

<b>Department of ME</b>	
<b>B.Tech - II-Year</b>	
<b>CO</b>	<b>Subject Name -CO Statements</b>
<b>C208:Metallurgy &amp; Mechanics of Solids Lab</b>	
<b>CO#</b>	<b># Student will be able to</b>
<b>C208.1</b>	Student will be able to Analyze the behavior of the solid bodies subjected to various types of loading.
<b>C208.2</b>	Student will be able to Apply knowledge of materials and structural elements to the analysis of simple structures.
<b>C208.3</b>	Student will be able to Undertake problem identification, formulation and solution using a range of analytical methods
<b>C208.4</b>	Student will be able to Analyze and Identify plain carbon steels and cast irons by studying their microstructure.
<b>C208.5</b>	Student will be able to Characterize and relate the properties of the materials using Image analyzer
<b>C208.6</b>	Student will be able to Identify the effect of heat treatment and cooling rates on the properties of steels and different alloys