship							
Extension Activities							
Sports				3KM Run			Vipanchika-
Arts							Intercollege Arts festival
Forums							
	5	6	7	8	9	10	
Academics Fechnical							Holiday
Professional Chapters							
					Industrial Visit -S6		
Field Visits/Internships				Industrial visit cum	(AU)		
Placement				placement opportunities			
Innovation & Entrepreneurship							
Extension Activities	Tree sapling						<u> </u>
Sports	-						
Arts							
Forums	12	13	14	15	16	17	
	12	13	2.4	Commencement of End Semester	10	17	
Academics				Examination B.Tech			
Technical							
Professional Chapters							
Field Visits/Internships				Aptitude Training			Webinar on
				Program			"Engineering a Career
Placement							
Innovation & Entrepreneurship Extension Activities							
Sports							
Arts							
Forums	19	20	21	22	23	24	,
Academics	19		21	22	23	24	Holiday
		added course - EngineerEmpower: Unleashing Your		Knowledge Sharing			Knowledge Sharing
Technical Professional Chapters		Professional		Programme (BS&H)			Programme (AU)
Field Visits/Internships			<u> </u>				<u> </u>
			Aptitude Training				
Placement Innovation & Entrepreneurship			Program				1
ninovation & Entrepreneursing			Awareness of Yoga to Students and Teachers				
Extension Activities			and practise				ļ
Sports Arts							1
Arts Forums							1
	26	27	28	29	30		
Academics		End semester exam commences-MCA S2					
					Knowledge Sharing		
Technical					Programme (CE)		
Professional Chapters					- ` ′		
Field Visits/Internships							
Placement		MSMEs of Karukutty			1		
Innovation & Entrepreneurship		grama panchayath as	ļ		//		ļ
Extension Activities					//	- //~	1
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SCMS SCHOOL OF ENGINEERING & TECHNOLOGY, KARUKUTTY

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March Marc			Inst	itution Calendar 2022	2-23			
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Manual Changes	Academics							
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Second State	Placement							
March	Innovation & Entrepreneurship							
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	Arts							
	Forums							
		3	4	5	6	7	8	9
Exploration	Academics		Internal Test -II starts for S2/S4/S6 B.Tech, S2 M.Tech			Class ends -S4 Publish IA Marks for M.Tech S4		Holiday
March Marc	Technical		End of value added course on EngineerEmpower: Unleashing Your Professional Persona				Knowledge Sharing Programme (AU)	
Nomerical A Europeanship	Professional Chapters							
Section & Engineering Process of the Company of the	Field Visits/Internships							
Blood Decision Capello	Placement							
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Section Sect				n in a -				
Company Comp	EXICISION ACTIVITIES						Kadar Project (Arike)	
Marie Mari	Sports			for M/W				
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Note and Capters Note and Cap	Academics							S2MTECH
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Part	Professional Chapters							
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Section Activities Sectio		17	18	19	20	21	Stock Market and 22	23
Referenced Sections of the Competition of the Compe	Academics			Publish IA Marks for B.Tech S2			class ends; Publish IA Marks for B.Tech S6	Holiday
Find Visits Internality Find Control Remote Compensation Find Control Remote	Technical							
According to According A	Field Visits/Internships							
Control of Portrol o	Placement Innovation & Entrepreneurship					Aptitude Training Program		
March Marc	Extension Activities	Orientation Program				Chess Competition for M/W		
28 29 29 39 39 39 39 39 39	Arts					Circo Competition for the tr		
SEMTREM SEMENTAL SEME	Forums	24		26	27	28	29	30
	Academics		End semester examination starts - S2 M.Tech			Karkidakavavu	class ends -S4	Publish marks -S4
Field Visited Internabilitys Alexement Alexement Career options after B. Tech Interval on Activities Activiti	Technical Professional Chapters				Knowledge Sharing Programme (BS&H)		Knowledge Sharing Programme (CE)	
Ascenent Career options after B. Tech Career options after B. Tech Ideation - Prototyping - workshop (IIC) Stension Activities Debute Competition Debute Competition Colours - July rest : Drawing, Painting								
movation & Entrepreneurship Debate Competition Debate Competition	Field Visits/Internships							
Stension Activities Debate Competition Colours: July test: Drowing, Pauling Activities Debate Competition Colours: July test: Drowing, Pauling Activities Social Responsibility	Placement			Career options after B.Tech				
Sports Arts Colours-July test: Drawing-Painting Control Social Reponsibility 33 Academics Febrical Froficial Frof	Innovation & Entrepreneurship						Ideation - Protot	yping - workshop (IIC)
Sports Arts Colours-July test: Drawing-Painting Control Social Reponsibility 33 Academics Febrical Froficial Frof	Extension Activities					Debate Competition		
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	Forums Social Responsibility							
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Total Number of Working Days : 24

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			August 202	22			
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ield Visits/Internships Placement	+						
nnovation & Entrepreneurship extension Activities			Digital Poster making				
ports			Digital Foster making				
urts Forums	+						
Academics	7	8 Muharram	9	10	11	1:	Holiday
echnical							
Professional Chapters Field Visits/Internships							
Placement	+				Training for Technical Interview	v I	
nnovation & Entrepreneurship							
xtension Activities ports						Debate Competition	
ırts							
orums	14	15	16	17	18	1!	
cademics		Independence Day	Commencement of classes for M Tech S3		Sreekrishna Jayanthi		
echnical rofessional Chapters	_						
ield Visits/Internships							
lacement nnovation & Entrepreneurship							
extension Activities		Flag Hoisting and Celebration				Webinar - Impact of Photographs in Society	
AIDHOIDH MUIVIIES	+	Goldbiation		Slow bike race for M/W			
Sports				(Bicycle race).			
orums	_						
Social Responsibility	21	22	23	24	25	20	
cademics	21	22	23	24	25	21	Holiday
		Five D	tays Faculty Development Progra KTU Sponsor	amme on Sustainable Developm ed FDP-Psychology For Eng	ents in Transportation Geotechni neers (BS&H)	cs (CE)	
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echnical			KTI I Sponsore	d FDP on 5G and beyond 5G	networks (EC)		
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		Knowledge sharing			One Day workshop for MCA	Knowledge Sharing	
		programme (BS&H)			Students-Phase 1	Programme (CS)	
Professional Chapters							
Field Visits/Internships							
Placement	Awareness Seminar to create						
nnovation & Entrepreneurship	awarness of Entrepreneurs,						
illovation & Entrepreneurship	innovation & leadershin						
Extension Activities							
					Mr.SSET! Push-up Challenge		
Sports	+						
						Frames-August fest	
Sports						:Photography	
uts						Frames-August fest :Photography Talk : Gender Equity and Rights of men and women	
orums	28	29	30	31		:Photography Talk : Gender Equity and	
	28	29	30			:Photography Talk : Gender Equity and	
orums	28	Knowledge Sharing	30	Workshop on Arduino/Tinkercad for S3		:Photography Talk : Gender Equity and	
orums	28	Knowledge Sharing Programme (CE)	30	Workshop on		:Photography Talk : Gender Equity and	
orts Forums Academics	28	Knowledge Sharing Programme (CE) Vanie August Of Introduction to Civil Engineering drawing" for S3	30	Workshop on Arduino/Tinkercad for S3		:Photography Talk : Gender Equity and	
orums cademics	28	Knowledge Sharing Programme (CE) Introduction to Civil Engineering drawing " for S3 students (CE) vanue Addeed Course on	30	Workshop on Arduino/Tinkercad for S3		:Photography Talk : Gender Equity and	
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Social Responsibility							
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		Class starts					
Academics		for S3 & S7					
				One Day			
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Technical				Phase 2			
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	One Day workshop for S7 Students	1-day training pogram on paper writing & research methodology (CE) Orientation Program One Day workshop for S7 Students CDAC (EC) Alumini Talk (ME)	1-day training pogram on paper writing & research methodology (CE) Orientation Program One Day workshop for S7 Students Alumini Talk (ME) Rhowledge sharing programme (BS&H) Birth day a big day Exhausting Programme (CS) Hands on workshop - CDAC (EC) Alumini Talk (ME)	Training pogram on paper writing & research methodology (CE) Orientation Program Orientation Program Orientation Program One Day workshop for \$7 Studente Hands on workshop - CDAC (EC) Alumini Talk (ME) Ays: 17 Ay	I-day training pogram on paper writing & research methodology (CE) Orientation Program Orientation Birth day a big day Volleyball Serving Competition Internal Test 1 (S3 M.Tech Knowledge Surving Competition) Inte	Training pogram on paper writing & research methodology (CE) Orientation Program Program Orientation Program Orientation Program Orientation Program Internal Test 1 (S3 M.Tech Nowtedge Sharing Programme for School Students Students One Day workshop for S7 Studeats CS3 Hands on workshop - CDAC GEC Alumini Talk (ME) Starting Day Knowledge Sharing Programme (BS&H) Rowledge Meeting (CE) PAC Meeting (CE) PAC Meeting (CE) Cover song competition Cover song competition River Day (ME) Training on Python programming language for S3 Students (CS) Softskill Training for CDAC GEC Alumini Talk (ME) KSP (ME) KSP (CE)

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							visit for
Field							S7EEE
Visits/Internships							students
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Innovation &					Compan	ly specific	aptitude
Entrepreneurship Extension Activities							
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Technical				(EC)		Idaa	
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Professional		(WIL)			_	UG/PG students	
Professional Chapters			MGINEERING		_	UG/PG	

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				Field		
				Trip for		
Field				EEE		
Visits/Internships				students		
Placement						
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	Training					
Extension Activities	Program					
Sports						
1					Colours:-	
					October	
					fest:	
					Drawing,	
					Painting Painting	
					,Cartoon	
Arts					events	
Forums					events	
Social Responsibility						
Social Responsibility	30	31				
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Academics						
Technical						
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Social Responsibility				٨		
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Total Number of Working Days: 22

SCIVI		L OF ENC Institution			CHINOLO	W 1	
			ember 20				
	SUN	MON	TUE	WED	THU	FRI	SAT
			1	2			5
Academics							
Technical							
Professional Chapters							
Field							
Visits/Internships							
Placement							
Innovation &							
Entrepreneurship							
Extension Activities							
Sports							
Arts							
Forums							
Social Responsibility							
	6	7	8	9	10	11	12
Academics							Holiday
Technical		Expertise talk program for B. Tech and M. Tech projects" for S7 and PG students (CE)			A Session on Overleaf for S7 CSE Students (CS)		
Professional Chapters							
Field							
Visits/Internships							
Placement							
Innovation &							
Entrepreneurship						G 1	
Extension Activities						Sparsha m 2022	
Sports					//		
Arts			GINEERING			· Wr	

KARUKUTTY

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18	
18	10
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diting	solar
sing	plant
dobe	visit for
rimere -	S5EEE
	students(
	EE)
*(1112)	22)
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CIPAL	
INEERING 8	TECHNOLOG
ISSERY, K	ARUKUTTI
KERALA-E	83 5/0
	ideo diting sing

			_				
Charte			Cricket Bowling Competit				
Sports			ion.				
Arts							
Forums							
Social Responsibility	20	21	22	23	24	25	26
	20	41	22	43	24	45	20
		Exam Registrati on begins for B.Tech					
Academics		S7/S5/S3					Holiday
		Alumini Talk(ME) Knowled ge Sharing Program me(ME)			A talk on Cyber Security (CS)	knowled ge sharing program me 16 (EC)	
Technical		knowled ge sharing program me16(BS) Start of add on course on New trends in artificial intelligen ce	Organize a CADD worksho p for students(ME)	Knowled ge Sharing Program me (CS)	Internation Conference Applied Sciences(



1		Internatio						
		nal						
		Online						
		Conferen						
		ce on						
		Applied						
		Sciences(
		BS)						
Professional Chapters								
Field								
Visits/Internships								
		Familiari						
		sing with						
		the						
		working						
Placement		of a core						
		company -						
		Industrial						
		Visit for						
		2023						
		passouts						
Innovation &								
Entrepreneurship								
								Webinar -
								Constitut
Extension Activities								ional
								Law
G .								(KELSA)
Sports							D 41	
							Rythm-	
							Novembe r fest:	
Arts							Solo	
							/Group	
							Dance	
							Talk:	
							Challeng	
						220	es of	
Forums							Women	
						//	in work	
			GINEERING			Ho	place	
Social Responsibility		140				- ()	Pige	
Social Responsionity	27	328	KARUKUT 30	ECHI	30	100	NCIPAL	
		12	ERNAKUDA 683 576	2		PRI	NGINEERING 8	TECHNOLOGY

	1		1_		
			Exam		
			Registrati		
			on ends		
			for B.Te		
			ch		
			S7/S5/S3		
			; Class		
			Ends		
			Publish		
			Attendan		
			ce		
			for		
			M.Tech		
Academics			S 3		
		Knowled			
		ge			
Technical		Sharing			
		Program			
		me (CE)			
Professional Chapters					
Field					
Visits/Internships					
Placement					
Innovation &					
Entrepreneurship					
Extension Activities					
Sports					
Arts				 	
Forums					
Social Responsibility					

ENGINEERIA C

Total Number of Working Days: 24

SCM	IS SCHOO				CHNOL(JGY	
			1 Calenda				
			cember 20				
	SUN	MON	TUE	WED	THU	FRI	SAT
					1	2	
							ESE -
							Minor -
							S5
Academics							B.Tech
Technical							
Professional							
Chapters							
Field							
Visits/Internships							
Placement							
Innovation &							
Entrepreneurship							
					Blood Donation		
					Camp		
					(IMA		
					Blood		
Extension Activities					Bank or		
					Ernakula		
					m		
					General		
					Hospital)		
Sports					1 /		
Arts							
Forums							
Social Responsibility							
	4	5	6	7	8	9	10
		Internal					
1		Test -I					
		starts for					
Academics		S1					
Academies		B.Tech/					
		S1					
		M.Tech					
Technical		171.1 0011			Training of	on C	
Professional					Training (iw	
Chapters		/	GINEERIA		1	~ W	1
Field	+	l d		4			
Visits/Internships		40 TO	KARUKUTTY ERNAKULAM 683 576	TECH!)	
v 151to/ Internalipa	<u> </u>	09 P	ERNAKULAM	2 000	PR	INCIPAL ENGINEERING	& TECHNOLO

Placement							
Innovation &							
Entrepreneurship							
Extension Activities							
Sports					3 a-side Penalty Shootout competiti on for M/W		
Arts		Cartoon Caricatur e Competit ion based on christmas theme(C S)					
Forums		,					
Social Responsibility							
1	11	12	13	14	15	16	17
Academics		Internal Test -II starts for S3/S5/S7 B.Tech; End semester examinat ion starts S3 M.Tech				Internal Test I - Honors - S5 B.Tech	ESE - Minor - S6 B.Tech

KARUKUTTY CONSTRUCTOR CONSTRUC

			1	1	1	1	
			Worksho				
			p on				
			"Total			Internatio	
			station			nal	
Technical			survey"			Online	
Technical			for	Knowled		Conferen	
			Polytech	ge		ce on	
			nic	Sharing		Applied	
			students	Program		Sciences(
			(CE)	me(CS)		BS)	
Professional							
Chapters							
Field							
Visits/Internships							
Placement							
		Panel					
		discussio					
		n with					
Innovation &		Startups					
Entrepreneurship		(IIC)					
Extension Activities		,					
Sports							
						AARAV	
						AM:	
						Student	
						council	
Arts						inaugurat	
						ion and	
						annual	
						arts	
						festival	
Forums							
Social Responsibility							
	18	19	20	21	22	23	24
			Publish		Publish	Class	
			IA Marks		IA Marks	ends for	
			for		for	S7	
			B.Tech		B.Tech	B.Tech	
		Internal	S3		S7 \\		
1		intarnal		•	//	· W	

S3

WARUKUTTY

ERMAKULAM

ERMAKUL

Academics	Te Mi S3	st I - inor - /S5 Tech	Class ends for S3 B.Tech		College closes for Christma s vacation and reopenin g on 3/1/2023	
Technical			me(CE)	Panel discussio n on Entrepre neurship and Startups(EC) Knowled ge Sharing Program me(ME) Internatio nal Online Conferen ce on Applied Sciences(BS)		
Professional				·		
Chapters						
Field Visits/Internships						
Placement			 			
Innovation &						
Entrepreneurship						
Extension Activities				٨		
Sports				1/		

CHGINEERIACION CONTROLLAM ERNAKULAM ERNAKULAM

Arts			Sing with Christma s - Carol Competit ion (Group and single) (CE)					
Forums								
Social Responsibility	25	20	27	20	20	20	21	
A 1 '	25	26		28		30	31	
Academics			Chri	stmas vaca	ation	ı		
Technical								
Professional Chapters								
Field								
Visits/Internships								
Placement								
Innovation &								
Entrepreneurship								
Extension Activities	Seven day Special Camp (NSS)							
Sports					_			
Arts								
Forums								
Social Responsibility			_	_			_	

ENGINEERING

KARUKUTTY ERNAKULAM 683 576

Total Number of Working Days: 19

PRINCIPAL

SCMS SCHOOL OF ENGINEERING & TECHNOLOGY									
	I	nstitution	Calendar	2022-23					
		Jai	nuary 202.	3					
	SUN	MON	TUE	WED	THU	FRI	SAT		
	1	2	3	4	5	6	7		
Academics		Mannam Jayanthi	Commen cement of End Semester Examinat ion for B.Tech S3	cement of End		Publish IA Marks for B.Tech S5			
Technical	Python Worksho p for Batch 22 Students - Phase 1					Mock Interview by faculty members (EC)			
Professional Chapters									
Field									
Visits/Internships									
Placement									
Innovation &									
Entrepreneurship									
Extension Activities									
Sports									
Arts									
Forums									
	8	9	10	11	12	13	14		
Academics							Holiday		
Technical									
Professional Chapters									
Field									
Visits/Internships									
Placement									
Innovation & Entrepreneurship						Worksho p - business model can vas			
Extension Activities		13 JO 100	ARUKUTTY ARUKUTTY ARUKULAH ERHAKULAH	инову	Debate Competity	NCIPAL	TECHNOLOGY		

	1		mi.suon		ı	1	
			g! Pull				
Sports			up				
			competiti				
			ompetiti on				
Arts							
Forums							
	15	16	17	18	19	20	21
		Commen					
		cement			Commen		
		of End			cement		
Academics		Semester			of classes		
Academics		Examinat			for		
		ion for			M.Tech		
		B.Tech			S4		
		S5					
						Traffic	
						Awarene	
T11						ss among	
Technical						Students(
						for sset	
						students)	
Professional Chapters							
Field							
Visits/Internships							
	Educatio						
Placement	n						
	Overseas						
Innovation &							
Entrepreneurship							
Extension Activities							
Sports							
Arts							
Forums							
	22	23	24	25	26	27	28

CHICHEERIACO CONTROL C

Academics		Support for Gate Exam for S7 students (CS), S1 Internal Exam II	Support for Gate Exam for S7 students (CS), knowled ge sharing program me18 (BSH), S1 Internal Exam II	Support for Gate Exam for S7 students (CS), S1 Internal Exam II		Support for Gate Exam for S7 students (CS)	Holiday			
Technical				Knowled ge Sharing Program me (CE)	Knowled ge Sharing Program me (ME)	Knowled ge Sharing Program me (CS)	knowled ge sharing program me 16 (EC)			
Professional Chapters					Republic Day					
Field Visits/Internships					·					
Placement										
Innovation &										
Entrepreneurship										
Extension Activities					Flag Hoisting and Celebrati on					
Sports										
Arts						Raagam- January Fest: Music events				
Forums						W				
	29		SINEERIA31		St					
PRINCIPAL PRINCIPAL SCHOOL OF ENGINEERING & TECHNOLOGY SCHOOL OF ENGINEERING & TECHNOLOGY SCHOOL OF ENGINEERING & TECHNOLOGY										

Academics		Commen cement of classes for S8			
Technical		Technica l quiz program (EE)			
Professional Chapters					
Field					
Visits/Internships					
Placement					
Innovation &					
Entrepreneurship					
Extension Activities	Orientati on Program			 	
Sports					
Arts					
Forums					
Social Responsibility					

ENGINEERING

KARUKUTTY ERNAKULAM 683 576

Total Number of Working Days :22

SCMS SCHOOL OF ENGINEERING & TECHNOLOGY Institution Calendar 2022-23								
	CLINI		ruary 202	1	Imiti	EDI	CAT	
	SUN	MON	TUE	WED	THU	FRI	SAT	
Agadamias				1	2	3	4	
Academics					True Day	Two Day		
					Two Day	_		
					Android	Android		
Technical					Worksho			
					p for S4	p for S4		
					Students	Students		
D C 1 1 C1					(CS)	(CS)		
Professional Chapters							~ ~ ~ ~	
							SSET	
							indoor	
Field							substatio	
Visits/Internships							n visit for	
,							S7EEE	
							students	
							(EE)	
Placement								
Innovation &								
Entrepreneurship								
Extension Activities								
Sports								
Arts								
Forums								
	5		7	8	9		11	
		S1		S1		S1		
Academics		Model		Model		Model	Holiday	
		exam		exam		exam		
				Expertise				
				talk				
		Commen	Training	program				
		cement	program	for B.				
Technical		of classes		Tech and				
Technical		for	on Electrical	M. Tech				
		B.Tech	CAD	projects"				
		S4/S6	CAD	for S8	٨			
				and PG				
				students		·W		
Professional Chapters			GINEERING		H	0		
Field		15	3	m)				
Visits/Internships			KARUKUTTY	CH	DRI	NCIPAL		
		12	ERN 683 576	70,	P P F	NGINEERING 8	TECHNOLOGY	

Placement]		1
Innovation &							
Entrepreneurship							
Extension Activities							
Sports							
Arts							
Forums							Poster Making Competit ion on ''Women
							in
							Science'
	12	13	14	15	16	17	18
Academics		S1 Model exam		S1 Model exam			Shivaratr i
Technical				knowled ge sharing program me (EE)	Start of add on course on Autodesk AutoCA D		
Professional Chapters							
Field Visits/Internships				Field visit to a water treatment plant for B. Tech S8 students			
Placement	IBM Skillsbuil d Orientati on program					·w	
Innovation &			SINEERING		the		
Entrepreneurship		13 J					
		700H35	KARUKUTAM ERNAKULAM 683 576	SCW2	PRI SCHOOL OF E ANAGAR, PA ERNAKULAN	NCIPAL NGINEERING 8 ILLISSERY, K I, KERALA-E	TECHNOLOGY ARUKUTTY 583 576

Extension Activities				Training for ward councilor s on liquid waste managem ent			
Sports				Superma n/Wome n-Arm Wrestlin g competiti			
Arts						Instagra m Reels Dance Competit oin (ME)	
Forums							
Academics	19	20	21	22	23	24	25 Holiday
Technical	Start of value added course on Human rights and duties education	Start of add on course on Geospati al Data Processin g & Analysis	sharing program		Knowled ge Sharing Program me (ME)	Knowled ge Sharing Program me (CE, CS)	,
Professional Chapters							
Field Visits/Internships							
Placement			SINEERING	Aptitude Training for prefinal year tudents	A	ille	
Innovation &		14		a l			
Entrepreneurship		30 70	KARUKUTTY ERHAKULAM ERHAKULAM	ECHNO7	DRI	NCIPAL NGINEERING 8	W21.0CV

Extension Activities							
Sports							
Arts				Cultural Fest for EEE students		Flash- Feb Fest:Literary events:St ory telling,Po etry writing, Recitatio n Story writing, JAM, Extempo re	
Forums		Alumini Talk (ME)					
	26	27	28				
Academics							
Technical		Model Making competiti on: Theme: "Mega Structure s", Quiz competiti on as a part of Republic day (CS)	NATION AL SCIENC E DAY(for sset students)				
Professional Chapters							
Field							
Visits/Internships							
Placement					<u> </u>		
Innovation & Entrepreneurship		130 100H	Skill develop SHETTERIA (1) Worksho Worksho WORKULAM ERMAKULAM ERMAKULAM 683 516	10/H03/	95	NCIPAL NGINEERING 8	20.00

Extension Activities	Webinar - Green Energy			
Sports				
Arts				
Forums			·	
Social Responsibility				

Total Number of Working Days :21

SCM			GINEERI		CHNOLO	GY	
			Calendar				
	CLINI		larch 2023	1	I TOTAL T	lent	IC A TE
	SUN	MON	TUE	WED 1	THU 2	FRI 3	SAT
Academics				1		3	4
Academics				1-day			
				training			
				pogram			
				on			
Technical				proposal			
				writing			
				& patent			
				filing			
Professional Chapters				8			1
- Input							SSET
							indoor
Field							substatio
Visits/Internships							n visit for
•							S5EEE
							students
Placement							
Innovation &							
Entrepreneurship							
Extension Activities							
Sports							
Arts							
Forums							Debate
	5	6	7	8	9	10	11
Academics							
					Expert		
					talk in		
					best	Python	
					practices	Worksho	
Technical					(EE),	p for	
					Technica		
					l Quiz	Students -	
					Competi	Phase 2	
					on (ME)		
Professional Chapters				-	//	· Wr	-
Professional Chapters Field			NEERIA		#	-W	-
Visits/Internships		1	SINEERING		(U)		
Placement		16/	KARUKUTTY ERHAKULAM ERHAKULAM	ECH.		ICIDAL	
1 Idealiest		9	ERNAKULAM 683 576	2	CHOOL OF E	NCIPAL	TECHNOLOGY

Innovation &							
Entrepreneurship							
Extension Activities							
Sports							
Arts							
Forums				Fireless Cooking Competit ion			
	12	13	14	15	16	17	18
Academics					CAD Drawing Competit ion (ME)		
Technical				Conferen ce (ME)	Conferen ce (ME)	Conferen ce (ME)	
Professional Chapters				, ,	, ,	` '	
Field Visits/Internships							
Placement					Aptitude Training for prefinal year students		
Innovation &					Statelitis		
Entrepreneurship Extension Activities							
Sports			Dodgebal l competiti on.				
Arts			011.				
Forums				Departm ent Associati on program (EE)			
	19	20	21	22	23	24	25
Academics		Internal Exam	Internal	S4, S6, S8 Internal Exam 1	PAC Meeting (CE)	NCIPAL	TECHNOLOGY

Technical			knowled ge sharing program me20 (BSH)			p on "Applicat	
Professional Chapters							
Field							
Visits/Internships							
Placement					Industrial visit cum placemen t opportuni ties(MC A students)		
Innovation &							
Entrepreneurship							
Extension Activities							
Sports Arts						Rainbow: March fest: Fashion parade	
Forums							
	26	27	28	29	30	31	
Academics				DAB meeting (CE)	1		

WARUKUTTY TO THE SHAKULAM ERHAKULAM ERHAKULAM

Technical			Knowled ge Sharing Program me (CS, ME)		
Professional Chapters			,		
Field Visits/Internships		Industrial visit (EE)			
Placement		Session on Learning platform Infosys Springbo ard	Aptitude Training for prefinal year students		
Innovation &					
Entrepreneurship					
Extension Activities				Blood Donation Camp	
Sports					
Arts					
Forums	Alumini Talk (ME)				
Social Responsibility					

ENGINEERIAGO

KARUKUTTY ERNAKULAM 683 576

Total Number of Working Days :25

SCM	S SCHOO	DL OF EN	GINEERI	NG & TE	CHNOLO	GY	
		Institution					
		A	pril 2023				
	SUN	MON	TUE	WED	THU	FRI	SAT
							1
Academics							
Technical							
Professional Chapters							
Field							
Visits/Internships							
Placement							
Innovation &							
Entrepreneurship							
Extension Activities							
Sports							
Arts							
Forums							
	2	2 3	4	5	6	7	8
					Maundy	Good	
Academics					Thursday	Friday	Holiday
				demonstr			
				ation of			
				energy			
				monitori			
				ng smart			
				automati			
				on device			
				to			
				S7EEE			
Technical				students			
Professional Chapters							
Field							
Visits/Internships							
Placement							
Innovation &							
Entrepreneurship							
Extension Activities							



					Basketba Il Free Throw Competit ion	expert session on Health, Fitness	
Sports						&Hygien e	
Arts							
Forums							
1 Orums	9	10	11	12	13	14	15
Academics	Easter	10			13	Dr.B.R. Ambedka r Jayanthi	
		Worksho p on Ruby for S4 Students	Orientati on on Higher studies oppurtuni ties in abroad				knowled ge sharing program
Technical		(CS)	(CS)				me (EE)
Professional Chapters							
Field							
Visits/Internships							
Placement							
Innovation &							
Entrepreneurship							
Extension Activities							
Sports							
Auto					IGNIZ - College		
Arts					fest		
Forums	16	17	18	19	20	21	22
	10	S2 MCA		19	20	21	22
		Internal	Internal			Eid-Ul-Fi	Holiday
Academics		Exam II	Exam II		A	tr	

WARUKUTTY TO THE SHAKULAM ERHAKULAM ERHAKULAM

					ī		
			knowled				
			ge			Knowled	
			sharing			ge	
			program			Sharing	
			me21			Program	
Technical			(BSH)			me (CS)	
Professional Chapters			(221)			1110 (02)	
Field							
Visits/Internships							
V 151ts/ Internships			Antituda		Employ		
			Aptitude		Employ		
			Training		ment .		
			for		opportuni		
			prefinal		ties		
			year		through		
Placement			students		GATE		
Innovation &						Mentorin	
Entrepreneurship						g Session	
Extension Activities							
Sports							
Arts							
Forums							
	23	24	25	26	27	28	29
						Class	
						Ends	
						Publish	
						Attendan	
						ce/Intern	
						als for	
						M.Tech	
Academics						S4	
					Knowled		
					ge		
					Sharing		
					Program		
Technical					me (CE)		
Professional Chapters							
Field							
Visits/Internships							
Placement					N.		
					- A		

CHGINEERIAGO TO THE CONTROL OF STATE OF

	Ir.		337 1 1		
	Exposure		Worksho		
	visit -		p on IPR		
	Field				
	visit to				
	incubatio				
	n or				
Innovation &	Patent				
Entrepreneurship	Centers				
Extension Activities					
Sports					
				Spot	
				Choreogr	
				aphy:	
				dance	
				competiti	
Arts				on (CE)	
				Internatio	
				nal	
				Dance	
				Dance	
Forums				(BSH)	
Social Responsibility				(DSH)	
Social Responsibility	30				
A 1 '	30				
Academics					
Technical					
Professional Chapters					
Field					
Visits/Internships					
Placement					
Innovation &					
Entrepreneurship		 		 	
Extension Activities					
Sports					
Arts		 			
Forums					
Social Responsibility					

Total Number of Working Days :22

	<u>s schoo</u> I		Calendar				
			May 2023				
	SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5	6
Academics							
					demonstr		
					ation of		
					energy		
					monitori		
					ng smart		
					automati		
					on device		
					to		
					S5EEE		
Technical					students		
Professional Chapters							
Field							
Visits/Internships							
Placement							
Innovation &							
Entrepreneurship							
Extension Activities				A	A	A	A1
				Annual	Annual	Annual	Annual
				Sports	Sports Day	Sports Day	Sports
				Day 2023/	2023/	2023/	Day 2023/
				The	The	The	The
				Fastests!	Fastests!	Fastests!	Fastests!
				SSET'S	SSET'S	SSET'S	SSET'S
				Fastest	Fastest	Fastest	Fastest
				M/W in	M/W in	M/W in	M/W in
				100 Mts	100 Mts	100 Mts	100 Mts
				race on	race on	race on	race on
				the	the	the	the
				World	World	World	World
				Athletics	Athletics	Athletics	Athletics
Sports				Day.	Day.	Day.	Day.

CHIGINEER/ACTY POR THE CHASSISTS TO SO STATE OF SO STA

a celebrity (CE), Poster Design Competit ion (EE) Forums	1	i	Ī	i i		Ī		
Celebrity (CE), Poster Design Competit ion (EE)							Talk with	
CE), Poster Design Competition (EE)							a	
Poster Design Competit ion (EE)							celebrity	
Poster Design Competit ion (EE)							(CE),	
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Professional Chapters						
Field						
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Arts						
Forums						
	28	29	30	31		
		Publish				
		Internals				
Academics		for S8				
Technical						
Professional Chapters						
Field						
Visits/Internships						
Placement						
Innovation &						
Entrepreneurship						
Extension Activities						
Sports						
Arts						
Forums						
Social Responsibility						

Total Number of Working Days :22



Vidya Nagar, Palissery, Karukutty, Kerala 683576

FACULTY WORK ALLOCATION (SUBJECT ALLOCATION)

SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY, KARUKUTTY

Department of Civil Engineering

Subject Allocation for Odd Semester 2022-23

Sl.	Name of Faculty	Theory		Lab	
No.		Name of Course	Semester & Class	Name of Lab	Semester & class
1	Dr. Anitha G Pillai				
2	Dr. Nisha L	ENVIRONMENTAL HYDROLOGY	S3 EE		
		FLUID MECHANICS AND HYDRAULICS	S3 CE	CIVIL ENGINEERING PLANNING & DRAFTING LAB*	S3 CE
3	Dr. Sanju Sreedharan	PHYSICOCHEMICAL WASTEWATER TREATMENT	S1 EE		
4	Dr. Santhosh G	GEOTECHNICAL ENGINEERING II	S5 CE2	GEOTECHNICAL ENGINEERING LAB*	S5 CE2
4	Dr. Santilosii G	BASICS OF CIVIL & MECHANICAL ENGG.	S1 CS3		
		ENVIRONMENTAL SYSTEM MODELING	S1 EE		
5	Dr. Ratish Menon	SUSTAINABLE WATER RESOURCE MANAGEMENT	S3 EE		
		APPLIED SOLID MECHANICS	S1 CASE	MT LAB II	S5 CE2
	Ms. Nandita Mohan	CONCRETE MATERIAL SCIENCE	S3 CASE	PROJECT PHASE I	S7 CE
6	Wis. Ivalidita ivioliali	SPECIFICATION AND COST ESTIMATION	B.Arch (S6 A and B)		
		PROJECT PHASE I	S7 CE		
7	Ms. Roshni K R	SUSTAINABLE ENGG.	S3 CO	SEMINAR	S7 CE
		ENGINEERING MECHANICS . \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	S1 EE	MT LAB*	S3 ME
8	Ms. Tennu Syriac	ENGINEERING MECHANICS	S7 CE	MT LAB II	S5 CE2

		ADVANCED METAL STRUCTURES	C1 CASE	ADVANCED STRUCTURAL	C1 CACE
			S1 CASE	ENGINEERING LAB	S1 CASE
		ADVANCED METAL STRUCTURES	S3 CASE		
9	Dr. Anand Raj		ON STUDY LE	AVE	
		STRUCTURAL ANALYSIS I	S5 CE2	SURVEY LAB	S3 CE
10	Ms. Geethu R Babu	HIGHRISE BUILDINGS	S1 CASE	ADVANCED STRUCTURAL ENGINEERING LAB*	S1 CASE
		SUSTAINABLE ENGINEERING	S3 CE	MT LAB	S3 AU
		SUSTAINABLE ENGINEERING	S3 CS1	CIVIL & MECH. WORKSHOP*	S1 AI
11	Ms. Lakshmi Priya	SUSTAINABLE ENGINEERING	S3 CS2		
		ENGINEERING MECHANICS (T)	S1 EE		
		ENGINEERING MECHANICS (T)	S1 EC		
		HIGHWAY MATERIALS AND DESIGN	S7 CE	SEMINAR	S7 CE
		MECHANICS OF SOLIDS	S3 ME	CIVIL & MECH. WORKSHOP	S1 CS1
12	Ms. Remya Y K			CIVIL & MECH. WORKSHOP*	S1 CS3
				CIVIL & MECH. WORKSHOP*	S1 EC
		BASICS OF CIVIL & MECHANICAL ENGG.	S1 CS1	SEMINAR	S7 CE
		BASICS OF CIVIL & MECHANICAL ENGG.	S1 CO	CIVIL & MECH. WORKSHOP*	S1 CS1
13	Ms. Merin Mathew	ENGINEERING MECHANICS (T)	S1 CE	CIVIL & MECH. WORKSHOP	S1 CO
				ENVIRONMENTAL MONITORING LAB 1	S1 EE
		GEOTECHNICAL ENGINEERING II	S5 CE1	GEOTECHNICAL ENGINEERING LAB*	S5 CE1
14	Dr. Praseeja A V	FLUID MECHANICS AND HYDRAULICS (T)	S3 CE	PROJECT PHASE I*	S7 CE
		GIS AND REMOTE SENSING FOR	S1 EE		
		HYSROLOGY AND WATER RESOURCES ENGG. RANGE PRINCIPAL P	S5 CE2	SEMINAR	S7 CE

5	Mr. Deepu R	DISASTER MANAGEMENT	S5 CE1	MT LAB	S3 ME
		BASICS OF CIVIL & MECHANICAL ENGG.	S1 AI		
5	Mr. Deeraj A D		ON STUDY LEA	VE	
		DESIGN OF CONCRETE STRUCTURES	S5 CE1	CIVIL ENGINEERING PLANNING & DRAFTING LAB	S3 CE
17	Mr. Jerry Anto	DESIGN OF CONCRETE STRUCTURES	S5 CE2		
. ,	Time volly Times	MECHANICS OF SOLIDS (T)	S3 CE		
		THEORY OF STRUCTURES 1	B.Arch (S1 A)		
		THEORY OF STRUCTURES 3	B.Arch (S3 A)		
8	Ms. Sruthy M R	NATURAL DISASTER AND MITIGATION	S7 (AU and EC)	GEOTECHNICAL ENGINEERING LAB	S5 CE1
		ENGINEERING MECHANICS	S1 CE	CIVIL & MECH. WORKSHOP*	S1 CS2
		DISASTER MANAGEMENT	S5 CE2	SEMINAR*	S7 CE
19	Dr. Akhila M	MECHANICS OF SOLIDS	S3 CE	MT LAB*	S3 AU
				CIVIL & MECH. WORKSHOP	S1 EC
		HYDROLOGY AND WATER RESOURCES ENGG.	S5 CE1	EE LAB	S7 CE
20	Ms. Sruthy S	DISASTER MANAGEMENT	S5 CS2	CIVIL & MECH. WORKSHOP*	S1 EE
		DISASTER MANAGEMENT	S5 ME2		
		DISASTER MANAGEMENT	S5 CS1	EE LAB*	S7 CE
21	Ms. Meera Varghese	DISASTER MANAGEMENT	S5 ME1	CIVIL & MECH. WORKSHOP	S1 CS3
21		ENVIRONMENTAL CHEMISTRY& MICROBIOLOGY	S1 EE	CIVIL & MECH. WORKSHOP	S1 EE
		NATURAL DISASTER AND MITIGATION	S7 (ME and EE)	SURVEY LAB*	S3 CE
22	Ms. Anjana Susan John	MECHANICS OF SOLIDS (T)	S3 ME	CIVIL & MECH. WORKSHOP	S1 CS2
	j	BASICS OF CIVIL & MECHANICAL ENGG.	S1 CS2		
		BASICS OF CIVIL & MECHANICAL ENGG.	S1 EE		
		CONSTRUCTION TECHNOLOGY & MANAGEMENT	S5 CE1	MT LAB II	S5 CE1
23	Mr. Stiffin Benny	THEORY OF STRUCTURES \ . \ \ . \ \ . \ \ . \ \ \ . \ \ \ \	B.Arch (S1 B)	CIVIL & MECH. WORKSHOP*	S1 CO
		GINFREORY OF STRUCTURES 3	B.Arch (S3 B)		
		DESIGN OF CONCRETE STRUCTURES (T)	S5 CE1		
	1	PRINCIPAL PRINCIPAL SCHOOL OF ENGINEERING			

		DESIGN OF CONCRETE STRUCTURES (T)	S5 CE2		
		ENVIRONMENTAL IMPACT ASSESSMENT	S7 (CS1, CS2, ME)	GEOTECHNICAL ENGINEERING LAB*	S5 CE2
24	Dr. Rahul R Pai	SURVEY AND GEOMATICS	S3 CE		
		BASICS OF CIVIL & MECHANICAL ENGG.	S1 EC		
		STRUCTURAL ANALYSIS I (T)	S5 CE1		
		STRUCTURAL ANALYSIS I (T)	S5 CE2		
		ENGINEERING MECHANICS	S1 EC	MT LAB II*	S5 CE2
25	Mr. Akshai K Sugathan	ADVANCED THEORY & DESIGN OF CONCRETE STRUCTURES	S1 CASE	ADVANCED STRUCTURAL ENGINEERING LAB	S1 CASE
26	Ms. Anju Mary Elias	CONSTRUCTION TECHNOLOGY& MANAGEMENT	S5 CE2	MT LAB II*	S5 CE1
		STRUCTURAL ANALYSIS I	5 CE1	CIVIL & MECH. WORKSHOP	S1 AI

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COURSE PLAN



COURSE INFORMATION & COURSE PLAN

5. CET309

CONSTRUCTION TECHNOLOGY AND MANAGEMENT



5. CET309 CONSTRUCTION TECHNOLOGY AND MANAGEMENT 5.1 COURSE INFORMATION

Course Syllabus:

Course	Course Name	L-T-P- Credits	Year of Introduction
Code CET309	CONSTRUCTION TECHNOLOGY AND	3-0-0-3	2019
	MANAGEMENT		

Prerequisite: Basics of Civil and Mechanical Engineering

Course objectives:

Construction Technology and Management introduces the basic concepts of civil engineering construction and its management. The course provides a detailed insight into the materials used in construction, various building elements and construction technology. Management is essential for successful completion of construction projects and the course introduces the students to the basic concepts of construction project management and planning. After the course, students will be familiar with the fundamental concepts of building construction and management.

Syllabus

Construction Materials- Timber products, cement, aggregate, water, admixtures. Concrete and Building Construction- Process of manufacturing concrete, Properties of fresh concrete, Properties of hardened concrete, Lintels and arches, Finishing works, Structural systems. Construction Technology- Cost-effective construction, Scaffolding, Formwork, Prefabricated construction, Basic concept of prestressing, Construction 3D printing, Building failures. Construction Project Management- Tendering, Contracts. Construction Planning- Types of Schedules, Bar chart, Mile Stone Charts, Networks, Network representation, Network analysis

Expected outcome:

After successful completion of this course, the students will be able to:

- Describe the properties of materials used in construction
- Explain the properties of concrete and its determination
- Describe the various elements of building construction
- Explain the technologies for construction
- Describe the procedure for planning and executing public works
- Apply scheduling techniques in project planning and control

Text Books / References:

- 1. Shetty M.S. and A. K. Jain (2019). Concrete Technology. Theory and Practice, S. Chand & Company Pvt. Ltd. GINEERIAGO
- 2. Varghese P. C. (2007), Building Constitution, Prentice Hall India.



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3. Punmia B. C., Ashok Kumar Jain and Arun Kumar Jain (2016), Building Construction, Laxmi Publications (P) Ltd.

4. Sharma S.C. and S.V. Deodhar (2019), Construction Engineering & Management,

Khanna Book Publishing Co. (P) Ltd.

5. Kumar Neeraj Jha (2015), Construction Project Management: Theory and Practice, Pearson India Education Services Pvt.Ltd.

Reference:

 SahuG. C.andJoygopal Jena (2015), Building Materials and Construction, McGraw Hill Education (India) Private Limited.

2. Gambhir M. L. (2004), Concrete Technology, Tata McGraw-Hill Publishing

Company Limited. CIVIL ENGINEERING

3. Sharma S.K. (2019), Civil Engineering Construction Materials, Khanna Book Publishing Co. (P) Ltd.

4. Neville A.M. and BrooksJ.J. (2010), Concrete Technology, Pearson Education Ltd.

5. Mehta P. K. and Paulo J. M. Monteiro (2014), Concrete-Microstructure, Properties and Materials, McGraw Hill Education.

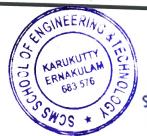
6. SanthakumarR. (2006), Concrete Technology, Oxford Universities Press India.

- 7. Tony Bryan (2010), Construction Technology Analysis and Choice, Wiley-Blackwell.
- 8. Joseph J. Moder, Cecil R. Philips and Edward W. Davis (1983), Project Management with CPM, PERT and Precedence Diagramming, Van Nostrand Reinhold Company Inc.
- 9. Charles Patrick (2012), Construction Project Planning and Scheduling, Dorling Kindersley India Pvt. Ltd.

10. Daniel W. Halpin and Bolivar A. Senior (2011), Construction Management, John Wiley and Sons Inc.

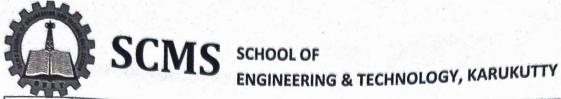
	COURSE PLAN		
Module	. Contents	Hours	Sem. Exam Marks %
I	Construction Materials Timber products –properties and uses of veneer, plywood, fibre board, particle board, multi wood Cement: Manufacturing, chemical composition, Tests on cement – specific gravity, standard consistency, initial and final setting time, fineness, soundness, compressive strength, IS specifications Aggregates – types, Gradation, importance of gradation, bulking of fine aggregate Quality of water for construction (Brief discussion only, Permissible limits of chemical constituents not required) Admixtures, uses – mineral admixtures – fly ash and	9	20

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	and a series of the series of	T	
	ground granulated blast furnace slag and chemical		
	admixtures – plasticizers, super plasticizers,		
	accelerators, retarders (brief discussion only)		
	Concrete and Building Construction		
	Process of manufacturing concrete – batching, mixing,		
	transportation, placing, compacting, finishing, curing		
	Properties of fresh concrete: Workability, factors		
	affecting workability, test on workability (slump test),		
	segregation and bleeding (brief discussion)		
**	Properties of hardened concrete: Strength, factors		. 20
II	affecting strength, tests for strength of concrete	9	20
	in compression, tension and flexure		
	Lintels and arches: Types and construction details		
	Damp proof course (brief discussion only)		
	Finishing works: Plastering, pointing, painting –		
	objectives and types		
	Structural systems – load bearing and framed		*
	construction, RCC and steel framed structures		
	Construction Technology		
	Cost-effective construction – rapid wall construction,		
	soil-cement block masonry, voided slab technology,		
	filler slab technology(brief discussion only)		
	Scaffolding – uses and classification (brief discussion		
	only)		
	Formwork – requirements of good formwork,		
777	classification, slipform(brief discussion only)	0	. 20
III	Prefabricated construction – advantages and	9	20
	disadvantages, prefabricated building components.		
	Basic concept of prestressing – fundamental		
	understanding of pre-tensioned and post-tensioned		
	construction	,	
	Construction 3D printing (brief discussion only)		
	Building failures – general reasons		
	Causes of failures in RCC, steel and masonry structures Construction Project Management		
	•		
	Construction projects, categories, life cycle of a project		
	-pre-project phase, project phase, postproject phase,		
IV	Detailed Project Report – contents	9 .	20
	Tendering: types of tenders, stages in tendering		
	Contracts: types of contracts – item rate contract,		
	lumpsum contract, percentage rate contract, turnkey		
	contracts, concession contracts – BOT	Ihr	-
V	Construction Planning GINEERING	6.3	20
	Work break down structure to Civil Engineering Page B CRNA SCHOOL OF VIDYANAGAR,	1	
	t of Civil Engineering Page 28 ERNAKULAM ERNAKULAM PI	- ACIDAL	
	t of Civil Engineering Page B ERNAKUL PI	RINCIPAL	



Types of Schedules – Construction schedule, Material schedule, labour schedule, equipment schedule, financial schedule Bar chart, Mile Stone Charts Networks, Network representation – Activity on Node (AoN) Diagram Network analysis – Critical Path Method (CPM), Programme Evaluation and Review Technique(PERT) –	
concepts and problems	50-7
FND SEMESTED EXAMINATION	

QUESTION PAPER PATTERN (End semester exam)

Maximum Marks :100 Exam Duration: 3 Hrs

The question consists of two parts- Part A and Part B. Part A consists of 10 questions with 3 marks for each (two questions from each module). Part B consists of two questions from each module, out of which one has to be answered. Each question carries 14 marks and can have maximum 2 subdivisions.

COURSE OUTCOMES:

Sl. No.	Course Outcomes
1	Describe the properties of materials used in construction
2	Explain the properties of concrete and its determination
3	Describe the various elements of building construction
4	Explain the technologies for construction
5	Describe the procedure for planning and executing public works
6	Apply scheduling techniques in project planning and control

CO-PO MATRIX

CO	

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1	3				1	1	1		1	
2	3				1		11		1	
3	3				. 1				·1	
4	3				2	11			1	
5	3	2			1				1	3
6	3	3	3	1				2	1	3

1.Slight (Low-L), 2. Moderate (Medium-M), 3. Substantial (High-H), 4. No Correlation '-'

CO-PSO MATRIX

PSO	PSO1	PSO2	PSO3
co			
1	3	2	
2	3	2	
3	3	2	
4	3	3	
5	3		2
6	3		2

CONTENT BEYOND SYLLABUS

Topic 1. Concrete Mix design

E-CONTENT (Additional learning)

1. https://nptel.ac.in/courses/105102012

GAPS IN SYLLABUS

Sl. No.	Gap	Action Taken	Date – Month - Year	Resource Person with Designation	Percentage of Students	Relevance to POs	Relevance) to PSOs
						_	,

Proposed Actions:

INSTRUCTIONAL METHODOLOGIES

- 1. Contact classes
- 2. Lecture using powerpoint presentation
- 3. YouTube and NPTEL videos

Department of Civil Engineering



DIRECT ASSESSMENT METHODOLOGIES

- 1. Assignments
- 2. Series/ Class tests
- 3. University Examination

INDIRECT ASSESSMENT METHODOLOGIES

- 1. Assessment of course outcomes
- 2. Student feedback

5.2 SESSION PLAN

Date	Date Hr. Durati		rati	Course outcomes addressed	Book
20/09	3	3 50 min Introduction about subject – Syllabus – Evaluation policy		-	_
	*		Module 1		
			Hours as per syllabus - 6		
24/09	1		Timber products –properties and uses of veneer, plywood, fibre board, particle board, multi wood	.CO1	
26/09	7		Cement – Manufacturing, chemical composition	CO1	
28/09	6		Tests on cement – specific gravity, standard consistency, initial and final setting time, fineness, soundness, compressive strength, IS specifications	CO1	
29/09	1	.	Aggregates – types, Gradation, importance of gradation, bulking of fine aggregate	CO1	B1
10/10	5		Quality of water for construction	CO1	
12/10	6	0 minute	Admixtures, uses – mineral admixtures – fly ash and ground granulated blast furnace slag and chemical admixtures – plasticizers, superplasticizers, accelerators, retarders (brief discussion only)	CO1	٠
Fotal ho	urs pla	nned:	6		
			Module 2		
			Hours as per syllabus – 8		
5/10	1		Concrete manufacturing – batching, mixing, ransportation	CO2	B1
7/10	7	02.	Concrete manufacturing -placing, compacting, finishing,	CO2	

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			curing		
19/10	6		Properties of fresh concrete: Workability, factors affecting workability, test on workability (slump test), segregation and bleeding	CO2	
20/10	1		Properties of hardened concrete: Strength, factors affecting strength	CO2	
26/10	6		Tests for strength of concrete in compression, tension and flexure	CO2	
27/10	1	1 1	Lintels and arches: Types, Damp proof course	CO3	1
31/10	7 .		Finishing works: Plastering, pointing (objectives and types), Painting (objectives and types)	CO3	
02/11	6		Structural systems – load bearing and framed construction, RCC and steel framed structures	CO3	
Total h	ours nl:	anned	1. 8		
	0 10		Module 3		
			Hours as per syllabus – 6		
03/11	1		Cost-effective construction	CO4	
08/11	3	1	Scaffolding – uses and classification	CO4	1
09/11	6	es	Formwork	CO4	1
10/11	1	minutes	Prefabricated construction	CO4	I
16/11	6		Basic concept of prestressing, Construction 3D printing	CO4	1
17/11	1	50	Building failures	CO4	1
			Causes of failures	CO4	<u> </u>
Total h	ours pl	anneo	d: 7	I	
			Module 4		
*			Hours as per syllabus – 7		
21/11	6		Construction projects, categories	CO5	
23/11	6		life cycle of a project	.CO5	
24/11	1		Detailed Project Report	CO5	
28/11	7	es	Tendering: types of tenders	CO5	Е
30/11	6	minutes	Stages in tendering	CO5	L
01/12	1		Contracts: types of contracts	CO5	
05/12	7	50	Contracts: types of contracts	CO5	
Total h	ours pl		d: 7	503	
			Module 5		
			Hours as per syllabus – 8	-	
08/12	1		Work break down structure	CO6	. B
15/12	1		Types of Schedules	CO6	. 23
17/12	3	_	Bar chart, Mile Stone Charts	CO6	
19/12	7	_	Networks, Network representation	CO6	
20/12	6	_	Network diagram	CO6	
21/12	1		Network analysis CRMER/A Network analysis CRMER/A Network analysis CRMER/A	CO6	
22/12	2				

Department of Civil Engineering Page RAKULAN 683 576



03/01	6	Network	
04/01	3	Network analysis problems	CO6
05/01	6	1 Malvers we 11	CO6
Total h	ours pla	Probability of project completion	C06
06/01	6	Revision	
07/01	2	Discussion of previous university papers	
		- Drevious university pages	

4.3ASSIGNMENT QUESTIONS

Assignment I

1. Explain different types of Schedules with an example – Construction schedule, Material schedule, labour schedule, equipment schedule, financial schedule

[CO6]

2. a) A project consists of 8 activities with their duration (in weeks) as follows.

Activity	A	В	С	D	Е	F	G	Н
Duration	2	4	2	4	6	4	5	4

The precedence relationships of activities are as follows: A and B can be performed in parallel. C and D cannot start until A is complete. E cannot start until half the work of activity C is complete. F can start only after activity D is complete. G succeeds C. H is the last activity, which should succeed E.

Draw the bar chart and find the total time of completion of the project.

If there is an increase of 2 weeks in the time of completion of activity A, what will be the corresponding increase in the total time of the completion of the project?

b) List the advantages and disadvantages of bar charts.

[CO6]

3. The following table lists the various jobs of a network along with their time estimates (days).

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SCMS SCHOOL OF

SCHOOL OF ENGINEERING & TECHNOLOGY, KARUKUTTY

			D	В	F	G
A	В	C	2		-	-
		A	В	Α	B	C, D
6	5	4	4	4	2	4
9	8	7	7	7	5	10
19	17	22	16	10	8	22
	A - 6 9 18	6 5 9 8	A 6 5 4 9 8 7	- A B 6 5 4 4 9 8 7 7	A B A B A 6 5 4 4 4 9 8 7 7 7	A B A B A B 6 5 4 4 4 2 9 8 7 7 7 5

Draw the project network (AoN network).

Calculate the length and variance of the critical path.

Calculate the probability of completing the project in 35 days.

Within how many weeks would you expect the project to be completed with a probability of 95%?

[CO6

Assignment II

1.	Explain various terminologies used in arches with figure	[CO3]
2.	Differentiate between RCC and steel framed structure	[CO3]
3.	Explain the basic concept of prestressing	[CO4]
4.	Explain construction using 3D printing	[CO4]

Cray 1

Prepared byAnju Mary Ealias

W.

Approved by

HoD





Vidya Nagar, Palissery, Karukutty, Kerala 683576

TIMETABLE

Vidya Nagar, Karukutty - 683 576

Time Table w.e.f 12-09-2022

AUTOMOBILE ENGINEERING (S3) - Class Room No. AC1 02												
	1	2	3		4	5	6	7				
Day	8.45 -9.35	9.35 -10.25	10.35 -11.30		12.15 -1.05pm	1.05-1.55	2.05 -2.55	2.55 – 3.45				
				M/ PDECA								
Mon.	PDECA	MOS	ETD	LUNCH	(R)	AC	PE	AC				
Tue	AU (APV*	,VPG)/MT Lab	(AAM*, LP)	BREAK	M/ MOS (R)	PDECA	AC	Y2P				
Wed	AC	PDECA	AC		M/ ETD (R)	MOS	ETD	MOS				
Thu	MOS	ETD	PDECA		M/ AC (R)	AU (APV'	*,VPG) /MT Lab ((AAM*, LP)				
Fri	ETD	PE	ETD		SE	MOS	PDECA	SE				

Course	e Code	Course Name		Name of Faculty	Google Class code
		Partial Differential Equation			
PDECA	MAT201	& Complex Analysis	NMU	Dr. Nuja Unnikrishnan	bg2plsa
MOS	MET201	Mechanics of Solids	JPC	Dr. Jayadevan P. C.	mojm5a5
		Engineering			
ETD	AUT203	Thermodynamics	AJ	Dr. Albin Joseph	nnbtkib
AC	AUT201	Automotive Chassis	VPG	Mr. Vipin Raj.P.G.	eoymcmi
PE	HUT 200	Professional Ethics	AMS	Mr. Anoop M. S.	2ovyss5
SE	MCN201	Sustainable Engineering	AJ	Dr. Albin Joseph	cb6b5gh
				Mr. Aravind P. V.*, Mr.	
AL-1	AUL201	Automobile Lab 1	APV*,VPG	Vipin Raj.P.G.	v3vmbcj
				Dr. Akhila M*, Ms.	
MT LAB	MEL203	Material Testing Lab	AAM*, LP	Lakshmi Priya	f4syzyb
MIN		Minor Course			
Y2P	-	Youth to Power	DMS	Ms. Divya M. S.	
Saturday's Tir	me table will be	e on a rotation basis (Monday to	Friday) and will	be intimated well in advance	

HoD Dean Academics Principal

KARUKUTTY ERNAKULAM 683 576

Vidya Nagar, Karukutty - 683 576

Time Table w.e.f 12-09-2022

	CIVIL ENGINEERING (S3) - Class Room No. ACII 206													
	1	2	3		4	5	6	7						
Day	8.45 -9.35	9.35 -10.25	10.35 -11.30		12.15 -1.05pm	1.05-1.55	2.05 -2.55	2.55 – 3.45						
Mon.	MOS	SE	FMH	LUNCH	PDECA (R)	PDECA	S & G	Y2P						
Tue	FMH	PE	PDECA	BREAK	MOS (R)	SU	RVEY/CEPD Lab							
Wed	S&G	PDECA	FMH		S & G (R)	FMH	MOS	MOS						
Thu		SURVEY/CEPD Lab			FMH (R)	PDECA	S&G	S & G						
Fri	MOS	FMH	PDECA		SE	S & G	MOS	PE						

Cours	e Code	Course Name		Name of Faculty	Google Class code
		Partial Differential Equation &			
PDECA	MAT201	Complex Analysis	SC	Ms. Sophia Cleetus	ns2lenh
MOS	CET201	Mechanics of Solids	AAM*, JA	Dr. Akhila M, Mr. Jerry Anto	sn5hovh
		Fluid Mechanics &		Dr. Sanju Sreedharan, Ms.	
FMH	CET203	Hydraulics	SS*, SMR	Sruthy M R	fmhxvqu
		Surveying &		·	·
S&G	CET205	Geomatics	RRP	Dr. Rahul R Pai	x5ll3lw
PE	HUT 200	Professional Ethics	AMS	Mr. Anoop M S	b6bz7io
		Sustainable		·	
SE	MCN201	Engineering	LP	Ms. Lakshmi Priya	ssxtfb7
		Civil Engineering Planning & Drafting		Dr. Sanju Sreedharan*, Mr.	
CEPD LAB	CEL201	Lab	SS*, JA	Jerry Anto	ac633e6
				Ms. Anjana Susan John*,	
Survey Lab	CEL203	Survey Lab	ASJ*, GRB	Ms. Geethu R Babu	nz4c2yv
MIN		Minor Course			
R	REM	Remedial			
Y2P	-	Youth to Power	FMJ	Ms. Febini M.Joseph	
Saturday's Time ta	ble will be on a rota	tion basis (Monday to Friday) and will be intima	ed well in advance	ce.	•

HoD Dean Academics Principal

(KARUKUTTY)
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683 576



Vidya Nagar, Palissery, Karukutty, Kerala 683576

Remedial class

Remedial sessions are additional classes that are provided to students who need extra support in their studies. These classes are designed to help students who are struggling in their coursework and require additional attention and guidance to achieve their academic goals.

Identification process of students who need remedial courses:

Following the first-class test, students who didn't perform well are identified by respective subject teachers. Those who scored below 60% are provided with remedial sessions to improve their performance.

In addition, for papers with challenging exams, teachers may choose to raise the cutoff for remedial sessions at their discretion.

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Vidya Nagar, Palissery, Karukutty, Kerala 683576

REMEDIAL TIME TABLE

SCMS SCHOOL OF ENGINEERING & TECHNOLOGY, KARUKUTTY $\label{eq:constraint} \textbf{DEPARTMENT OF CIVIL ENGINEERING}$

Remedial Class Schedule

SCMS SCHOOL OF ENGINEERING & TECHNOLOGY, KARUKUTTY DEPARTMENT OF CIVIL ENGINEERING

Grade Improvement Class Schedule

: 2022-2023 : 2022-2023 Academic Year Academic Year : S1 Semester : S1 Semester : CE & CV : CE & CV Branch Branch : 2022 Batch : 2022 Batch : 15+2 : 15+2 Class strength Class strength

Roll No.	Name of the Student	Branch	Course & Proposed Dates	Roll No.	Name of the Student	Branch	Course & Proposed Dates
2	ANGEL MARIA ROY	CE		2	APARNA SANTOSH	CE	
6	ATHITHA A	CE	CYT100 Engineering Chemistry	3	ARJUN V SATHIAN	CE	
7	GOWRI BENESH M	CE	Ms. Anju Nair	4	ASWATHI. A. V	CE	EST100 Engineering Mechanics
12	SAFWANA.V.S	CE		6	FATHIMA SALIM K	CE	Ms. Sruthy M R
13	SHAMEEMA NAZRIN K S	CE	25.02.2023	8	HUDHA SALIM	CE	
16	SREESHAIG K	CE	1.00PM - 3.30PM	10	NANDANA A. S	CE	08.02.2023 & 09.02.2023
1	ALISHA K R	CV		11	PRANAV K S	CE	Full Day
2	ANGEL MARIA ROY	CE		12	SAFWANA.V.S	CE	
6	ATHITHA A	CE	EST100 Engineering Mechanics	13	SHAMEEMA NAZRIN K S	CE	
8	GOWRI BENESH M	CE	Ms. Sruthy M R	14	SIDDHARTH J NAIR	CE	
10	JISMI SHAJU	CE		2	ANGELA THERESSA	CV	
16	SREESHAIG K	CE	08.02.2023 & 09.02.2023				MAT101 Linear Algebra & Calculus
1	ALISHA K R	CV	Full Day		Whole Class	CE & CV	Ms. Jinu M J
	•		MAT101 Linear Algebra & Calculus				During regular class hours
	Whole Class	CE & CV	Ms. Jinu M J		•		
			During regular class hours				

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File Name: Details of Grade Improvement classes

SSET/NBA/CE/P-

SCMS SCHOOL OF ENGINEERING & TECHNOLOGY,

KARUKUTTY - 683576

List of students for remedial classes

Name of the Department : Civil Engineering

Name of the Course & Code : CET 302 STRUCTURAL ANALYSIS II

Semester & Year of study : S6 CE 1, 2022-23

Batch : 2020-2024

Total No. of students : 44

Remedial classes date: 21/02/2023, 28/02/2023, 07/03/2023, 28/03/2023,

11/04/2023,25/04/2023, 17/06/2023, 20/06/2023 List of students selected for Remedial classes

Sl. No	Name of the Student
1	ADITHYA HARI
2	ADITYA LAKSHMI SUJITH
3	AJMAL C S
4	AKSHAY AJITH
5	AMAL KRISHNA
6	ANJALI VINCENT
7	ASFAR SAKEER
8	ASWATHI S
9	ASWIN P BIJU
10	DEVADATH BIJUKUMAR
11	DEVANARAYANAN S
12	DHANALAKSHMI M V
13	DIYA JOSE
14	GEO ANTONY
15	GOUTHAMI S P
16	AKASH MENON
17	ALWYN JOSE ANTONY
18	ANAGHA P V
19	ARUN R K
20	KARTHIKA M P
21	KEERTHANA CHRISTOPHER
22	MARTIN ANTONY BUEERING
23	ROHITH SREEK RASS

SCMS SCHOOL OF ENGINEERING & TECHNOLOGY, KARUKUTTY – 683576

Attendance Details of remedial classes

Name of the Department : Civil Engineering

Name of the Course & Code: CET 302 STRUCTURAL ANALYSIS II

Semester & Year of study : S6 CE 1, 2022-23

Batch : 2020-2024

Total No. of students : 44

Remedial classes date : 21/02/2023, 28/02/2023, 07/03/2023, 28/03/2023,

11/04/2023,25/04/2023, 17/06/2023, 20/06/2023

Mode of conduct : Offline Sessions

Total No. of Remedial classes hours: 8

Sl.No	Name of the student	No. of hrs attended	Attendance %
1	ADITHYA HARI	8	100
2	ADITYA LAKSHMI SUJITH	7	87.5
3	AJMAL C S	8	100
4	AKSHAY AJITH	6	75
5	AMAL KRISHNA	4	50
6	ANJALI VINCENT	8	100
7	ASFAR SAKEER	7	87.5
8	ASWATHI S	4	50
9	ASWIN P BIJU	6	75
10	DEVADATH BIJUKUMAR	8	100
11	DEVANARAYANAN S	8	100
12	DHANALAKSHMI M V	8	100
13	DIYA JOSE	6	75
14	GEO ANTONY	7	87.5
15	GOUTHAMI S P	5	62.5
16	AKASH MENON	6	75
17	ALWYN JOSE ANTONY	7	87.5
18	ANAGHA P V	8	100
19	ARUN R K	8	100
20	KARTHIKA M P	6	75
21	KEERTHANA CHRISTOPHER	7	87.5
22	MARTIN ANTONY P J	8	100
23	ROHITH SREENIVAS	8	100

SCMS SCHOOL OF ENGINEERING & TECHNOLOGY, KARUKUTTY – 683576

Content Delivery Details of remedial classes

Name of the Department : Civil Engineering

Name of the Course & Code: CET 302 STRUCTURAL ANALYSIS II

Semester & Year of study : S6 CE 1, 2022-23

Batch : 2020-2024

Total No. of students : 44

No. of students in Remedial classes : 23

Units taught : Module 1, 2,3,4,5

Sl.No	Topics Covered	No. of Hours	Date of Delivery
1.	Flexibility method- Beam Numerical problems	1	21/02/2023
2.	Flexibility method- Portal frame Numerical problems	1	28/02/2023
3	Development of stiffness method	1	07/03/2023
4	Stiffness method- Beam Numerical problems	1	28/03/2023
5	Direct Stiffness method- Beam Numerical problems	1	11/04/2023
6	Shape factor	1	25/04/2023
7	7 Plastic hinge analysis- numerical methods		17/06/2023
8	Structural dynamics	1	20/06/2023

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SCMS SCHOOL OF ENGINEERING & TECHNOLOGY, KARUKUTTY – 683576

Details of exam conducted

Name of the Department : Civil Engineering

Name of the Course & Code: CET 302 STRUCTURAL ANALYSIS II

Semester & Year of study : S6 CE 1, 2022-23

Batch : 2020-2024

Total No. of students : 44

No. of students in Remedial classes : 23

Sl.No	Name of the student	1st series test	2 nd series test	Remark	
1	ADITHYA HARI	ARI 12 18		improved	
2	ADITYA LAKSHMI SUJITH	17	21	improved	
3	AJMAL C S	А	17	improved	
4	AKSHAY AJITH	25	28	improved	
5	AMAL KRISHNA	20	18	Less attendance	
6	ANJALI VINCENT	14	23	improved	
7	ASFAR SAKEER	13	18	improved	
8	ASWATHI S	21	18	Less attendance	
9	ASWIN P BIJU	А	25	improved	
10	DEVADATH BIJUKUMAR	25	31	improved	
11	DEVANARAYANAN S	32	35	improved	
12	DHANALAKSHMI M V	7	24	improved	
13	DIYA JOSE	8	14	improved	
14	GEO ANTONY	A	23	improved	
15	GOUTHAMI S P	36	38	improved	
16	AKASH MENON	12	23	improved	
17	ALWYN JOSE ANTONY	26	30	improved	
18	ANAGHA P V	32	34	improved	
19	ARUN R K	A	20	improved	
20	KARTHIKA M P	20	21	improved	
21	KEERTHANA CHRISTOPHER	10	15	improved	
22	MARTIN ANTONY P J	A	15	improved	
23	ROHITH SREENIVAS	A	17	improved	

Faculty

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Vidya Nagar, Palissery, Karukutty, Kerala 683576

FACULTY MEETING MINUTES

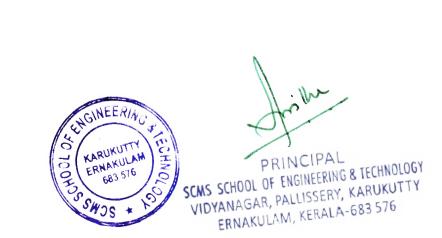
Vidya Nagar, Karukutty - 683 582

DEPARTMENT OF CIVIL ENGINEERING

MINUTES OF DEPARTMENT MEETING

DATE:	21/01/2023
VENUE:	Conference Hall, Administrative Block
TIME:	1.30 PM
MEETING CALLED BY:	Dr. Nisha L
TYPE OF MEETING:	Department Meeting
ATTENDED BY:	Attached

ATTENDED BY:		Attached				
SL NO.	ITEM	POINTS DISCUSSED	ACTION TAKEN / TO BE TAKEN / STATUS	ACTIO BY/ TARGET DATE		
1	Summary of Previous meetin	 NAAC peer team visit 	Course files and NBA files are to be updated			
2	PoA Audit	Plan of action for asses period July 2022 to Jul discussed	Criteria heads to update the PoA 2022-2023 google sheet Criteria heads to ensure whether gre mapped were rse log ndertaken m to be relaunched Only feasible targets to be added, which should be planned and executed in the scheduled time period Proofs for each PoA audit reports and Action Taken Report should be prepared after every PoA audit DAB and PAC meeting to be done			



Awareness of CO, PO and mappings to students Minimum 25 value added courses or add on courses to be conducted in 5 years assessment period Courses already planned- GIS, Mathematical Modeling, training by WASH institute Courses for school students and Polytechnic students to be conducted in our campus Knowledge sharing programs to be conducted offline Industrial visit by students to good industries and IV report is mandatory Alumni details to be collected Research publications to be promoted

Prepared by

Y K Remya

Approved by

Dr. Nisha L, HoD/CE

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SCMS SCHOOL OF ENGINEERING 8 TECHNOLOGY

VIDYANAGAR, PALLISSERY, KARUKUTTY

ERNAKULAM, KERALA-683 576

SCMS SCHOOL OF ENGINEERING & TECHNOLOGY B. Tech - S5 Civil Engineering 2 (2020 ADM) CET309 CONSTRUCTION TECHNOLOGY & MANAGEMENT SESSIONAL MARK LIST (THEORY)

Roll No	Register No	Student Name	ATTENDANCE	ASSIGNMENT	INTERNAL . TEST	TOTAL	GRAND TOTAL
T	SCM20CE030	HANA FATHIMA B S	7	15	13	35	38
2	SCM20CE031	JUNO THANKACHEN MATHEW	7	15	9	31	34
3	SCM20CE032	KAREN MARY FRANCIS	10	15	21	46	49:
4	SCM20CE033	KARTHIKA CHANDRAN	10	15	8	32	35
5	SCM20CE034	KARTHIKA M NAIR	9	· 15	14	38	41
6	SCM20CE035	LAKSHMI V JAYAN .	9	15	9 .	33	36
7	SCM20CE036	МЕЕКА АЛ	9	15	17	41	44
8	SCM20CE037	MEERA M PILLAI	9	15	11	35	38
9	SCM20CE038	MILNA JOSE	9	15	11	34	37
10	SCM20CE039	MOHAMMED RAWAS T	7	15	7	29	32
11	SCM20CE040	MUHAMMED ADHIL K J	10	15	8	33	36
12	SCM20CE041	NAVANEETH KRISHNAN	8	15	8	31	34
13	SCM20CE042	NEHA PRAKASH K	10	15	13	38	41
14	SCM20CE043	NIHAL N	8	15	8 -	31	34
15	SCM20CE044	NIHARA RAGHAVAN	9	15	23	47	50
16	SCM20CE046	NISHAL UNNI	9	15	14	38	41
17	SCM20CE047	NITHUL RAGHAVAN	9	15	12	. 36	39.
18	SCM20CE048	PRANAV MENON V	10	14	11	35	38
19	SCM20CE049	RADHIKA P	10	15	14	39	42
20	SCM20CE050	RILNA C BIJOY	10	13	5	28	31
21	SCM20CE051	R KAVYA	8	15	8	31	34
22	SCM20CE052	SANDHRA SUBHASH	10	15	13	38	41
23	SCM20CE053	SOBIN VARGHESE	10	15	· 24	49	50
24	SCM20CE054	SREELAKSHMI M	10 .	15	16	41	44
25	SCM20CE055	SREELAKSHMI SAJEEV	9	13	79	31	34
26	SCM20CE057	STEIN SAVIO PEREIRA	7	15	(8)	30	33
	SCM20CE058	THAMANNA V A	8	15	10	33	36 .
28	SCM20CE059	TONY PRINCE	10	15	12	36	39 .
29	SCM20CE060	VARUN VIJAYAN	10	15	24	49	50
		TO	TAL				1129
Modomi		AVER	RAGE				39

Moderation of 3 marks have been given for the whole class, by a maximum limited to 50

Anju Mary Ealias.
FACULTY IN CHARGE

MOD HOD

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