

ASSIGNMENT 5

1. Describe dynamic characteristics of piezo electric transducer. Obtain the relationship of piezo electric transducer output voltage and voltage sensitivity, pressure and thickness of crystal.
2. Explain the use of Thermister for temperature measurement.
3. Explain Black Body concepts for very high temperature measurements. Describe with neat diagram how disappearing filament type optical pyrometer can measure very high temperature. Mention it's merit and demerits.
4. Write short note on Synchronos.
5. Write short note on Ultrasonic flow meter.

