BRANCH:	CE /B.Tech II			SESSION:	2023-24
COURSE:	B.TECH- CE	YEAR:	II	SEMESTER:	III
SUBJECT:	Applied Mathematics III			SUBJECT CODE:	AIIT 006

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BCET 306.1	Remember the concept of Laplace transform and apply in solving real life problems.
BCET 306.2	Apply the concept of Fourier transform to evaluate engineering problems.
BCET 306.3	Understand to evaluate roots of algebraic and transcendental equations.
BCET 306.4	Solve the problem related to interpolation, differentiation, integration and the solution of differential equations.
BCET 306.5	Understand the concept of correlation, regression, moments, skewness and kurtosis and curve fitting.

BRANCH:	CE /B.Tech II			SESSION:	2023-24
COURSE:	B.TECH- CE	YEAR:	II	SEMESTER:	III
SUBJECT:	Universal Human Value			SUBJECT CODE:	AIIT 008

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BCET 308.1	Students are expected to become more aware of themselves, and their surroundings (family, society, nature)
BCET 308.2	They would become more responsible in life, and in handling problems with sustainable solutions, while keeping human relationships and human nature in mind.
BCET 308.3	They would have better critical ability.
BCET 308.4	They would also become sensitive to their commitment towards what they have understood (human values, human relationship and human society).
BCET 308.5	It is hoped that they would be able to apply what they have learnt to their own self in different day-to- day settings in real life, at least a beginning would be made in this direction.

BRANCH:	CE /B.Tech II			SESSION:	2023-24
COURSE:	B.TECH- CE	YEAR:	II	SEMESTER:	III
SUBJECT:	Construction Materials			SUBJECT CODE:	CET 001

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BCET 301.1	Compare the properties of most common and advanced building materials.
BCET 301.2	understand the typical and potential applications of these materials
BCET 301.3	understand the relationship between material properties and structural form
BCET 301.4	understand the importance of experimental verification of material properties
BCET 301.5	understand the properties of low cost and advanced material used in construction.

BRANCH:	CE /B.Tech II			SESSION:	2023-24
COURSE:	B.TECH- CE	YEAR:	II	SEMESTER:	III
SUBJECT:	Construction Materials lab			SUBJECT CODE:	CEP 001

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BCEP 301.1	Students will be able to understand characteristics of various types of building stone.
BCEP 301.2	Students will be able to understand various types of properties of Bricks.
BCEP 301.3	Students will be able to understand various types of properties of cement.
BCEP 301.4	Students will be able to understand characteristics of various types of Timber.
BCEP 301.5	Students will be able to understand characteristics of various types of Admixtures.

BRANCH:	CE /B.Tech II			SESSION:	2023-24
COURSE:	B.TECH- CE	YEAR:	II	SEMESTER:	III
SUBJECT:	Surveying			SUBJECT CODE:	CET 002

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BCET 302.1	Learn chain survey, compass survey, Theodolite survey , levelling, error calculation & adjustment and
BCET 302.2	Learn how curves are plotted and constructed for highways and railway projects
BCET 302.3	Use latest instruments like Digital Theodolite, Auto Level, EDM, Total station
BCET 302.4	Understand the various methods of plane table surveying and its importance in survey.
BCET 302.5	Understand about various types of errors in surveying and how to rectify them.

BRANCH:	CE /B.Tech II			SESSION:	2023-24
COURSE:	B.TECH- CE	YEAR:	II	SEMESTER:	III
SUBJECT:	Surveying lab			SUBJECT CODE:	CEP 002

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BCEP 302.1	The student will be able to develop methods through the knowledge of modern science, technology and the equipment's and use them in the field.
BCEP 302.2	The student will be able to determine the distance and angle between different objects.
BCEP 302.3	The student will be able to determine the relative position of any objects or points of the earth.
BCEP 302.4	The student will be able to prepare a map or plan to represent an area on a horizontal plan.
BCEP 302.5	The student will be able to set out curves.

BRANCH:	CE /B.Tech II			SESSION:	2023-24
COURSE:	B.TECH- CE	YEAR:	II	SEMESTER:	III
SUBJECT:	Strength Of Materials			SUBJECT CODE:	CET 003

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BCET 303.1	Describe the concepts and principles, understand the theory of elasticity including strain/displacement and Hooke's law relationships; and perform calculations, relative to the strength and stability of structures and mechanical components;
BCET 303.2	Define the characteristics and calculate the magnitude of combined stresses in individual members and complete structures; analyze solid mechanics problems using classical methods and energy methods;
BCET 303.3	Analyze various situations involving structural members subjected to combined stresses by application of Mohr's circle of stress; locate the shear centre of thin wall beams;
BCET 303.4	Calculate the deflection at any point on a beam subjected to a combination of loads; solve for stresses and deflections of beams under unsymmetrical loading; apply various failure criteria for general stress states at points;
BCET 303.5	Analyze the stresses developed in thin cylinders and concept of torsional equation in shafts, solve torsion problems in bars and thin walled members;

BRANCH:	CE /B.Tech II			SESSION:	2023-24
COURSE:	B.TECH- CE	YEAR:	II	SEMESTER:	III
SUBJECT:	Strength Of Materials lab			SUBJECT CODE:	CEP 003

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BCEP 303.1	The student will be able to understand the basic concepts of the stresses and strains for different materials and strength of structural elements.
BCEP 303.2	The student will be able to evaluate the values of yield stress, breaking stress and ultimate stress of the given specimen under tension test.
BCEP 303.3	The student will be able to conduct the torsion test to determine the modulus of rigidity of given
BCEP 303.4	The student will be able to conduct Compression test, impact test, shear test, bending test etc.
BCEP 303.5	The student will be able to conduct elasticity and elongation test on various materials etc.

BRANCH:	CE /B.Tech II			SESSION:	2023-24
COURSE:	B.TECH- CE	YEAR:	II	SEMESTER:	III
SUBJECT:	Python			SUBJECT CODE:	CST 005

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BCET 305.1	Develop essential programming skills in computer programming concepts like data types.
BCET 305.2	Examine Python syntax and semantics and be fluent in the use of Python flow control and functions.
BCET 305.3	Illustrate the process of structuring the data using lists, tuples, and dictionaries.
BCET 305.4	Demonstrate using built-in functions and operations to navigate the file system.
BCET 305.5	Interpret the concepts of modules and user-defined functions in Python.

BRANCH:	CE /B.Tech II			SESSION:	2023-24
COURSE:	B.TECH- CE	YEAR:	II	SEMESTER:	IV
SUBJECT:	Data Structures			SUBJECT CODE:	CST 006

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BCET 406.1	Compare functions using asymptotic analysis and describe the relative merits of worst-case, average-case, and bestcase analysis.
BCET 406.2	Become familiar with a variety of sorting algorithms and their performance characteristics (e.g., running time, stability, space usage) and be able to choose the best one under a variety of requirements.
BCET 406.3	Understand and identify the performance characteristics of fundamental algorithms and data structures and be able to trace their operations for problems such as sorting, searching, selection, operations on numbers, and graphs.
BCET 406.4	Solve real-world problems using arrays, stacks, queues, and linked lists.
BCET 406.5	Become familiar with the major graph algorithms and their analyses. Employ graphs to model engineering problems when appropriate.

BRANCH:	CE /B.Tech II			SESSION:	2023-24
COURSE:	B.TECH- CE	YEAR:	II	SEMESTER:	IV
SUBJECT:	Technical Communication			SUBJECT CODE:	AIIT 007

COURSE OUTCOMES (CO)

CO #	CO STATEMENT

BCET 407.1	Students will be enabled to understand the nature and objective of Technical Communication relevant for the work place as Engineers.
BCET 407.2	Students will utilize the technical writing for the purposes of Technical Communication and its exposure in various dimensions.
BCET 407.3	Students would imbibe inputs by presentation skills to enhance confidence in face of diverse audience.
BCET 407.4	Technical communication skills will create a vast know-how of the application of the learning to promote their technical competence.
BCET 407.5	It would enable them to evaluate their efficacy as fluent & efficient communicators by learning the voice dynamics.

BRANCH:	**CE /B.Tech II**			**SESSION:**	**2023-24**
COURSE:	**B.TECH- CE**	**YEAR:**	**II**	**SEMESTER:**	**IV**
SUBJECT:	**Basic Structure Analysis**			**SUBJECT CODE:**	**CET 004**

COURSE OUTCOMES (CO)

CO #	**CO STATEMENT**
BCET 404.1	Analyse trusses and study displacement response of statically determinate structural systems using energy methods:
BCET 404.2	Apply unit load method and strain energy method for determination of deflection of statically determinate beams, frames & pin jointed trusses
BCET 404.3	Analyse statically indeterminate structures using strain energy method and method of consistent deformation
BCET 404.4	Know about moving loads and influence lines
BCET 404.5	Know about Statically determinate and indeterminate suspension bridges and arches

BRANCH:	**CE /B.Tech II**			**SESSION:**	**2023-24**
COURSE:	**B.TECH- CE**	**YEAR:**	**II**	**SEMESTER:**	**IV**
SUBJECT:	**Basic Structure Analysis lab**			**SUBJECT CODE:**	**CEP 005**

COURSE OUTCOMES (CO)

CO #	**CO STATEMENT**
BCEP 405.1	The student will be able to distinguish between statically determinate and indeterminate structures.
BCEP 405.2	The student will be able to apply equations of equilibrium to structures and compute the reactions.
BCEP 405.3	The student will be able to draw the shear force and bending moment diagrams.
BCEP 405.4	The student will be able to calculate the internal forces in cable and arch type structures.
BCEP 405.5	The student will be able to calculate the deflections of truss structures, beams, and portal frames

	CE /B.Tech II			**SESSION:**	**2023-24**
COURSE:	**B.TECH- CE**	**YEAR:**	**II**	**SEMESTER:**	**IV**
SUBJECT:	**Fluid Mechanics**			**SUBJECT CODE:**	**CET 006**

COURSE OUTCOMES (CO)

CO #	**CO STATEMENT**
BCET 406.1	Understand the broad principles of fluid statics, kinematics and dynamics
BCET 406.2	Understand definitions of the basic terms used in fluid mechanics
BCET 406.3	Understand classifications of fluid flow
BCET 406.4	Be able to apply the continuity, momentum and energy principles
BCET 406.5	Be able to apply dimensional analysis

	CE /B.Tech II			**SESSION:**	**2023-24**
COURSE:	**B.TECH- CE**	**YEAR:**	**II**	**SEMESTER:**	**IV**
SUBJECT:	**Concrete Technology lab**			**SUBJECT CODE:**	**CEP 006**

COURSE OUTCOMES (CO)

CO #	**CO STATEMENT**
BCEP 406.1	Perform different tests conducted on aggregate and concrete at site.
BCEP 406.2	Perform non-destructive test on concrete.
BCEP 406.3	Design the concrete mix as per the site conditions and specification of materials available there.
BCEP 406.4	Understand various properties of admixtures on concrete.
BCEP 406.5	Understand the effect of water cement ratio on concrete.

	CE /B.Tech III			**SESSION:**	**2023-24**
COURSE:	**B.TECH- CE**	**YEAR:**	**III**	**SEMESTER:**	**V**
SUBJECT:	**Design Of RC Elements**			**SUBJECT CODE:**	**BCET 501**

COURSE OUTCOMES (CO)

CO #	**CO STATEMENT**
BCET 501.1	Students will understand the general mechanical behaviour of reinforced concrete.
BCET 501.2	Students will be able to analyze and design reinforced concrete flexural members.
BCET 501.3	Student will be able to analyze and design reinforced concrete compression members.
BCET 501.4	Students will be able to analyze and design for vertical and horizontal shear in reinforced concrete.
BCET 501.5	Students will be able to analyze transfer and development length of concrete reinforcement

	CE /B.Tech III			**SESSION:**	**2023-24**
COURSE:	**B.TECH- CE**	**YEAR:**	**III**	**SEMESTER:**	**V**
SUBJECT:	**Geotechnical Engineering**			**SUBJECT CODE:**	**BCET 502**

COURSE OUTCOMES (CO)

CO #	**CO STATEMENT**
BCET 502.1	Determine soil physical characteristics (including unit weight / density - water content relationship)
BCET 502.2	Determine the coefficient of permeability and equivalent hydraulic conductivity in stratified soil
BCET 502.3	Describe the purposes and different phases of a soil investigation, soil exploration program, soil exploration methods and soil identification in the field.
BCET 502.4	Discuss the concept of effective stress and determine stress distribution within a soil mass.
BCET 502.5	Explain the 'shear strength' of soil, describe the direct shear test method and interpret direct shear test results

	CE /B.Tech III			**SESSION:**	**2023-24**
COURSE:	**B.TECH- CE**	**YEAR:**	**III**	**SEMESTER:**	**V**
SUBJECT:	**Fluid Mechanics**			**SUBJECT CODE:**	**BCET 503**

COURSE OUTCOMES (CO)

CO #	**CO STATEMENT**
BCET 503.1	Understand the broad principles of fluid statics, kinematics and dynamics
BCET 503.2	Understand definitions of the basic terms used in fluid mechanics
BCET 503.3	Understand classifications of fluid flow
BCET 503.4	Be able to apply the continuity, momentum and energy principles
BCET 503.5	Be able to apply dimensional analysis

	CE /B.Tech III			**SESSION:**	**2023-24**
COURSE:	**B.TECH- CE**	**YEAR:**	**III**	**SEMESTER:**	**V**
SUBJECT:	**Advance Strcture Analysis**			**SUBJECT CODE:**	**BCET 504 A**

COURSE OUTCOMES (CO)

CO #	**CO STATEMENT**
BCET 504 A.1	Analyze structures using force method
BCET 504 A.2	Analyze structures using displacement method
BCET 504 A.3	Learn Clapeyrons theorem and its applications
BCET 504 A.4	Analyze structures using matrix methods
BCET 504 A.5	Analyze structures using plastic analysis

	CE /B.Tech III			**SESSION:**	**2023-24**
COURSE:	**B.TECH- CE**	**YEAR:**	**III**	**SEMESTER:**	**V**
SUBJECT:	**Transportation Engineering -II**			**SUBJECT CODE:**	**BOEC 505 B**

COURSE OUTCOMES (CO)

CO #	**CO STATEMENT**
BOEC 505 B.1	Understand concepts of Pavement performance
BOEC 505 B.2	2.Understand Pavement construction procedures; and Design flexible and Rigid Pavement
BOEC 505 B.3	3. Fully conversant with topics like design and performance of pavement surface, sub-grade theory, load transfer systems and joints behaviour consideration
BOEC 505 B.4	4.To Classify Highway Construction and their Maintenance
BOEC 505 B.5	5.Understand various traffic characteristics and analysis and use the data for road design

	CE /B.Tech III			**SESSION:**	**2023-24**
COURSE:	**B.TECH- CE**	**YEAR:**	**III**	**SEMESTER:**	**VI**
SUBJECT:	**Design Of RC Structures**			**SUBJECT CODE:**	**BCET 601**

COURSE OUTCOMES (CO)

CO #	**CO STATEMENT**
BCET 601.1	Be able to perform analysis and design of reinforced concrete members and connections.
BCET 601.2	Be able to identify and interpret the appropriate relevant industry design codes
BCET 601.3	To become familiar with professional and contemporary issues in the design and fabrication of reinforced concrete members.
BCET 601.4	Understand the properties and role of various constituent materials used in concrete making
BCET 601.5	Understand the theory and principles of design and solution of Reinforced Concrete structures.

	CE /B.Tech III			**SESSION:**	**2023-24**
COURSE:	**B.TECH- CE**	**YEAR:**	**III**	**SEMESTER:**	**VI**

SUBJECT:	Environmental Engineering- I			SUBJECT CODE:	BCET 602
COURSE OUTCOMES (CO)					
CO #	**CO STATEMENT**				
BCET 602.1	To provide a sound understanding of different sources of water.				
BCET 602.2	To understand the different methods used to calculate water demands.				
BCET 602.3	To learn different plumbing methods to transport water to different sources.				
BCET 602.4	To study about wastewater and its physical, chemical & biological aspects.				
BCET 602.5	To study different types of sewers and its layout.				
	CE /B.Tech III			SESSION:	2023-24
COURSE:	B.TECH- CE	YEAR:	III	SEMESTER:	VI
SUBJECT:	Open Channel Flow			SUBJECT CODE:	BCET 603
COURSE OUTCOMES (CO)					
CO #	**CO STATEMENT**				
BCET 603.1	Ability to solve open channel flow problems through the selection and use of appropriate equations.				
BCET 603.2	An ability to apply your knowledge of mathematics, science, and engineering in fow calculations.				
BCET 603.3	An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.				
BCET 603.4	Ability to explain the physical mechanisms of hydraulic jumps, surges, and critical, uniform, and gradually-varying flows.				
BCET 603.5	Ability to explain and apply mathematical relationships for hydraulic jumps, surges, and critical, uniform, and gradually-varying flows				
	CE /B.Tech III			SESSION:	2023-24
COURSE:	B.TECH- CE	YEAR:	III	SEMESTER:	VI
SUBJECT:	Geotechnical Engineering-II			SUBJECT CODE:	BCET 604 A
COURSE OUTCOMES (CO)					
CO #	**CO STATEMENT**				
BCET 604 A.1	Determine bearing capacity of soil and retaining wall.				
BCET 604 A.2	Determine the settlement of different type of foundation				
BCET 604 A.3	Understand the purposes of soil investigation, soil exploration program, soil exploration methods and soil identification in the field.				
BCET 604 A.4	Obtain the effective stress and determine stress distribution within a soil mass				
BCET 604 A.5	Calculate the 'shear strength' of soil, describe the direct shear test method and interpret direct shear test results.				
	CE /B.Tech III			SESSION:	2023-24
COURSE:	B.TECH- CE	YEAR:	III	SEMESTER:	VI
SUBJECT:	Principles Of Management			SUBJECT CODE:	BCET 605 A
COURSE OUTCOMES (CO)					
CO #	**CO STATEMENT**				
BCET 605 A.1	Upon completion of the course, students will be able to have clear understanding of managerial functions like planning, and have same basic knowledge on international aspect of management				
BCET 605 A.2	To understand the planning process in the organization				
BCET 605 A.3	To understand the concept of organization				
BCET 605 A.4	Demonstrate the ability to directing, leadership and communicate effectively				
BCET 605 A.5	To analysis isolate issues and formulate best control methods				
	CE /B.Tech IV			SESSION:	2023-24
COURSE:	B.TECH- CE	YEAR:	IV	SEMESTER:	VII
SUBJECT:	Environmental Engineering II			SUBJECT CODE:	BCET 701
COURSE OUTCOMES (CO)					
CO #	**CO STATEMENT**				
BCET 701.1	To introduce the students to the area of water and wastewater treatment.				
BCET 701.2	The course will cover water chemistry; characteristics of water & wastewater; primary, secondary & tertiary treatment processes.				
BCET 701.3	To learn about solid waste management and its disposal.				
BCET 701.4	To have insight knowledge of Industrial waste that causes pollution on large basis.				
BCET 701.5	To learn about purification of wastewater and its usage for various irrigation purposes.				
	CE /B.Tech IV			SESSION:	2023-24
COURSE:	B.TECH- CE	YEAR:	IV	SEMESTER:	VII
SUBJECT:	Design Of Steel Structures			SUBJECT CODE:	BCET 702
COURSE OUTCOMES (CO)					
CO #	**CO STATEMENT**				
BCET 702.1	Identify and compute the design loads on a typical steel building.				
BCET 702.2	Able to identify and interpret the appropriate relevant industry design codes.				
BCET 702.3	Identify the different failure modes of steel tension and compression members and beams, and compute their design strengths.				
BCET 702.4	Students will be able to check and specify the serviceability requirements of the designed steel structures.				
BCET 702.5	Identify the different failure modes of bolted and welded connections, and determine their design strengths.				
	CE /B.Tech IV			SESSION:	2023-24
COURSE:	B.TECH- CE	YEAR:	IV	SEMESTER:	VII
SUBJECT:	Ground water Engineeirng			SUBJECT CODE:	BCET 703 C
COURSE OUTCOMES (CO)					
CO #	**CO STATEMENT**				
BCET 703 C.1	Understand the porous medium properties that control groundwater flow and transport, including porosity, hydraulic conductivity, and compressibility.				
BCET 703 C.2	Derive effective hydraulic conductivity for various cases of heterogeneous subsurface formations.				
BCET 703 C.3	Apply groundwater flow equations to confined and unconfined aquifers.				
BCET 703 C.4	Analyze pump test data to determine aquifer properties.				
BCET 703 C.5	Estimate travel times for groundwater contaminants in a saturated aquifer.				
	CE /B.Tech IV			SESSION:	2023-24
COURSE:	B.TECH- CE	YEAR:	IV	SEMESTER:	VII
SUBJECT:	Hydrology			SUBJECT CODE:	BCET 704 A
COURSE OUTCOMES (CO)					
CO #	**CO STATEMENT**				
BCET 704 A.1	Provide a background in the theory of hydrological processes and their measurement.				
BCET 704 A.2	Apply science and engineering fundamentals to solve current problems and to anticipate, mitigate and prevent future problems in the area of water resources management.				
BCET 704 A.3	An ability to manipulate hydrological data and undertake widely-used data analysis.				
BCET 704 A.4	A systematic understanding of the nature of hydrological stores and fluxes and a critical awareness of the methods used to measure, analyze and forecast their variability; and the appropriate contexts for their application.				
BCET 704 A.5	Can define the key components of a functioning groundwater, can determine the main aquifer properties – permeability, transmissivity and storage Identify geological formations capable of storing and transporting groundwater.				
	CE /B.Tech IV			SESSION:	2023-24
COURSE:	B.TECH- CE	YEAR:	IV	SEMESTER:	VIII
SUBJECT:	Construction Planning & Management			SUBJECT CODE:	BCET 801
COURSE OUTCOMES (CO)					
CO #	**CO STATEMENT**				
BCET 801.1	An understanding of modern construction practices.				
BCET 801.2	A good idea of basic construction dynamics- various stakeholders, project objectives, Processes, resources required and project economics.				
BCET 801.3	A basic ability to plan, control and monitor construction projects with respect to time and cost.				
BCET 801.4	An idea how construction projects are administered with respect to contract structures and issues.				
BCET 801.5	An idea about the latest earth moving equipments & machinery used in construction projects.				
	CE /B.Tech IV			SESSION:	2023-24
COURSE:	B.TECH- CE	YEAR:	IV	SEMESTER:	VIII
SUBJECT:	Seismology & Earthquake Resistance Design of Buildings			SUBJECT CODE:	BCET 802
COURSE OUTCOMES (CO)					
CO #	**CO STATEMENT**				
BCET 802.1	The students will gain an experience in the implementation of Earthquake Engineering on engineering concepts which are applied in field Structural Engineering.				
BCET 802.2	The students will get a diverse knowledge of earthquake engineering practices applied to real life problems				
BCET 802.3	The students will learn to understand the theoretical and practical aspects of earthquake engineering along with the planning and design aspects				
BCET 802.4	The students will learn to understand the seismic codal provision prescribed by IS:1893				
BCET 802.5	The students will learn to understand the concept of Risk and Hazardous condition due to earthquake.				
	CE /B.Tech IV			SESSION:	2023-24
COURSE:	B.TECH- CE	YEAR:	IV	SEMESTER:	VIII
SUBJECT:	Irrigation Engineering			SUBJECT CODE:	BCET 803 A
COURSE OUTCOMES (CO)					
CO #	**CO STATEMENT**				
BCET 803 A.1	Various components of hydrologic cycle that affect the movement of water in the earth.				
BCET 803 A.2	Various Stream flow measurements technique.				
BCET 803 A.3	The concepts of movement of ground water beneath the earth.				
BCET 803 A.4	The basic requirements of irrigation and various irrigation techniques, requirements of the crops.				

BCET 803 A.5	Distribution systems for canal irrigation and the basics of design of unlined and lined irrigation canals design.				
	CE /B.Tech IV			**SESSION:**	**2023-24**
COURSE:	**B.TECH- CE**	**YEAR:**	**IV**	**SEMESTER:**	**VIII**
SUBJECT:	**Hydropower Engineering**			**SUBJECT CODE:**	**BOEC 804 A**

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BOEC 804 A.1	Students will get the understanding of different types of hydropower schemes and their purposes.
BOEC 804 A.2	Students will get to learn how to plan and design the different types of hydraulic structures.
BOEC 804 A.3	Student will learn concepts and aspects of Location, components Structures involved in a Hydropower plant.
BOEC 804 A.4	Student will have proper understanding of various appurtenances used in any Hydro project.
BOEC 804 A.5	Students will learn about how electricity is transferred & distributed from hydro power plant.