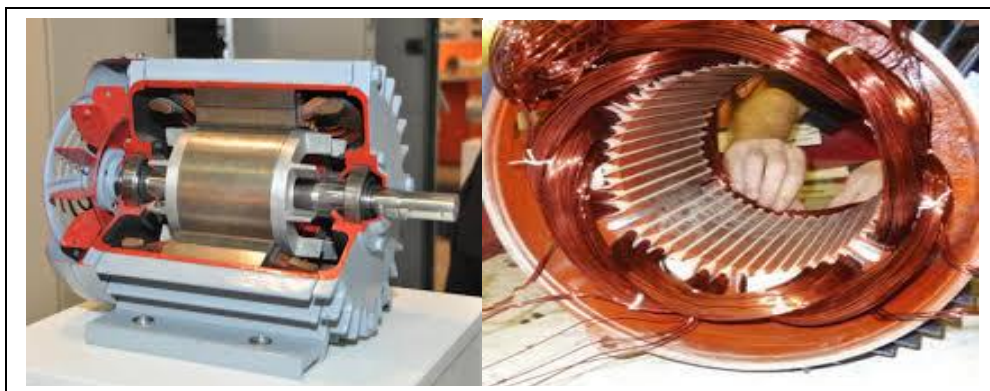




Centre for Industrial Solutions and Advanced Training

**2 DAYS TRAINING PROGRAM ON
HT/LT MOTOR: O&M, FAULTS
AND PROTECTION, CONDITION
MONITORING TECHNIQUES**

4-5 Dec 2019, Kolkata





2 Day`s Training program on HT/LT Motor: O&M, Faults and Protection, Condition Monitoring Techniques 4-5 Dec 2019, at Kolkata

Objective:

- To understand the various parts and critical elements of Electrical Motor.
- To understand the operation and Industrial application of Electrical Motor.
- To understand the maintenance, troubleshooting & Protection of Motor
- To understand do`s & don`ts related to; Rating & Failure analysis.
- To understand selection, Sizing, Best maint practices..

SR	Contents
Basic Theory	
1.1	Basic Theory of Electrical Motor
1.2	Various Laws and Mutual inductance theory
1.3	Construction of Motor: Various parts
1.4	Name Plate Rating; Symbol; Various Terms used in Motor
Operations	
2.1	Types of Motor: AC/DC
2.2	Characteristics of motors, Speed control and Applications
2.3	Installation, Testing & commissioning
2.4	Load sharing: Concepts and Practical.
Maintenance	
3.1	Various Fault Detection : Scheduled and unscheduled Maintenance
3.2	Maintenance, Data keeping,
3.3	Testing of Electrical Motor
3.4	Harmonics; Voltage Fluctuation control and Effects
Faults & Protection	
4.1	Various Faults and Troubleshooting, Protection of Motor
4.2	MPCB
4.3	Relay setting for Motor
4.4	Protection of Motor: Over Load, Over current, S/C, Earthing failure, Differential Protection,
Failure Analysis	
5.1	Introduction to Failure Analysis: Current Signature Analysis
5.2	Thermography;
5.3	NDT; RLA; Bearing Failure- Causes and Remedies
5.4	Conditioning Monitoring Techniques



Centre For Industrial Solutions and Advanced Training

AN ISO 9001:2015 CERTIFIED

(Technical- Electrical/Mechanical/Automation/Chemical, Behavioral & Soft Skill, Safety, Business Excellence, Safety & Energy Audit)

“A complete Training Solution Under One roof”

Registration Details:

Registration Details:

Dates of the program: 4-5 Dec 2019 at Kolkata (2 Days- Wed and Thursday).

Nonresidential Participation Fees: INR 20000/- per delegate (Excluding GST@18%; Training program includes training material hard copies, Tea, Lunch & snack)

Payment: ECS/NEFT/DD in favor of “Centre for Industrial Solutions and Advanced Training” Payable at Nagpur, Maharashtra, India. Account No: 0509102000003353 Bank: IDBI, Wardha- 442001, MS, India; IFSC Code: IBKL0000509; MICR Code 442259001. (GST Code: 27ABBPW5589J1ZV; SAC Code 99-9293; State Code 27)

Venue: @Kolkata, to be confirmed.

For Registration,

1. We do prefer On Line Registration through our web www.cisat.co.in.
2. In other case do send nominations confirmation via email to Vikas 00-91-7709012815; vikas@cisat.co.in; cisat.nagpur@gmail.com; rupali@cisat.co.in; or you can do call Vikas +91-7709012815 or 8669546332

Looking forward further communication from you soon.

Centre For Industrial Solutions and Advanced Training

Mrs. Rupali, Director Business Development

Web: www.cisat.co.in; Email: rupali@cisat.co.in; cisat.nagpur@gmail.com ;

“A Complete HR/Training Solution under One roof”

(Technical- Electrical/Mechanical/Automation/Chemical, Behavioral, Soft Skill, Safety, Out Bound training, business Excellence, Safety Audit, Energy Audit, Automation Solution)