



Course Outcomes	Department	ICVE Engineering
Course Title	Water Resource & Wastewater Engineering	
Course Code	ICVE401	
Program	B.Tech (CE)	Semester - VI
Credits	10	Total 4
Course Outcome		
1	Knowledge of water supply and the determination of the life cycle cost of water supply.	
2	Different types of dams and their construction by different methods. General water recharge necessity and different methods.	
3	For water resource survey water resource survey water use response.	
4	How water resource survey requirements are met. Water use relationship.	
5	Study of types of canals, alignment, and its design.	
Course Outcomes	Department	ICVE Engineering
Course Title	Design of Structures - I	
Course Code	ICVE402	
Program	B.Tech (CE)	Semester - VI
Credits	10	Total 4
Course Outcome		
1	Design of Vertical Work and Eccentric Footings.	
2	Analysis of different Indeterminate Structures.	
3	Design analysis of Indeterminate structures by slope deflection method and Column analysis method.	
4	Design of RC, R.C.C. and Prestressed concrete.	
5	Study about R.R.R. Load and Influence Lines.	
Course Outcomes	Department	ICVE Engineering
Course Title	Design of R.C.C. Structures - II	
Course Code	ICVE403	
Program	B.Tech (CE)	Semester - VI
Credits	10	Total 4
Course Outcome		
1	To give the knowledge of Design of Multistory Buildings, Storey and non storey buildings, shear walls.	
2	Design of Earth Retention Structures, Culvert and other structures, Retention walls.	
3	Design of different types of Bridge, Load.	
4	Design of Highway and Airports.	
5	Design of T-Beam & Slab Bridges for highway loads and Prestressing concepts materials.	
Course Outcomes	Department	ICVE Engineering
Course Title	Development Engineering - I	
Course Code	ICVE404	
Program	B.Tech (CE)	Semester - VI
Credits	10	Total 4
Course Outcome		
1	Introduction of Ground and Surface Water Resources, demand & quality of water, the demand, water requirement for various uses.	
2	To know how to evaluate the aquifer potential in the area and their significance.	
3	Theory and design of area equipped with and non-equipped with a well.	
4	To study about layout and hydraulic of different distribution systems, pipe fittings, valves and appurtenances, analysis of distribution system.	
5	To give the knowledge of lateral water supply schemes, financing and management of water supply project, water pollution control act.	
Course Outcomes	Department	ICVE Engineering
Course Title	Research Method Engineering - I	
Course Code	ICVE405	
Program	B.Tech (CE)	Semester - VI
Credits	10	Total 4
Course Outcome		
1	To study about the basic definitions & basic features of soil.	
2	To study the classification of soil according to its composition.	
3	To give the knowledge of Stress Distribution in Soil and Shear Strength of Soil.	
4	To study about different types of slope, failure modes, and effect of water.	
5	To give the knowledge of different types of earth pressure present in the soil using Rankine, Terzaghi, Coulomb theory.	
Course Outcomes	Department	ICVE Engineering
Course Title	Professional Skills - II	
Course Code	ICVE406	
Program	B.Tech (CE)	Semester - VI
Credits	10	Total 4
Course Outcome		
1	Introduction to group discussion, structure and dynamics. Techniques of effective participation in group discussion.	
2	To give the knowledge of interview, How to prepare for interview. Language and style to be used in interview.	
Course Outcomes	Department	ICVE Engineering
Course Title	Research Methodology	
Course Code	ICVE407	
Program	B.Tech (CE)	Semester - VI
Credits	10	Total 4
Course Outcome		
1	To study about different types of research, its methods and objectives.	
2	To study about the formulation of research problem and selecting the problem.	
3	To give the knowledge of Data, Data, data, need for research, design and features of good design.	
4	To explain how to write the abstract, literature review, introduction and its significance.	
5	To give the knowledge of writing and reporting of the thesis or project research report.	
Course Outcomes	Department	ICVE Engineering
Course Title	DBMS	
Course Code	ICVE408	
Program	B.Tech (CE)	Semester - VI
Credits	10	Total 4
Course Outcome		
1	To give Overview and Advantages of DBMS, Hierarchical and Relational Model, Levels of abstraction, Data Independence.	
2	To give the knowledge of Relational Model, Integrity constraints, their addition.	
3	To explain the types of joining, constraints, various types of queries, constraints in relational approach like domain constraints, referential integrity constraints etc.	
4	To explain how to write the relational database record in files and various types of files.	
5	To give the overview of object oriented database and related concepts, object oriented model, distributed database, parallel databases, temporal database, spatial database.	