

INSTRUMENTATION & ELECTRONIC COURSES

DATA ANALYSIS TECHNIQUES FOR ENGINEER (IE49AE)

OBJECTIVE:

Upon completion of this course the participants should be able to define the process of designing a data analysis model, analyze and transform business requirement into a conceptual model, choose the appropriate element in the data design of the data analysis, present data analysis techniques.

WHO SHOULD ATTEND?

Engineers

COURSE CONTENT:

- Data Analysis Basics
- Defining the Business (Conceptual) Model
- Data Warehouse
- Modeling Summaries
- Data Analysis Techniques

Duration: 5 Days

Date:	Venue:	Cost:
Feb 21-25	Dammam	SR 7,000
Jun 27-Jul 1	Abha	SR 8,000
Oct 24-28	Dammam	SR 7,000

DIGITAL ELECTRONICS (IE10A)

OBJECTIVE:

This course explains in detail most of the digital electronic circuits in computer integrated circuits, ALU design, and electronic memories.

WHO SHOULD ATTEND?

This course is recommended for Engineers, Supervisors, Foremen and technicians who are involved in electronic circuits

COURSE CONTENT:

- Digital Gates
- Digital Integrated Circuits
- Application of Digital Electronics in the field of Computer Origination
- Electronic Memory
- Flip Flop Inverter Circuits
- Synchronous and Asynchronous Circuits
- Digital Meet Analogue
- A/D Converters & D/A Converters
- Digital Circuit Troubleshooting
- Integrated Circuits Test & Instruments

PRACTICAL TASKS:

- Counter design
- A/D & D/A circuits
- Sequential circuit design
- Finding faults of digital circuits

Duration: 5 Days

Date:	Venue:	Cost:
Apr 25-29	Dammam	SR 7,000
Aug 2-6	Oman	SR 9,000
Dec 5-9	Dammam	SR 7,000