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Demand draft payable at any bank in Kharagpur for the registration fee must be made in favour of

“CEP/STC-IIT, Kharagpur”

Demand Draft

No. _____

Registration form along with the demand draft should be **sent to:** *(photocopy of this form will also do)*

Prof. A. R. Mohanty
Department of Mechanical Engineering
Indian Institute of Technology
KHARAGPUR 721 302

**LAST DATE FOR REGISTRATION
15th February 2015**

Course Venue

Mechanical Engineering Department
Indian Institute of Technology Kharagpur
West Bengal

Course Date & Timings

23rd & 24th February 2015

Daily 9:00 a.m. to 6:00 p.m. with Tea/Coffee and lunch breaks.

Lunches, Tea/Coffee, and accommodation for two nights will be provided at **no extra cost** to the participants.

Course Coordinator

(Please contact for any additional information)

Prof. A. R. Mohanty
Department of Mechanical Engineering
Indian Institute of Technology
KHARAGPUR 721 302

Tel: 03222 282944
Fax: 03222 255303
Cell: 94340 16966
Email: amohanty@mech.iitkgp.ernet.in
Web: www.iitkgp.ac.in

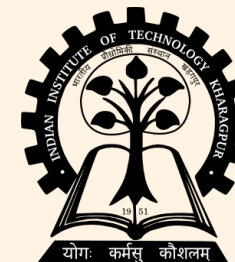
**IIT Kharagpur
Presents:**

**Two-day residential
course on its
campus on**

**Machinery
Condition
Monitoring**

23rd & 24th February 2015

**Department of Mechanical Engineering
IIT KHARAGPUR**



Machinery Condition Monitoring

The subject of machinery condition monitoring has been recently receiving considerable attention in India owing to concerns related to equipment reliability and safety. This increasing interest is primarily due to the significant impact of economic changes and strong competition in the global market. This two-day course will provide engineers/managers with the state of the art techniques in machinery condition monitoring along with the recent developments in the field of signal processing, thermography, ultrasonics apart from the traditional noise and vibration monitoring. *Sessions, every afternoon will be dedicated to demonstration of measurements in the laboratory using almost all the equipment used in machinery condition monitoring.*

COURSE OUTLINE

- Basics of Machinery Maintenance
- Instrumentation and Signal Processing
- Vibration and Noise Monitoring
- Fault detection in Rotating Machines
- Techniques of Oil & Debris Analysis
- Motor Current Signature Analysis.
- Thermography
- Ultrasonics

COURSE MATERIAL

Each registered participant will be provided with a set of lecture notes (soft copy). Each registered participant will also be provided discount coupon for the book, "***Machinery Condition Monitoring: Principles and Practices***" by A. R. Mohanty, CRC Press, 2014.

WHO SHOULD ATTEND

This course is designed for engineers, managers, designers, consultants and service personnel who need to understand the principles and practices behind state of the art machinery maintenance and condition monitoring.

INSTRUCTORS

Faculty and expert from IIT Kharagpur and United States of America with combined teaching, research and industrial consulting experience of more than 30 years in the areas of Machinery Condition Monitoring.

ELIGIBILITY

Graduate in any branch of engineering/science, engineers, managers, specialists, executives and consultants. Diploma engineers with relevant experience. Faculty members from engineering colleges.

REGISTRATION FEE

The registration fee for the course is Rs. 20,000/- + service tax @12.36%, for a total of **Rs. 22,472/-** per participant. The registration fee includes one set of course notes (soft copy), lunch, Tea/Coffee and accommodation for nights of **22nd and 23rd February, 2015** at the Main Technology Guest House of IIT Kharagpur. *Due to limited seats early registration is recommended.*

CERTIFICATE

Course completion certificate will be awarded by IIT Kharagpur to all attending participants.



REGISTRATION FORM

Two-day course at IIT Kharagpur
On
Machinery Condition Monitoring
(23rd & 24th February 2015)

(Completed registration form along with fess must reach the coordinator on or before 15th February 2015)

Please register me for the course on "Machinery Condition Monitoring" at IIT Kharagpur, on 23rd & 24th February 2015.

Name:

Designation:

Gender:

Mailing Address:

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.....

.....

Mobile Number (Compulsory):

Email (Compulsory):

.....

Draft No:

Date:

Signature of the applicant*

**For additional participants, photocopies of this registration form can be used.*