

DEPARTMENT: Electrical

SEM:8TH

SUBJECT NAME: PSOC SUBJECT CODE: 2180909

FACULTY: ASST PROF. ANKUR JHA

ASSIGNMENT-2

- 1. Explain the operation of transmission line under heavy loading condition.
- 2. Describe governing effects on reactive power flow.
- 3. Write a short note on reactive power requirement for control on voltage in long transmission lines.
- 4. Give the basic principle of system voltage control.
- 5. Describe the practical aspects of reactive power flow problems leading to voltage collapse in EHV lines.

