COURSE OUTCOMES OF STRUCTURAL ANALYSIS – I

CO1.To be able to find out indeterminacies of structures and be capable of differentiating the structures.

CO2. To be able to find out and apply suitable method for analysis of structures to evaluate displacements.

CO3. To be capable of applying strain energy method to find displacements of determinate structures.

CO4. To be able to draw Influence Line Diagram for functions such as reactions at the supports, bending moment and shear force at a section and capable of evaluating maximum values
of these functions for various load positions.

CO5. To be able to analyze suspension bridges and arches.

COURSE OUTCOMES OF HYDRAULIC ENGINEERING

CO1. Analyze turbulent flow in pipe and solve problems of pipe network.

CO2. AnalyzeBoundary layer and calculate drag and lift.

CO3.Analyze flow in open channel.

CO4.Apply the Dimensional analysis for fluid flow problem.

CO5. Analyze the flow in Turbine & Pumps.

COURSE OUTCOMES SURVEYING AND GEOMATICS SURVEYING

CO1. Deal with the various aspects of Trilateration and Triangulation.

CO2. Do the relevant computations, errors and observations

CO3.Gain and apply the knowledge of Tacheometery, various modern survey instruments.

CO4.Apply the concepts of Photographic and aerial surveying and GPS.

CO5. Efficiently deal with the Hydrographic surveying.

COURSE OUTCOMES OF BUILDING CONSTRUCTION

CO1.To be able to recognize various parts of sub-structure with their functions.

CO2. To be able to recognize importance of safety in construction.

CO3.Identify the factors to be considered in construction of building and develop the construction practice and techniques

CO4.Students are to be able to recognize construction procedure with safety procedure in various types of bonds.

CO5. Students are able to understand the suitability of various types of floors.

COURSE OUTCOMES OF ENGINEERING GEOLOGY.

CO1. Show the knowledge about basic concept of geology.

CO2. Show knowledge of the Mineralogy and Crystallography.

CO3.Show knowledge of the petrology

CO4. Understand the structural geology and earthquake.

CO5. Get the knowledge about the. Engineering geology and landslide.

COURSE OUTCOMES OF HYDRAULICS LAB

CO1.Learner will able to study the performance characteristics of Kaplan turbine.

CO2 .Learner will able to study the performance characteristics of Pelton wheel turbine.

CO3. Learner will able to study the performance characteristics of Francis turbine.

CO4. Learner will able to study the performance characteristics of Centrifugal pump.

CO5. Learner will able to study the performance characteristics of Reciprocating pump.

COURSE OUTCOMES OF SURVEYING AND GEOMATICS LAB

CO1 To learn to work as team, ethics and prepare technical reports of surveying.

CO2 To relate theoretical knowledge of surveying to resolve real field problems.

CO3 To establish horizontal control and vertical control by traversing and triangulation.

CO4 To Determine tacheometric constants.

CO5 Apply the concepts of total station, digital theodolite.

COURSE OUTCOMES OF GEOLOGY LAB

CO 1. Identify the minerals based on their physical properties .

CO 2. Identification of structural faults and folds.

CO 3. Classify rocks using basic geologic classification systems.

CO 4. Interpret the geological structures in the geological maps.

CO5.Identification of rock by megascopic observation.

COURSE OUTCOMES OF VIRTUAL LAB

CO1. Students will able to Access quality simulation based Labs facility.

CO2.Students will able to Access quality based virtual view to attain different experiment work.

CO3. Student will able to fill lack of lab facilities

CO4. Student will able to enhance their knowledge and skill in various related subjects.

CO5. Student will able to learn different types of software skills regarding civil eng. Projects.