

# CONCEPTS OF AUTOMATION-PLC's AND DRIVES



## Target Audience

All electrical and maintenance personnel who encounter or wish to apply automation solutions with Programmable Controllers and Drives in their professional duties.

## Description

Introduction to the concepts of Automation with Programmable Controllers (PLC's) and Drives.

## Prerequisites

Engineering Background with an appreciation of Electrical Control Systems and Computers.

## Technology

SIEMENS SIMATIC LOGO MODULES  
SIEMENS Programmable Logic Controllers and MicroMaster Drives

## PROGRAM OUTLINE

### MICRO-AUTOMATION

- Introduction to Logo –Micro-Automation
- Programming Logo Module with LogoSoft

### PROGRAMMABLE CONTROLLERS

- Introduction to SIMATIC S7 range of PLCs
- Configuration and Programming with SIMATIC Step7.

### MICRO-MASTER DRIVES

- Introduction to Variable Speed Drive Applications
- Features of Micro-Master Drives
- Drive Parameterization using STARTER
- Programming and Testing of Application examples

## CHARGES: Ksh 35,000 per person + 16% V.A.T

Cost includes lunch, morning & afternoon tea / snacks.

## DATES

Course Duration: 3 days.

Actual dates to be agreed.

Venue –IET training Centre

## ACCREDITATION

IET is registered with the Department of Industrial Training ref: DIT/TRN/545 as Management Trainers.