Name of the Laboratory: Chemical reaction Engineering Laboratory

Lab code: CHD – 328

Name of the equipments available in the existing laboratory

- Continuous stirred tank reactor (CSTR) set up
- Plug flow reactor (PFR) set up (2 Nos.)
- Packed bed reactor (PBR) set up (2 Nos.)

Name of the experiments:

1. Study of a non-catalytic homogeneous reaction in a CSTR under isothermal conditions.
2. Study of a non-catalytic homogeneous reaction in a PFR under isothermal conditions.
3. Study of a non-catalytic homogeneous reaction in a PBR under isothermal conditions.
4. Residence time distribution (RTD) study in a PFR
5. Residence time distribution (RTD) study in a PBR