



# S. N. Patel Institute of Technology & Research Centre, Umrakh

(A Vidyabharti Trust Institution)

## Civil Engineering Department

**Subject Name:** Instrumentation and Sensors

**Subject Code:** 3160620

Sr.No.	Experiment
1	To understand the working principle of RTD
2	To study the performance of Biosensor (Pulse measurement technique)
3	To study the tank level measurement using capacitance level probe
4	To understand working principle of LVDT
5	To study an orifice plate for a typical application
6	To understand the working principle of chemical sensors
7	To understand the working principle of Strain gauge
8	To understand the working principle of Thermocouple