

DEPARTMENT: Electrical

SEM:8 TH

SUBJECT NAME: PSOC SUBJECT CODE: 2180909

FACULTY: ASST PROF. ANKUR JHA

ASSIGNMENT-1

- 1. Introduce power system security by a short note on it.
- 2. Discuss sensitivity factors used in security analysis.
- 3. Describe Load frequency control for single area case.
- 4. Explain automatic voltage control method.
- 5. Write a short note on Load frequency control with generation rate constraint.
- 6. Explain contingency analysis in detail and its importance.
- 7. Write a short note on Automatic voltage control.

