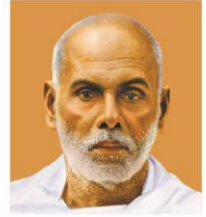
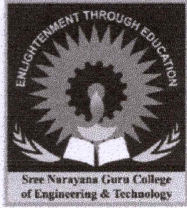


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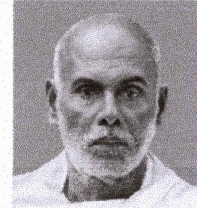


LIST OF COURSES RELEVANT TO ENVIRONMENT AND SUSTAINABILITY



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DEPARTMENT OF CIVIL ENGINEERING

List of courses relevant to Environment and Sustainability

SL. NO.	SCHEME	COURSE CODE	COURSE NAME
B.Tech			
1		BE103	Introduction to Sustainable Engineering
2		BE102	Design & Engineering
3		CE205	Engineering Geology
4		CE204	Construction Technology
5		CE208	Geotechnical Engineering I
6		CE301	Design of Concrete Structures I
7		CE305	Geotechnical Engineering- II
8		CE307	Geomatics
9		CE309	Water Resources Engineering
10		CE361	Advanced Concrete Technology
11		CE363	Geotechnical Investigation
12		CE365	Functional Design of Buildings
13		CE367	Water Conveyance Systems
14		CE369	Disaster Management
15		CE371	Environment and Pollution
16		CE 373	Advanced Mechanics of Materials
17		CE302	Design of Hydraulic Structures
18		CE304	Design of Concrete Structures II
19		CE308	Transportation Engineering- I
20		CE362	Ground Improvement Techniques

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21	2015	CE364	Advanced Foundation Engineering
22		CE366	Traffic Engineering and Management
23		CE368	Prestressed Concrete
24		CE372	Engineering Hydrology
25		CE374	Air Quality Management
26		CE401	Design of Steel Structures
27		CE405	Environmental Engineering- I
28		CE407	Transportation Engineering -II
29		CE461	Wave Hydrodynamics and Coastal Engineering
30		CE463	Bridge Engineering
31		CE465	Geo-Environmental Engineering
32		CE467	Highway Pavement Design
33		CE469	Environmental Impact Assessment
34		CE471	Advanced Structural Design
35		CE431	Environmental Engineering Lab
36		CE451	Seminar & Project Preliminary
37		CE402	Environmental Engineering II
38		CE492	Environmental Engineering Lab
39		CE462	Town and Country Planning
40		CE464	Reinforced Soil Structures and Geosynthetics
41		CE468	Structural Dynamics and Earthquake Resistant Design
42		CE472	Transportation Planning
43		CE474	Municipal Solid Waste Management
44		AU486	Noise, Vibration And Harshness
45		BT461	Design Of Biological Wastewater Systems
46		BT362	Sustainable Energy Processes
47		CH484	Fuel Cell Technology
48		EE482	Energy Management And Auditing
49		FT484	Food Storage Engineering
50		FT486	Food Additives And Flavouring
51		MP482	Product Development And Design

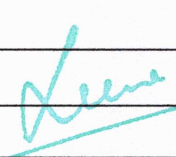

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M.Tech			
1	2015	10CE6113	Advanced Concrete Technology
2		10CE6106	Analysis and Design of Earthquake Resistant Structures
3		10CE6116	Composite Structures
4		10CE6122	Advanced Prestressed Concrete Design
5		10CE6124	Analysis and Design of Substructures
6		10CE6126	High Rise Structures
7		10CE7105	Design of Bridges
8		10CE7107	Structural Reliability
9		10CE7111	Stability of structures
10		10CE6109	Seminar – I
11		10CE6108	Mini Project
12		10CE7101	Seminar-II
13		10CE7103	Project (Phase 1)
14		10CE7104	Project (Phase 2)

B.Tech			
1		CET202	Engineering geology
2		CET204	Geotechnical engineering – I
3		CET206	Transportation engineering
4		EST200	Design & engineering
5		CET303	Design of concrete structures
6		CET305	Geotechnical engineering – II
7		CET307	Hydrology & water resources engineering
8		CET309	Construction technology& management
9		MCN301	Disaster management
10		CET304	Environmental engineering
11		CET306	Design of hydraulic structures
12		CET 322	Geotechnical investigation
13		CET 332	Traffic engineering & management


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14	2019	CET 352	Advanced concrete technology
15		CET 362	Environmental impact assessment
16		MCN401	Industrial safety engineering
17		CET 413	Prestressed concrete
18		CET 423	Ground improvement techniques
19		CET 433	Highway materials and design
20		CET 443	Applied hydrology
21		CET 453	Construction planning & management
22		CET 463	Advanced environmental engineering
23		CET 473	Optimisation techniques in civil engineering
24		CEL411	Environmental engineering lab
25		CEQ413	Seminar
26		CED415	Project phase I
27		CED416	Project phase II
28		CET 415	Environmental impact assessment
29		CET 425	Applied earth systems
30		CET 435	Informatics for infrastructure management
31		CET 445	Natural disasters and mitigation
32		CET 455	Environmental health and safety
33		CET 424	Geo-environmental engineering
34		CET 434	Railway and tunnel engineering
35		CET 444	Irrigation & drainage engineering
36		CET 454	Construction methods & equipment
37		CET 464	Air-quality management
38		CET 474	Urban planning & architecture
39		CET 416	Bridge engineering
40		CET 426	Advanced foundation design
41		CET 436	Transportation planning
42		CET 446	Informatics for infrastructure management
43		CET 456	Repair and rehabilitation of buildings
44		CET 466	Environmental remote sensing
45		CET 418	Earthquake resistant design
46		CET 428	Soil structure interaction


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47		CET 438	Airport, seaport and harbour engineering
48		CET 448	Hydro climatology
49		CET 458	Sustainable construction
50		CET281	Building construction & structural systems
51		CET283	Introduction To Geotechnical Engineering -
52		CET285	Informatics For Infrastructure Management
53		CET284	Introduction To Transportation Engineering
54		CET286	Climate Change & Hazard Mitigation
55		CET296	Geographical Information Systems
56		CET383	Eco-friendly Transportation Systems
57		CET385	Sustainability Analysis And Design
58		CET395	Transportation Systems Management
59		CET397	Ground Water Hydrology
60		CET384	Geotechnical Investigation & Ground Improvement Techniques
61		CET386	Environmental Health And Safety
62		CET396	Earth Dams And Earth Retaining Structures
63		CET398	Environmental Pollution Modelling


M. Tech

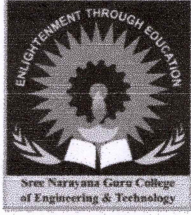
1	2022	222PCE100	Mini Project
2		221ECE037	High Rise Buildings
3		221ECE043	Forensic Engineering And Rehabilitation Of Structures
4		221ECE044	Design Of Offshore Structures
5		221ECE045	Analysis And Design Of Substructures
6		222ECE036	Structural Health Monitoring
7		222ECE037	Design Of Bridges
8		222ECE038	Stability Of Structures
9		222ECE042	Advanced Composite Structures
10		222ECE043	Design Of Earthquake Resistant Structures
11		222ECE096	Natural Hazards And Impact Management
12		222ECE097	Mechanics Of Composite Materials

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13		223PCE100	Dissertation Phase 1
14		223PCE001	Research Project Phase 1
15		223AGE010	Reuse And Recycle Technology
16		224PCE100	Dissertation Phase II
17		224PCE001	Research Project Phase II


B. MARY SONIA GEORGE
ASSOCIATE PROFESSOR & HOD
DEPARTMENT OF CIVIL ENGINEERING
SNGCET, PAYYANNUR

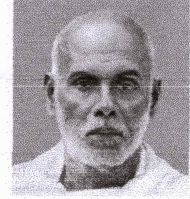

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

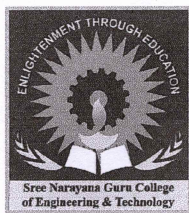
LIST OF COURSES RELEVANT TO ENVIRONMENT AND SUSTAINABILITY

SL NO.	SCHEME	COURSE CODE	COURSE NAME
1	2019	HUN101	Life Skills
		EST200	Design And Engineering
		MCN301	Disaster Management
2	2015	BE103	Introduction to Sustainable Engineering
		CS341	Design Project
		HS200	Business Economics

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HOD/CSE

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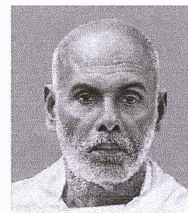
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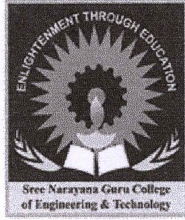
DEPARTMENT OF ELECTRONICS AND COMMUNICATION

LIST OF COURSES RELEVANT TO ENVIRONMENT AND SUSTAINABILITY

SL NO.	SCHEME	COURSE CODE	COURSE NAME
1	2019	MCN201	SUSTAINABLE ENGINEERING
		EST200	DESIGN AND ENGINEERING
		ECQ 413	SEMINAR
		ECT 425	BIOMEDICAL INSTRUMENTATION
		ECT 468	RENEWABLE ENERGY SYSTEMS
		ECD 415	PROJECT PHASE I
		ECD 416	PROJECT PHASE II
		MCN301	DISASTER MANAGEMENT
2	2015	EC341	DESIGN PROJECT
		EC451	SEMINAR & PROJECT PRELIMINARY
		EC 492	PROJECT
		BT362	SUSTAINABLE ENERGY PROCESSES
		CE482	ENVIRONMENTAL IMPACT ASSESSMENT
		CE488	DISASTER MANAGEMENT
		CE494	ENVIRONMENT HEALTH AND SAFETY
		ME482	ENERGY CONSERVATION AND MANAGEMENT
		FT484	FOOD STORAGE ENGINEERING
		FT482	FOOD PROCESS ENGINEERING

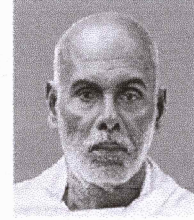
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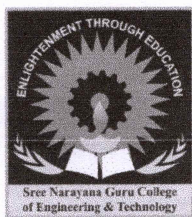
DEPARTMENT OF MECHANICAL ENGINEERING

LIST OF COURSES RELEVANT TO ENVIRONMENT AND SUSTAINABILITY

SL NO	SCHEME	COURSE CODE	COURSE NAME
1	2015	BE103	Introduction to Sustainable Engineering
		ME341	Design Project
		ME492	Project
		ME482	Energy Conservation and Management
2	2019	MET418	Reliability Engineering
		HUT300	Industrial Economics and Foreign Trade
		MCQ413	Seminar
		MCD 415	Project Phase I
		MCD 416	Project Phase II


HOD

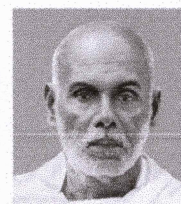

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

LIST OF COURSES RELEVANT TO ENVIRONMENT AND SUSTAIN ABILITY

SL. NO	SCHEME	COURSE CODE	COURSE NAME
1	2019 SCHEME	MCN201	SUSTAINABLE ENGINEERING
2		EST200	DESIGN AND ENGINEERING
3		MCN301	DISASTER MANAGEMENT
4		EET312	BIOMEDICAL INSTRUMENTATION
5		EET322	RENEWABLE ENERGY SYSTEMS
4		EET435	RENEWABLE ENERGY SYSTEMS
6		EET445	ELECTRIC VEHICLES
7		EET455	ENERGY MANAGEMENT
8		EET414	ROBOTICS
9		EET424	ENERGY MANAGEMENT
10		EET434	SMART GRID TECHNOLOGIES
11		EET436	POWER QUALITY
12		EET418	ELECTRIC AND HYBRID VEHICLES
13		EET438	ENERGY STORAGE SYSTEMS
14		EET458	SOLAR PV SYSTEMS
15		EET 284	ENERGY SYSTEMS
16		MCN401	INDUSTRIAL SAFETY ENGINEERING
17	EET 383	SOLAR AND WIND ENERGY CONVERSION SYSTEMS	


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18	2015 SCHEME	EE367	NEW AND RENEWABLE ENERGY SYSTEMS
19		EE372	BIOMEDICAL INSTRUMENTATION
20		EE465	POWER QUALITY
21		EE469	ELECTRIC AND HYBRID VEHICLES
22		EE474	ENERGY MANAGEMENT AND AUDITING
23		EE472	INTERNET OF THINGS
25		CE482	ENVIRONMENTAL IMPACT ASSESMENT

Dr. Leena
HOD EEE

Leena

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PRINCIPAL
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