

# EIN 201 : NUCLEAR INSTRUMENTATION SYSTEM & MANAGEMENT

## **Introduction:**

The performance of nuclear instruments is depended on the human factor, technical skills and reliability of the instruments. As such, technical skills of personnel must be nurtured and developed to the fullest potential. Thus, it is equally important to have a proper knowledge on basic design, technical aspect, operating procedure and maintenance management program on nuclear instruments.

This 2 days course was designed to provide sound understanding of the fundamental concepts of basic design, technical aspect, operating procedure, and maintenance management program on nuclear instruments. The knowledge acquired will enhance participant operational effectiveness in basic design, technical aspect, operating procedure, and maintenance management program on nuclear instruments.

## **Objective:**

- To introduce overview on Nuclear Instrumentation System
- To provide a basic knowledge on how to perform troubleshooting and failure analysis
- To understand maintenance and calibration of nuclear instruments for better accuracy and durability of equipment

## **Content:**

- Overview on Nuclear Instrumentation System
- Nuclear Instrumentation System :
  - Analog
  - Digital
  - Interfacing
- Nuclear Instrumentation Management :
  - Preventive Maintenance
  - Corrective Maintenance
- Fault Finding & Identification
- Calibration

## Methodology

- Lecture
- Lab activity
- Demonstration
- Practical

## Who Should Attend

Radiation protection officer (RPO), radiation protection supervisor (RPS), safety officer, radiation worker, technicians, laboratory assistant, supplier of radiation equipments and those who are involved and interested in nuclear instrumentation system and management

## Your Investment

Package	RM (per pax)
Single Registration	930.00
Single Registration with IPTN	883.00
Team discount (2 or more registration from the same organization)	880.00
Team discount with IPTN (2 or more registration from the same organization)	836.00