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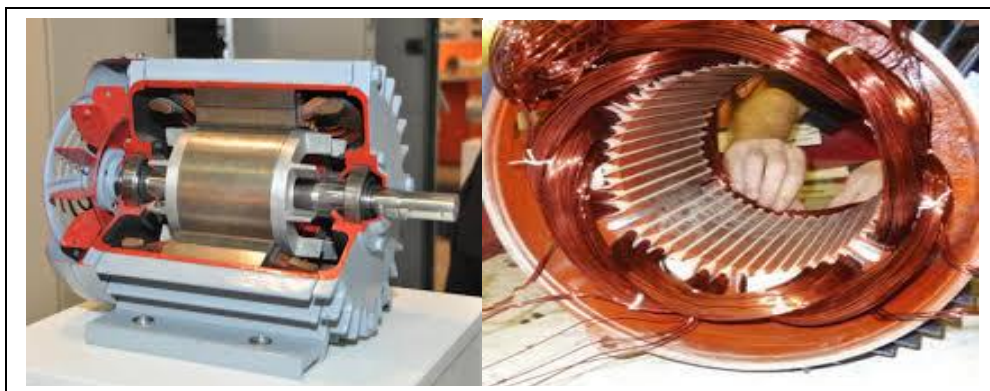
Centre for Industrial Solutions and Advanced Training

2 days Training program on HT/LT Motor: O&M, Faults and Protection, Condition Monitoring techniques

8-9 Nov 2019, Nagpur

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2 Day`s Training program on

HT/LT Motor: O&M, Faults and Protection, Condition Monitoring Techniques

8-9 Nov 2019, at Nagpur

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

Web: www.cisat.co.in; Email: vikas@cisat.co.in ; Contact:+91- 7709012815 (Branches: Thane/Pune/Nagpur/Bhilai/Wardha)

(Your partner for Industrial solution &Empowerment of Human Capital)

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:

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Dates of the program: 8-9 Nov 2019 at Nagpur (2 Days- Friday and Saturday).

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: *AT CISAT, Pratapnagar Square, Nagpur-440022 Maharashtra, India*

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

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