



## Sayyeda Umbereen PhD Student

<u>Department</u>: Electrical Power and Energy Systems

## Group:

Power System Operation and Control Research Group

## Improved observability in the power system: Real-time stability monitoring and control

## **Objectives:**

- To develop methods to perform fast real-time rotor angle instability monitoring using PMU data.
- To design control strategies to stabilize power system in short interval of time to enhance overall power system stability.

