

COURSE OUTCOMES (COS)

Course Name: C211 Mathematics-III

Year: II-I Sem A.Y: 2021-22

A.Y: 2021-22

Year: II-I Sem

C211.1	Solve problems in engineering involving PDEs.
C211.2	Evaluate second-order linear equations & initial and boundary conditions.
C211.3	Solve solutions for heat diffusion and vibration problems.
C211.4	Formulate and solve problems involving random variables.
C211.5	Apply statistical methods and hypothesis testing for analyzing experimental data.
C211.6	Use Concepts of F-distribution and chi-square distribution, goodness of fit and test for dependence.

Course Name: C212 Basic Electrical Engineering

C212.1 Analyze Electrical circuits to compute and measure the parameters of Electrical Energy. C212.2 Illustrate the working principles of Electrical DC Machines. C212.3 Identify and test various Electrical switchgear, single phase transformers and assess the ratings needed in given application. C212.4 Describe the working principles of electrical AC machines. C212.5 Discuss the various Electrical Installations.

C212.6 Discuss the Elementary calculations for energy consumption, power factor improvement and battery backup.

Course Name: C213 Building Material and Construction Year: II-I Sem A.Y: 2021-22

C213.1	Classify the types of construction materials like bricks, stones, steel, timber and their uses.
C213.2	Demonstrate the composition, properties and tests of cement and aggregates.
C213.3	Explain the manufacturing of concrete, properties and tests of fresh & hardened concrete.
C213.4	Discuss the types, properties of miscellaneous building materials like pointing, white & color washing, plastering, paints, varnishes, flooring, glass, bitumen etc.
C213.5	Illustrate the importance of energy conservation, damp proof coarse and fire protection in buildings
C213.6	Analyze structural components for fire resistance for wood, steel, concrete and masonry.

Course Name: C214 Solid Mechanics

C214.1	Apply the fundamental concepts of stress and strain in the analysis and design of axially loaded members.
C214.2	Analyze determinate beams to determine shear forces, bending moments and determine the bending stress distribution in beams.
C214.3	Determine the shear stress distribution in a beam and also the stresses in beams subjected to combined axial and bending loads.
C214.4	Evaluate the stresses and strains of circular members subjected to torsion and calculate the power required for torsional revolutions of shafts
C214.5	Analyze the combined stresses at a point to evaluate principal stresses, and their applications in evaluating failure criteria in various materials and pressure vessels
C214.6	Evaluate the stresses of circular members subjected to torsion and analyze different types of springs.

Course Name: C215 Fluid Mechanics

Year: II-I Sem A.Y: 2021-22

C215.1	Classify the fluids based on their properties.	
C215.2	Solve problems on pressure calculations, hydrostatic forces on bodies and buoyancy.	
C215.3	Explain types of flows with the corresponding mathematical equations.	
C215.4	Apply Euler's, Bernoulli's and Momentum equation to solve fluid dynamic problems.	
C215.5	5 Apply principles of fluid dynamics to make flow measurement calculations.	
C215.6	Analyze Compressibility of liquids and gases, Differential form of continuity equation, Bernoulli's energy	
	equation for isothermal and adiabatic conditions.	

Year: II-I Sem A.Y: 2021-22

Course Name: C216 Surveying and Geomatics

Year: II-I Sem A.Y: 2021-22

C216.1	Explain the terminologies and concepts involved in basic and modern surveying equipment & technologies and
	also defines the concepts of horizontal and vertical curves.
C216.2	Demonstrate the working principles and applications of basic and modern surveying instruments like chain,
	prismatic compass, plane table, dumpy level, theodolite and total station.
C216.3	Apply the knowledge of surveying & levelling in calculating lengths, bearings, reduced levels, elevation
	differences and plotting of a ground.
C216.4	Apply the knowledge of theodolite and trigonometry in finding horizontal and vertical angles, heights of
	inaccessible points.
C216.5	Use of knowledge of curves concept in surveying, in setting out both horizontal and vertical curves for the purpose
	of roadway and railway alignment.
C216.6	Calculate the elevations and distances of accessible and inaccessible objects by single and double plane methods.

Course Name: C217 Fluid Mechanics Lab

burse Name: C217 Fluid Mechanics Lab		Year: II-I Sem	A.Y: 2021-22
C217.1	Compute discharge flowing through streams and canals.		
C217.2	Determine discharge through pipes and losses in pipes.		
C217.3	Apply Bernoulli's principle in hydraulics.		
C217.4	Determine discharge flowing through tanks and open channels.		
C217.5	Identify the type of flow in pipe a pipe.		

Course Name: C218 Surveying Lab

Year: II-I Sem A.Y: 2021-22

C218.1	Illustrate the working principles and handling procedures of basic surveying instruments like chain, prismatic compass, plane table in finding out linear and angular measurements
C218.2	Use of surveying equipment's in computing lengths, areas & bearings of given field work
C218.3	Demonstrate the levelling instruments and apply the knowledge of levelling in finding out the reduced levels of ground
C218.4	Demonstrate the working principles and handling procedures of theodolite and total station
C218.5	Apply the knowledge of trigonometrical levelling in finding out reduced levels of elevated objects which are both accessible and inaccessible using theodolite and total station

Course Name: C219 Building Drawing and Drafting Lab Year: II-I Sem A.Y: 2021-22

C219.1	Illustrate the basic principles of building planning and drawings as per codal provisions.
C219.2	Apply the tools of AUTOCAD software to prepare structural drawings of various building components.
C219.3	Draw plan, elevation and sectional drawings of residential, hostel, hospital, school buildings in AutoCAD software.
C219.4	Create electrical, plumbing and sanitary drawings of a building.
C219.5	Develop isometric views of Single storey and Double storey residential buildings.

Coordinator



COURSE OUTCOMES (COS)

C	Course Name: C221 Finance and AccountingYear: II-II SemA.Y: 2021-22			
	C221.1	Evaluate the financial performance of the business unit.		
	C221.2	Take decisions on selection of projects.		
	C221.3	Compute the procurement of finances.		
	C221.4	Analyze the liquidity, solvency and profitability of the business unit.		
	C221.5	Evaluate the overall financial functioning of an enterprise.		
	C221.6	Analyse the liquidity, solvency, turnover and profitability ratios.		

Course Name: C222 Effective Technical Communication in English Year: II-II Sem A.Y: 2021-22

C222.1	Develop technical communication effectively.
C222.2	Use different types of professional correspondence.
C222.3	Use the various techniques of report writing.
C222.4	Adopt adequate skills of manual writing.
C222.5	Enhance their skills of information transfer and presentations.
C222.6	Adopt professional behavior and develop team spirit.

Course Name: C223 Engineering Geology

C223.1	Identify various minerals, rocks and analyse geological structures.
C223.2	Explain rock weathering, classify various soils and understand hydrogeology.
C223.3	Classify landforms based on their geomorphology and evaluate the engineering properties of rocks.
C223.4	Examine rocks for their suitability in various construction applications.
C223.5	Identify the geological problems in dams, reservoirs and tunnels, and explain the geological causes of earthquakes, tsunamis and landslides.
C223.6	Analyse Engineering Geological investigations of tunnels in rock & problems in tunnelling.

Year: II-II Sem A.Y: 2021-22

Year: II-II Sem A.Y: 2021-22

A.Y: 2021-22

Year: II-II Sem

Course Name: C224 Mechanics of Materials

C224.1	Calculate the deflections of determinate beams due to transverse loads by various methods.	
C224.2	Evaluate the crippling load of columns for various end conditions using different formulas.	
C224.3	Analyze the Unsymmetrical Bending, Locating the Shear center, Determining Static and Kinematics	
0224.5	Indeterminacy.	
C224 4	Analyze statically indeterminate beams such as propped cantilever, fixed beams and continuous beams and draw	
C224.4	the shear force and bending moment diagrams.	
C224.5	Analyze the beams and frames and to find deflections by energy principle.	
C224.6	Analysis of plane trusses and frames with one degree of redundancy.	

Course Name: C225 Hydraulics Engineering

C225.1	Illustrate the flow through pipes and losses in pipe flow.
C225.2	Solve various engineering problems in open channels.
C225.3	Describe the hydraulic jump and its uses.
C225.4	Discuss the dimensional analysis.
C225.5	Apply their knowledge of fluid mechanics in addressing problems in hydraulic machinery.
C225.6	Analyse specific speed and performance of centrifugal pumps.

C226.1	Analyse and design a single reinforced section by applying the design philosophy of working and Limit state method of Design.
C226.2	Analyse and design a doubly reinforced section and Tee section and apply check for deflection.
C226.3	Analyse and design a section subjected to shear and Torsion, and apply check for development length.
C226.4	Analyse and Design one way and two-way slabs
C226.5	Analyse and design of columns and Footings
C226.6	Analyse and design of doglegged stair case.

Course Name: C227 Hydrology

Year: II-II Sem A.Y: 2021-22

C227.1	Outline the interaction among various processes in the hydrologic cycle.
C227.2	Estimate the Design flood for Water Resources structures
C227.3	Evaluate drawdown and yield in aquifers
C227.4	Develop the Rainfall – Runoff relationship
C227.5	Determine of crop – water requirements
C227.6	Explain necessity of irrigation, frequency of irrigation, types of irrigation methods, advantages and ill-effects of irrigation.

Course Name: C228 Engineering Geology Lab

C228.1	Identify the physical and engineering properties of minerals and rocks
C228.2	Analyze and measure structural aspects of rocks using models
C228.3	Perform field experiment and studies such as VES.
C228.4	Perform studies such as Stereoscopic study of photographs, seismic refraction survey and Slake durability test.
C228.5	Describe the topographical and GSI maps.

Course Name: C229 Mechanics of Materials Lab

C229.1	Demonstrate the Stress-strain behavior of ductile material.
C229.2	Compare Young's modulus of different materials by conducting deflection test on different types of beams.
C229.3	Calculate rigidity modulus by spring test and torsion test.
C229.4	Evaluate compressive strength of brick.
C229.5	Determine Hardness number and Impact strength of given Specimens.

Course Name: C2210 Hydraulic Engineering Lab

C2210.1	Illustrate the flow phenomenon in open channels.
C2210.2	Analyze the force acting due to jets concept and its application in hydraulic machines.
C2210.3	Demonstrate working principles of hydraulic pumps and turbines.
C2210.4	Infer the specific energy diagram by tilting flume.
C2210.5	Determine minor losses in pipes.

Coordinator

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COURSE OUTCOMES (COS)

Course Name: C311 Structural Analysis I

Year: III-I Sem A.Y: 2021-22

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Course Name: C312 Hydraulic Engineering

Year: III-I Sem A.Y: 2021-22

C312.1	Analyze Pipes in series, equivalent pipes and pipes in parallel.
C312.2	Demonstrate Reynolds experiment for laminar and turbulent flow.
C312.3	Solve various Engineering problems in Open Channels.
C312.4	Solve Most economical section of channel problems.
C312.5	Explain the Theory, Elements and characteristics of hydraulic jump in a rectangular Channel.
C312.6	Design Pelton Wheel, Francis Turbine and Kaplan Turbine.

Course Name: C313 Structural Engineering Design and Detailing Year: III-I Sem A.Y: 2021-22

C313.1	Adopt the design philosophies of Limit State method of Design and design a singly reinforced section.
C313.2	Design of Doubly reinforced and T- Beams for flexure,
C313.3	Design a Reinforced Concrete Beam for shear and torsion
C313.4	Design a Reinforced concrete one way and two-way slabs.
C313.5	Design of Short axially loaded columns and isolated rectangular Reinforced concrete footing.
C313.6	Design of doglegged stair-case.

Course Name: C314 Geotechnical Engineering

Year: III-I Sem A.Y: 2021-22

C314.1	Describe the basic properties of soil formation.
C314.2	Define the index properties of soils.
C314.3	Calculate the properties and factors of permeability by conducting simple tests.
C314.4	Analyze the effective stress and seepage through soils.
C314.5	Demonstrate the properties of flow nets and uses.
C314.6	Evaluate the various stress distribution of soils.

Course Name: C315 Hydrology and Water Resources Engineering Year: III-I Sem A.Y: 2021-22

C315.1	Evaluate average rainfall in a catchment area and various losses.
C315.2	Develop relationship between Rainfall-Runoff.
C315.3	Explain the basic aquifer parameters and estimate ground water resources for different hydro-geological boundary conditions.
C315.4	Determine the crop water requirement.
C315.5	Apply various concepts of canal design.
C315.6	Determine the design discharge for a water course, Depth and frequency of irrigation, irrigation efficiencies, water logging.

Course Name: C316 Transportation Engineering

Year: III-I Sem A.Y: 2021-22

C316.1	Carry out surveys involved in planning and highway alignment
C316.2	Design the geometric elements of highways and expressways
C316.3	Carry out traffic studies and implement traffic regulation and control measures.
C316.4	Characterize pavement materials, design flexible & rigid pavements as per IRC
C316.5	Describe the elements of Railway & Airport Engineering.
C316.6	Assess the issues related to road traffic and provide engineering solutions supported with an understanding of road user psychological and behavioral patterns.

Course Name: C317 Fluid Mechanics Lab

C317.1	Measure the flow of water in closed conduits and flumes.
C317.2	Compute various losses in pipes and pipe fittings.
C317.3	Determine the coefficient of discharge for Rectangular Notch, Circular orifice, V- Notch.
C317.4	Classify the types of flows by Reynold's Experiment.
C317.5	Determine the coefficient of discharge of a Venturi meter, and Darcy's friction factor.

Course Name: C318 Geotechnical Engineering Lab

C318.1	Perform the laboratory experiments on soil specimen, analyze the results, interpret and validate the same.
C318.2	Apply the Greater insight in to the soil behavior and hence enhanced the understanding of soil mechanics.
C318.3	Create a model field application in the laboratory to take up research.
C318.4	Analyze the results of Direct Shear Test.
C318.5	Ability to analyze shear parameters in calculation of Bearing capacity of soils.

C	Course Name: C319 Transportation Engineering Lab		Year: III-I Sem	A.Y: 2021-22
	C319.1	Characterize the pavement materials.		
	C319.2	Perform quality control tests on pavement material and pavements.		
	C319.3	Conduct traffic studies for estimation of traffic flow characteristics		
	C319.4	Demonstrate the tests on Bitumen, Road Aggregate		

C319.5 Describe Traffic Volume at mid-section and at intersection.

Coordinator

HoD

Year: III-I Sem A.Y: 2021-22



COURSE OUTCOMES (COS)

С	ourse Na	me: C321 Environmental Engineering	Year: III-II Sem	A.Y: 2021-22
	C321.1	Analyze the basic quality and quantity parameters of water by some pres	cribed methods.	
ſ	C321.2	Analyze the different types of treatment methods and water distribution.		
	C321.3	Describe the characters of sewage, plumbing and sanitary.		
Ī	C321.4	Explain the different stages of treatment methods.		
Ī	C321.5	Explain the concepts of air pollution and its effects.		
	C321.6	Explain the various gaseous pollutants and its control.		

Course Name: C322 Estimation and Specifications

C322.1	Prepare the document for detailed specification of Civil works.
C322.2	Identify and calculate the units for various quantities of item of work.
C322.3	Prepare bar bending schedule for reinforcement works.
C322.4	Calculate the earth work quantity for roads and canals.
C322.5	Prepare tenders and contract documents as per prevalent standards.
C322.6	Evaluate and compare the valuation of building for different specifications.

Course Name: C323 Structural Analysis-II

C323.1	Develop flexibility matrix to calculate the Redundant forces and sketch the BMD and SFD.
C323.2	Develop Stiffness matrix to calculate the displacement of joints and sketch the BMD and SFD.
C323.3	Analyze the continuous beam, frames and trusses by stiffness matrix method.
C323.4	Develop Direct Stiffness matrix for different elements and obtain member displacements and member end forces.
C323.5	Analyze the frames using approximate methods of Analysis.
C323.6	Explain the Basic concept of Finite Element Method.

Course Name: C324 Traffic Engineering Management

Year: III-II Sem A.Y: 2021-22

C324.1	Design hourly traffic volume including mixed traffic conditions.
C324.2	Analyze the concept of highway capacity.
C324.3	Design Intersections and prepare traffic management plans.
C324.4	Design flexible and rigid pavements.
C324.5	Perform Accident analysis.
C324.6	Apply Queuing theory for traffic flow and understand traffic management systems.

Course Name: C325 Steel Structures

Year: III-II Sem A.Y: 2021-22

C325.1	Use the knowledge of different connections used in steel structures.
C325.2	Evaluate how to determine the design strength of tensile members
C325.3	Evaluate how to determine the design strength of compression members
C325.4	Design laterally supported, laterally unsupported beam, plate girder and compound beams.
C325.5	Design the trusses, purlins and provide detailed drawing of roof trusses and purlins.
C325.6	Analyse and design of steel I section members.

Year: III-II Sem A.Y: 2021-22

Year: III-II Sem A.Y: 2021-22

Coordinator

Course Name: C326 Soft Skills and Inter Personal Skills

C326.1	Develop effective communication skills (spoken and written).
C326.2	Develop effective presentation skills.
C326.3	Conduct effective business correspondence and prepare business reports which produce results.
C326.4	Become self-confident individuals by mastering inter-personal skills, team management skills, and leadership skills.
C326.5	Develop all-round personalities with a mature outlook to function effectively in different circumstances.
C326.6	Take part effectively in various selection procedures adopted by the recruiters.

Course Name: C327 Non-Conventional Energy Sources

C327.1	Apply knowledge non – conventional energy on various types of renewable energy sources.
C327.2	Explain the concepts solar energy collection, storage & application.
C327.3	Discuss on principals of wind energy, Biomass.
C327.4	Explain the concept of geothermal energy.
C327.5	Describe the theory of OTEC.
C327.6	Discuss on direct energy conversion.

Course Name: C328 Environmental Engineering Lab

C328.1	Evaluate common environmental experiments relating to water and wastewater quality
C328.2	Identify use the water and wastewater sampling procedures and sample preservations
C328.3	Explain the impact of water and wastewater treatment on people and the environment
C328.4	Apply the laboratorial results to problem identification, quantification, and basic environmental design
C328.5	Engage in research and life-long learning to adapt changing environment.

Course Name: C329 Computer Aided Civil Engineering Drafting, analysis and Design

	Year: III-II Sem	A.Y: 2021-22
C329.1	Write C program for civil engineering problems.	
C329.2	Analyze certain structural elements using Excel.	
C329.3	Analyze various structural elements using STAAD.	
C329.4	Design the R.C. Retaining Walls, masonry dams, Two-way slab and flat slab using excel.	
C329.5	Analyze 2D and 3D Rigid Frames using STAAD-III.	

Course Name: C3210 Hydraulics Lab

C3210.1Analyze the flow phenomenon in open channels.C3210.2Analyze the force acting due to jets concept and its application in hydraulic machines.C3210.3Explain the working principles of hydraulic pumps and turbines.C3210.4Verify Froude's Model law in an open channel.C3210.5Describe the universal characteristic curves of a Pelton Wheel turbine.

Year: III-II Sem A.Y: 2021-22

A.Y: 2021-22

A.Y: 2021-22

A.Y: 2021-22

Year: III-II Sem

Year: III-II Sem

Year: III-II Sem



COURSE OUTCOMES (COS)

Course Name: C411 Estimation Costing and Project Management Year: IV-I Sem A.Y: 2021-22

C411.1	Analyze the technical specifications for various works to be performed for a project and how they impact the cost of
	a structure.
C411.2	Quantify the worth of a structure by evaluating quantities of constituents, derive their cost rates and build up the
	overall cost of the structure.
C411.3	Analyze how competitive bidding works and how to submit a competitive bid proposal.
C411.4	Describe how to optimize construction projects based on costs.
C411.5	Describe how construction projects are administered with respect to contract structures and issues.
C411.6	Explain communication processes of quantity surveying from lower level to higher level engineer.

Course Name: C412 Remote Sensing and GIS

Year: IV-I Sem A.Y: 2021-22

C412.1	Analyze the concepts of Photogrammetry, Principles & types of aerial photograph, stereoscopy.
C412.2	Apply the concept and principles of Remote sensing, electromagnetic spectrum, energy interaction with atmosphere & surface features, sensors and satellites.
C412.3	Analyze the components of GIS, spatial data & attribute data, data analysis, coordinate system.
C412.4	Analyze Topology & its importance, shape file.
C412.5	Describe Raster data model, types of raster data, raster data structure, data conversion and data input.
C412.6	Analyze Vector data model, types of vector data, vector data structure, data conversion and data input.

Course Name: C413 Ground Water Hydrology.

Year: IV-I Sem A.Y: 2021-22

C413.1	Identify different fundamental equations and concepts as applied in the Groundwater studies.
C413.2	Discuss and derive differential equation governing groundwater flow in three dimensions.
C413.3	Solve groundwater mathematical equations and analyze pumping tests in steady and non-steady flow cases.
C413.4	Explain the saline water intrusion problem in costal aquifers.
C413.5	Determine surface methods of exploration by using Electrical resistivity method and Seismic refraction methods.
C413.6	Describe Occurrence of saline water intrusion by using Ghyben-Herzberg relation.

Course Name: C414 Utilization of Electrical Engineering

Year: IV-I Sem A.Y: 2021-22

C414.1	Explain the various methods of electrical heating.
C414.2	Apply the knowledge of connection diagrams for motor control.
C414.3	Describe the concepts of illumination and various discharge lamps
C414.4	Describe the concepts of illumination and various discharge lamps
C414.5	Apply the knowledge of train lighting, Single battery system and Double battery parallel block system.
C414.6	Explain the knowledge of Double battery parallel block system.

Course Name: C415 Professional Practice Law And Ethics

C415.1	Explain the basic purpose of profession, professional ethics and various moral and social issues.
C415.2	Quote professional rights and responsibilities of an Engineer, safety and risk benefit analysis of an Engineer.
C415.3	Describe the various roles of Engineer In applying ethical principles at various professional levels.
C415.4	Define Professional Ethical values and contemporary issues.
C415.5	Excel in competitive and challenging environment to contribute to industrial growth.
C415.6	Describe the importance of Values and Ethics in their Personal lives and professional careers.

Course Name: C416 Industrial oriented mini–Project Year: IV-I Sem A.Y: 2021-22

Year: IV-I Sem A.Y: 2021-22

C416.1	Use knowledge within the chosen area of technology for project development.
C416.2	Identify, discuss and justify the technical aspects of the chosen project with a comprehensive and systematic approach.
C416.3	Reproduce, improve and refine technical aspects for engineering projects.
C416.4	Work as an individual or in a team in development of technical projects.
C416.5	Communicate and report effectively project related activities and findings.

Course Name: C417 Seminar

Year: IV-I Sem A.Y: 2021-22

C417.1	Engaged in the integral activities of reading, discussion and composition around a particular topic.
C417.2	Develop presentation skills.
C417.3	Apply confidence to face the interviews.
C417.4	Investigate the advancements in the particular topic.
C417.5	Distinguish opinions from researched claims.

Course Name: C418 Project Phase- I

Year: IV-I Sem A.Y: 2021-22

C418.1	Apply the basic concepts of civil engineering and learn the implementation.
C418.2	Analysis and design of particular problems in project.
C418.3	Analyse and design the buildings using staad pro and E-Tabs software.
C418.4	Perform research work in material testing and in design of concrete mix.
C418.5	Discuss complete process of a project – designing, programming, module development.

Coordinator

HoD



COURSE OUTCOMES (COS)

Course Name: C421 Solid Waste Management

Year: IV-II Sem A.Y: 2021-22

C422.1	Identify the physical and chemical composition of solid wastes.
C422.2	Analyze the functional elements for solid waste management.
C422.3	Analyze the techniques and methods used in transformation, conservation, and recovery of materials from solid wastes.
C422.4	Identify and design waste disposal systems.
C422.5	Explain the Evolution of landfills, Construction of landfills and its Design considerations.
C422.6	Describe Hazardous waste Management and its Effects on environment.

Course Name: C422 Airport, Railways and Waterways

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Year: IV-II Sem A.Y: 2021-22

C422.1	Design the runways and taxiways.
C422.2	Design the infrastructure for large and small airports.
C422.3	Design various crossings and signals in Railway Projects.
C422.4	Plan the harbors and ports projects including the infrastructure required for new ports and harbors.
C422.5	Analyze Level Crossings, Signaling and Interlocking, Track Circuiting and Track Maintenance.
C422.6	Identify Gradients and Grade Compensation, Super-Elevation, Widening of Gauges in Curves, Transition Curves, Horizontal/Vertical Curves.

Course Name: C423 Basics of Power Plant Engineering

Year: IV-II Sem A.Y: 2021-22

C423.1	Explain economics of power generation Concepts.
C423.2	Evaluate the power tariff methods.
C423.3	Describe the operation of conventional generating stations of electrical power
C423.4	Explain the operation of nuclear and renewable sources-based generation of electrical power
C423.5	Discuss underground cables and overhead line insulators
C423.6	Determine the electrical circuit parameters of transmission lines

Course Name: C424 Major Project Phase-II

Year: IV-II Sem A.Y: 2021-22 Classify the projects and describe the phases involved in project formulation with feasibility studies and SWOT C424.1 (strengths, weaknesses, opportunities, and threats) analysis. Devise a projects development cycle and get acquainted with the different appraisals in the process of deciding the C424.2 worthiness of project. Exhibit and apply the managerial skills and knowledge of financial aspects required during the implementation of C424.3 project.

Identify sources for project finance and select the method of project implementation which is best suited for a C424.4 particular project.

Coordinator

HoD