

**DEPARTMENT OF CIVIL ENGINEERING**

**Name of the Subject: Strength of Materials Lab**

**Subject Code: CE307PC**

**Year/ Sem: III/I**

**Regulation: R18**

<b>CO1</b>	Able to <b>Determine</b> hardness of metals.
<b>CO2</b>	Able to <b>Classify</b> the materials like steel, concrete, etc. depending upon the strength.
<b>CO3</b>	Able to <b>Find</b> out the compression strength of spring, wood and concrete
<b>CO4</b>	Able to <b>Determine</b> the Elastic Constants of steel by conducting flexural and torsion tests
<b>CO5</b>	Able to <b>Find</b> out the Tensile strength of Materials like steel, etc. by Tension test

**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	X	X		X	X	X			X
<b>CO2</b>	X				X	X	X			X				X
<b>CO3</b>	X				X	X	X		X	X				
<b>CO4</b>	X				X	X	X			X			X	
<b>CO5</b>	X				X	X	X			X				X

Course Coordinator

Program Coordinator

HoD