



# **UNDERSTANDING ELECTRIC MOTORS - OPTIMIZE PERFORMANCE LEVEL**

**COMFORI SDN BHD**

## **Objectives:**

- Working principles of DC Motors.
- Working principles of AC-Induction Motors
- Understand Torque Development
- Understand Motor Power Ratings
- Learn to Maintain Motors in Optimum Condition

## **Overview:**

Electrical Motors are the workhorses of the industry. Many of the once labour intensive works are now automated using motors. A good understanding of the electric motors will be useful to ensure it is working at optimum levels.

## **Modules:**

**Module 1: Electric Motor**

**Module 2: DC Motor**

**Module 3: DC Motor II**

**Module 4: AC Motor**

**Module 5: AC Motor II**

**Module 6: Motor Power Ratings**

**Module 7: Maintenance of Motors**

**Module 8: Wrapping Up**