



Lectures of the Department of Civil Engineering

Subject Title:- **Strength of Material**

Class:-Second Class

Lecture Contents	Lecture sequences	First lecture	Instructor Name
	The major contents :		
	1- Simple Stress		
Lecture Contents	The detailed contents:		
	<ul style="list-style-type: none"> • Simple Stress • Shearing stress • Bearing stress 		

Lecture Contents	Lecture sequences	Second lecture	Instructor Name
	The major contents : 1- Simple Strain		
	The detailed contents: <ul style="list-style-type: none"> • Simple Strain • Poisson's ratio • Statically indeterminate members 		

Lecture Contents	Lecture sequences	third lecture	Instructor Name
	The major contents : 1- Simple Strain		
	The detailed contents: <ul style="list-style-type: none"> • Simple Strain • Poisson's ratio • Statically indeterminate members 		

Lecture Contents	Lecture sequences	fourth lecture	Instructor Name
	The major contents :		
	1- Torsion		
	The detailed contents:		
	<ul style="list-style-type: none"> • Simple Strain • Shear And Moment In Beams • Shear and moment diagrams 		

	Lecture sequences	fifth lecture	Instructor Name
Lecture Contents	The major contents : 1- Stresses In Beams		
	The detailed contents: <ul style="list-style-type: none"> • Beam Deflections • Combined Stresses • The kern of a section • Mohr's circle • Reinforced Beams • Columns • Riveted And Welded Connection 		

	Lecture sequences	sixth lecture	Instructor Name
Lecture Contents	The major contents : 1- Stresses In Beams		
	The detailed contents: <ul style="list-style-type: none"> • Beam Deflections • Combined Stresses • The kern of a section • Mohr's circle • Reinforced Beams • Columns • Riveted And Welded Connection • Structural riveted joints • Eccentrically loaded riveted connections • Welded connections Computer Applications		