

DEPARTMENT: EE SEMESTER:8th

SUBJECT NAME: EC&A SUBJECT CODE: 2180910

FACULTY NAME: KSHATRIYA KRISHNA

ASSIGNMENT 3

CHAPTER 3: THERMAL SYSTEM

- ✓ State function and type of steam trap? Also write energy saving opportunities?
- ✓ Explain Sludge and scale formation in detail with disadvantages?
- ✓ Explain feed water treatment? Also explain its chemical treatment in detail?
- ✓ List factor affecting furnace performance? Explain direct method of performance of furnace?
- ✓ Explain waste heat recovery system? Explain it advantages and disadvantages?

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✓ Explain determination of economic thickness of insulation?