

10 CE 22 P STRENGTH OF MATERIALS LAB
II B.Tech II Semester
(with effect from the academic year 2011-2012)

Periods/week: 3
University Exam -3Hrs

Credits: 2
Sessional Marks: 40
End Examination Marks: 60

(Any ***Eight*** or more of the following experiments will be given)

LIST OF EXPERIMENTS:

1. Tension test on mild steel bar
2. Tension test on HYSD steel bar
3. Compression test on wood
4. Torsion test on mild steel specimen
5. Compression test on close coiled helical spring
6. Charpy & Izod impact test
7. Deflection test on a beam under Uniform Bending
8. Deflection test on simply supported beam
9. Deflection test on fixed beam
10. Rock well and Brinell Hardness test
11. Direct shear test on mild steel specimen