



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

(A Vidyabharti Trust Institution)

BE/CHEMICAL ENGINEERING

Subject Name: Petroleum Refining and Petrochemicals

Subject Code: 3160510

Lab Location: L-3

Sr.No.	Experiment
1	Pensky martin's flash point and fire point apparatus
2	Cloud point and pour point
3	Redwood viscometer apparatus
4	Saybolt viscometer apparatus
5	Abel's flash point apparatus
6	Conradson apparatus
7	To determine the Aniline point of given sample of petroleum product
8	To determine the Smoke point of given sample of petroleum product



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Subject Name: Instrumentation and Process Control

Subject Code: 3150504

Lab Location: L-3

Sr.No.	Experiment
1	Response of first order system: thermometer
2	Response of first order liquid level system
3	Response of mixing process
4	Responses of second order system: U-tube manometer or damped vibrator
5	Response of Interacting tanks
6	Response of Non-interacting tanks
7	Characteristics of flow control valves
8	Temperature and pressure measuring devices
9	Viscosity and pH measuring devices (pH Control trainer)
10	Temperature, level, flow, and pressure control trainers