

**ASSIGNMENT-3**

1. Describe Least Square Estimation (LSE) and Weighted LSE for estimation of  $x$  (vector of  $n$  random variables) using another vector  $y$  of variables  $m$  ( $>n$ ).
2. Write a short note on application of power system state estimation.
3. Explain static and dynamic state estimation of power system.
4. Write a short note on: (a) Network Observability (b) Pseudo Measurements
5. Write short note on Treatment on Bad Data of state estimation.

