

ASSIGNMENT - 3

Chapter 3: Measurement of screw thread and gear:

- 1) Give the classification of threads. Explain the two-wire method of measuring the effective diameter of a screw thread.
- 2) Discuss the gear tooth terminology with neat sketch.
- 3) State the various possible errors on the gear. Explain how circular pitch measuring machine measure circular pitch error of Gear.
- 4) Give comparison between involute and cycloidal gears.
- 5) Discuss the elements of screw thread with neat sketch.
- 6) Explain Tool maker's Microscope with sketch and its applications.

