

**DEPARTMENT OF CIVIL ENGINEERING**

**Name of the Subject: Building Materials Construction and Planning      Subject Code: CE403PC**

**Year/ Sem: II/II**

**Regulation: R18**

<b>CO1</b>	Able to <b>understand</b> the types of building stones and bricks and their composition and characteristics.
<b>CO2</b>	Able to <b>discuss</b> the manufacturing process of timber, aluminum, glass, paints, plastics, cement, different tests on cement and various types of admixtures.
<b>CO3</b>	Able to <b>explain</b> building components like lintels, arches, walls, vaults, stair cases, floors and building services of plumbing, sanitary, ventilation, etc.,
<b>CO4</b>	Able to <b>discuss</b> about mortars, masonry, finishes and formwork.
<b>CO5</b>	Able to <b>understand</b> about building planning and bye-laws.

**Mapping Matrix of CO's and PO's:**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
<b>CO1</b>	X												X	
<b>CO2</b>	X						X	X					X	X
<b>CO3</b>	X		X	X	X		X						X	X
<b>CO4</b>	X			X									X	X
<b>CO5</b>	X		X	X									X	X

Course Coordinator

Program Coordinator

HoD