

Jawaharlal Nehru Technological University Anantapur
College of Engineering Anantapuram

in collaboration with

Andhra Pradesh State Skill Development Corporation Tadepalli
Siemens Center of Excellence

Details of Electrical & Energy Studies Laboratory

Participants are trained on induction Motor overhauling, Speed control of AC/DC MOTORS WITH Drives & parameterization through Software, Product selection based on application requirement, Diagnostic & troubleshooting strategies. Switchgear training kits imparts knowledge on Air Circuit Breakers, Timers and Relay, Soft Starter, Star Delta Starter, Type-II Co-ordination, Intelligent Motor Management, Power Monitoring etc.

Equipment & Software

- ❖ SINAMICS G120 AC DRIVE KIT with 0.25 HP motor,
- ❖ SINAMICS DC MASTER DRIVE KIT,
- ❖ Sort Starters, MCCB, ACB
- ❖ Energy Saving Kit,
- ❖ Type-II Coordination Kit,
- ❖ Timers and Relays, SIMOCODE PRO V, PAC 4200

Specialized Modules

- ❖ Basics of Induction Motor
- ❖ Basics of LVSG-1
- ❖ Basics of LVSG-2
- ❖ Basics of AC/DC Drives