



9. Tests on helical spring - Determination of Modulus of Rigidity of Helical spring material
10. Double shear Test - Determination of shear strength of given specimen
11. Preparation and study of the microstructure of Iron and steels
12. Preparation and study of microstructure of Cast Irons
13. Preparation and study of the microstructure of Copper and its alloys
14. Preparation and study of microstructure of Aluminum and its alloy
15. Study of microstructure of various treated and untreated steels.
16. Hardenability of Steels by Jominy end Quench test.
17. Hardness of various treated and untreated steels.