

DEPARTMENT: EE SEM: 4 SUBJECT NAME: POWER SYSTEM 1 SUBJECT CODE: 3140914 FACULTY NAME: KRISHNA KSHATRIYA

## CHAPTER 4:POWER FACTOR AND POWER FACTOR IMPROVEMENT OF LOAD CHAPTER 9: NEUTRAL GROUNDING

## **ASSIGNMENT-4**

- ✓ State the advantages and disadvantages of power factor in system.
- ✓ What are the case of low power factor?
- ✓ Explain synchronous modifier.
- ✓ What are the different method of neutral grounding?
- ✓ Compare different grounding method.
- ✓ What are the different method of earth resistance measurement?

  Explain in brief.
- ✓ Explain arc suppression coil grounding. State advantages, drawbacks and application.