**BUBBLE CAP DISTILLATION COLUMN SETUP**

**PROCESS DESCRIPTION:**

**Objective**:

1.Familiarization of DCS / SCADA Controlled Operation.

2. Detailed Study of Batch Distillation Process Plant.

3. Overall Material Balance.

**Experiments**:

1. To study the of P, PI, PD, PID Controllers.

2. Response of Auto, Manual, Direct, Reverse mode of controllers, study of PID tuning parameters.

3. Study of performance of, pressure sensor, RTD, Dozing pumps, level sensor, I/P, Control valves etc…

4. Total seven control loops at one time.

