

Yashoda Technical Campus, Satara
3rd Year Engineering_Corporate Training Program

Soft skills (30 Hrs)

- Effective Communication
- Effective Reading & writing | listening | Questioning
- Building Confidence & Attitude
- Personality Assessment of Yourself & others (Ocean Model, MBIT Model)
- Feedback & Improvement + Grooming

Aptitude (30 Hrs)

- Algebra and Number Theory
- Percentage
- Profit & Loss
- Simple Interest
- Time & Work
- Time & speed
- Ratio & Proportion
- Average, Mixture & Allegation
- Financial Mathematics
- Logical Reasoning

Technical Training for Electrical Branch

ELECTRICAL COMPONENTS

- Mcb, mccb
- Rccb, elcb
- Mpcb
- Olr, contactor
- Motor connections
- Study of dol, star delta starter power & control circuits

ELECTRICAL EQUIPMENTS OF SUBSTATION

- Transformer - parts, tests and transformer sizing calculations.
- Isolators
- Circuit breakers
- Instrument transformers- ct, vt, cvt
- Lightening arrester
- Wave trap, plcc
- Study of single line diagram of 220kv substation
- Battery bank, dcdb, acdb, earthing

INDIAN POWER SYSTEM OVERVIEW (GTD)

- Generation capacity, transmission, distribution, live line maintenance
- And load dispatch center

CABLES

- Types of cables, indian standard for cables, joints of cables, testing of cables
- Cable sizing calculations

BULK MATERIAL HANDLING SYSTEM

- Equipments used in ports - hoppers, stackers & reclaimers and wagon loader

- Conveyor system and port operations