

# INSTRUMENTATION & ELECTRONIC COURSES

## GAS TURBINE CONTROL and PROTECTION (IE18A)

**OBJECTIVE:**

This course is designed to provide a detailed knowledge of Gas Turbine Control Protection.

**WHO SHOULD ATTEND?**

This course is intended for those who are involved with the operation & maintenance of gas turbines.

**COURSE CONTENT:**

- Gas Turbine Instruments
- Checklist of Instruments and Apparatus for Compulsary Tests.
- Gas Turbine Power Measurement
- Essential Protective Devices
- Conversion from Electrical to Mechanical Power Outputs
- Performance Evaluations
- Detection of Performance Deterioration
- Control System Function
- Troubleshooting

**Duration: 5 Days**

Date:	Venue:	Cost:
Mar 29 – Apr 2	Dammam	SR6,000
Nov 15 – 19	Dammam	SR6,000

## GE CONTROL SYSTEM MARK VI (IE21A)

**OBJECTIVE:**

To provide participants with knowledge of Mark VI Control Systems and the ability to troubleshoot these systems.

**WHO SHOULD ATTEND?**

This course is recommended for those who are instrumentation and control maintenance engineers, supervisors, foremen and technicians.

**COURSE CONTENT:**

- Introduction
- System Components
- Software (Toolbox)
- Title Bar/Status Bar
- Block Ware Concepts
- Cimplicity
- Troubleshooting
- Process Alarms
- Diagnostic Alarms

**PRACTICAL TASKS:**

- Simulator Practical Training for MARK VI Control System GE
- Data Show Training

**Duration: 5 Days**

Date:	Venue:	Cost:
Apr 19 – 23	Dammam	SR6,000
Dec 6 – 10	Dammam	SR6,000