

<b>5<sup>th</sup> Semester</b>	<b>RPR5C202</b>	<b>Material Deformation Processes</b>	<b>L-T-P 0-0-3</b>	<b>2 Credits</b>
------------------------------------	-----------------	---	------------------------	----------------------

1. Determination of equilibrium of coplanar forces.
2. Determination of Moment of Inertia of Flywheel
3. Determination of tensile strength of materials by Universal Testing Machine.
4. Determining Stress Distributions over Deforming Polycrystals.
5. Demonstration on measurement of Impact strength.
6. Demonstration on measurement of Hardness strength.
7. Demonstration on measurement of Rigidity modulus.
8. Demonstration on measurement of Compression / Bending strength.
9. Demonstration on measurement of Fatigue strength.

***Digital Learning Resources:***

Virtual Lab Link: <http://msvs-dei.vlabs.ac.in/msvs-dei/>