COURSE TITLE	**ELEMENTS OF CIVIL ENGINEERING**
COURSE CODE	**110004**
COURSE CREDITS	

Course Outcomes: After completion of this course, student will be able to:

Pre-requisite of course:.

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work

Teaching and Examination Scheme

No. of Interactive Sessions		Hours of Study Material			Total Hours of Study	Examination Scheme			Total Marks
Interactive Live Lecture/Webinar	Discussion Forum	E - Tutorial (Hrs.)	E - Contents (Hrs.)	Self- Study hours Including Assessment		CSE	ESE	ETP	

Contents : Unit	Topics	Contact Hours
1	**Introduction to Civil Engineering and Building Materials:-** History of Civil Engineering, Role of Civil Engineer, Branches of Civil Engineering, Materials used in building construction	
2	**Building Planning** Principle of Planning, Introduction to different types of drawing (Line diagram, Plan, Elevation, Key plan, Layout plan, Structural drawing, etc.), Introduction to different types of buildings	
3	**Building Construction:-** Introduction to Building components (Sub & Super structure), Overview of Building bye-laws, Plot area and built-up area	
4	**Basic of Surveying:-** Definition - Surveying & Leveling, Types of surveying, Introduction to modern surveying techniques, Units and Conversion	
Total Hours		

Suggested Theory Distribution:

The suggested theory distribution as per Bloom's taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

Distribution of Theory for course delivery

Remember / Knowledge	Understand	Apply	Analyze	Evaluate	Higher order Thinking / Creative

Digitally signed by (Name of HOD)

Digitally signed by (Name of Dean/ Principal)