

ASSIGNMENT - 4

Chapter 4: Measurement systems and basic concepts of measurement methods:

- 1) Give definitions and concept of accuracy, precision, calibration, threshold, sensitivity, hysteresis, repeatability, linearity, loading effect, system response-time delay.
- 2) What means of transducer? What are the advantages of electrical transducer to mechanical transducer?
- 3) Discuss the various types of errors in measuring system.
- 4) What are the advantages and limitations of a laser interferometer?
- 5) Explain the working principle of laser interferometer.
- 6) What is CMM? Explain different configuration of CMM with neat sketch.

