**Subject-Process Modeling & Simulation(PC-711/711-A)**

**Assignment-III**

Q.1 Develop the distributed parameter models for Diffusion with chemical reaction in a slab catalyst.

Q.2 Develop the distributed parameter models for Temperature profile in a heated

cylindrical Rod.

Q.3 Mathematical Model of Distributed Parameter Systems for Isothermal Plug Flow Reactor, and Mass exchange in packed column.