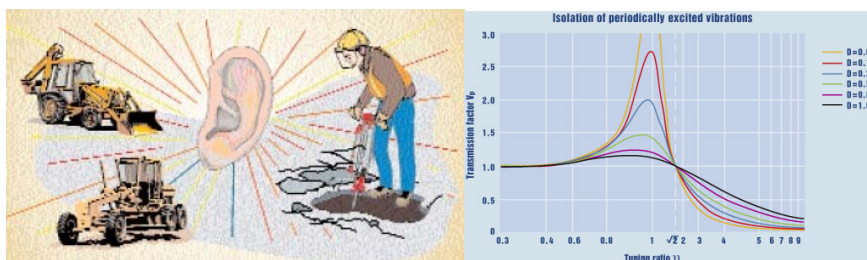




TEQIP-III Sponsored

Online Short Term Course on

Industrial Noise and Vibration Control (26-28 November 2020)



Course Coordinator
Dr. Anand Parey

Discipline of Mechanical Engineering
INDIAN INSTITUTE OF TECHNOLOGY INDORE

About this Course

Industries face noise and vibration related issues on day to day basis. Working environment of industries can be improved by various noise and vibration control methods. Various government agencies have put stringent norms related to noise and vibration for work place. This has increased the demand of noise and vibration engineers in industry.

Course Contents:

Basic of vibration, vibration of one degree, two degrees, and multi-degrees of freedom systems, forced vibration etc.

Vibration measurement and control: Various types of transducers, data acquisition system, vibration analysis techniques, vibration absorbers, viscoelastic damping, active vibration control etc.

Basics of acoustics, various acoustic quantities and their relations, measurement of sound pressure, sound intensity and sound power etc.

Noise Control: Principles of passive noise control, sound absorption, noise barriers.

Case studies: Source identification for noise and vibration signals and their control for bearings, gears, fans, blower and pumps, etc.

WHO SHOULD ATTEND?

- Condition monitoring Engineer/ Maintenance Engineer/Manager/Supervisor.
- Professionals working in R & D organizations.
- Faculty from Engineering/Polytechnic colleges.
- Research scholars, post graduate and undergraduate students working in the field of noise, vibration and condition monitoring.

REGISTRATION FEE:**No registration fee for faculty members from TEQIP institutes**

Rs. 10,000* (for industry personnel)
Rs. 5,000* (for faculty members)
Rs. 2,000* (for students)

*including service tax

MODE OF PAYMENT:**For Online payment**

<http://www.iiti.ac.in/page/e-payments>

For Bank Transfer:

Beneficiary Name: Registrar IIT Indore
Bank Name: Canara Bank
Branch: IIT Indore, Khandwa Road, Simrol, Indore
Account number: 1476101027440
IFS Code: CNRB0006223

NUMBER OF SEATS: Limited**IMPORTANT DATES:**

The soft copy of completely filled registration form (along with Online payment slip for the course fee) should be sent to the following e-mail ID on or before **25 November 2020**.

Address for correspondence**Dr. Anand Parey****Professor**

Mechanical Engineering Discipline
Indian Institute of Technology Indore
Khandwa Road, Simrol, Indore, MP.
E-mail: anandp@iiti.ac.in
Phone: 09425053943(M)

REGISTRATION FORM**Name :****Designation:****Institution/Organization:****Address:****Highest degree:****Are you a faculty member from TEQIP Institute? (Yes or No)****E-mail id:****Phone/Mobile No.:****Payment details (for participants from non TEQIP institutes)****Bank Name:****Reference ID:****Amount transferred:****Date of transaction:****Any other relevant information:****Signature of the applicant with date**