

INSTRUMENTATION & ELECTRONIC COURSES

POWER ELECTRONIC APPLICATION (IE1AE)

OBJECTIVE:

This state-of-the-art course will focus on the industrial application of power electronics technologies, and in particular the core areas of power devices, circuits, controls, and interactions with load and supply.

WHO SHOULD ATTEND?

This course is intended for Engineers & highly qualified technicians with little experience in power electronics. Electrical engineers and practicing engineers desiring to enhance their knowledge in this important field should plan to attend.

COURSE CONTENT:

- Power Electronics: Fundamentals
- AC/DC Rectifiers; DC/AC Inverters
- Soft Switching Converters
- Pulse Width Modulation
- Current Regulation Strategies
- Basics of Power Converter Control
- Inverter Control Design
- Complex Vector Modeling
- Power Converter Simulation
- Application of Power Semiconductors
- Practical Design Considerations

Duration: 5 Days

Date:	Venue:	Cost:
Jan 5-9	Qatar	SR8,000
Mar 22-26	Jubail	SR7,000
Jun 7-11	Sharm El-Shaikh	SR8,000

SIMADYN TURBINE CONTROLLER (IE15A)

OBJECTIVE:

This course provides attendees with a practical understanding and detail information about Simadyn D for Turbine Controller.

WHO SHOULD ATTEND?

This course is intended for anyone who are involved with the operations and maintenance of Simadyn D for Turbine Controller.

COURSE CONTENT:

- CPU modules 16 bit
- Input/Output
- Communication module
- System documentations
- Configuring with G/L
- Hardware Connections
- Error Diagnostic and Troubleshooting

Duration: 5 Days

Date:	Venue:	Cost:
Mar 15-19	Dammam	SR6,000
Nov 1-5	Dammam	SR,6,000