

ABOUT THE INSTITUTE

Dr. D. Y. Patil Institute of Engineering, Management and Research (DYPIEMR) was founded in 2012 to impart quality education and to develop useful manpower with entrepreneurship qualities for industries. It is a self-financed engineering institute affiliated to Savitribai Phule Pune University. It is recognized and approved by All India Council for Technical Education (AICTE), New Delhi and Govt. of Maharashtra. Recently, DYPIEMR has been approved by Govt. of India for 'Prime Minister Skill Development Program'.

DYPIEMR offers Bachelor of Engineering courses in Mechanical Engineering, Computer Engineering, Electronics and Telecommunication Engineering, Civil Engineering and Chemical Engineering. DYPIEMR is one of the premier institutes in Pune with all basic and advanced modern infrastructure and facilities excelling in both academics and research.

ABOUT THE DEPARTMENT

The department offers four years degree course in Mechanical Engineering. The department has MoU with Engineering Cluster which is a group of industries located in Pune. Recently, the department has formed an 'Innovation Lab' to promote the under-graduate students to pursue research in their field of interest. The department has well qualified and experienced faculty members. The department is equipped with excellent laboratories, computational and library facilities.

Chief Patrons

Hon'ble Dr. D.Y. Patil
Founder, Dr. D.Y. Patil Group
Hon'ble Dr. Sanjay D. Patil, President
Dr. D.Y. Patil Pratishthan
Hon'ble Shri. Satej D. Patil, Chairman
Dr. D.Y. Patil Educational Complex, Akurdi

Patron

Col. S.K. Joshi
Campus Director
Dr. D.Y. Patil Educational Complex, Akurdi

Chairman

Dr. Anupama V. Patil
Principal, DYPIEMR

Conveners

Prof. Kiran M. Narkar
Dr. Pramod B. Salunkhe
Department of Mechanical Engineering,
DYPIEMR

Contact Information

Mr. V. P. Dive
Mobile No.: 9860669611
Mr. S. B. Solepatil
Mobile No: 9923874218
Mr. A.S. Mali
Mobile No.: 7972475179

E-mail: hodmech@dypiemr.ac.in

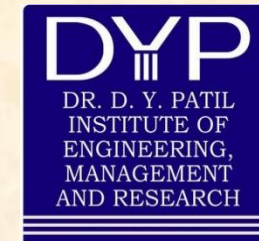
Faculty Development Program

on

'Vibration Measurement and Analysis'

04th June – 09th June, 2018

Organized by



Department of Mechanical Engineering

Dr. D.Y. Patil Institute of Engineering,
Management and Research

Akurdi, Pune - 411 044

Maharashtra, India.

<http://www.dypiemr.ac.in>

Approved by



**All India Council for Technical
Education and Indian Society for
Technical Education**

New Delhi

ABOUT THE FDP



This FDP is more focused towards faculty and researchers who are involved in teaching and carrying out research in the area of Vibrations. It is aimed to enhance the fundamental understanding of both vibration analysis and experimental measurement techniques through series of well-structured sessions. Fundamental research in vibration includes the development of mathematical models, solving techniques (analytical/numerical) and conduct of physical experiments and simulation. This FDP also involves the experimental modal analysis, conditioning monitoring, vibration measurement, signal processing and their applications in real time industrial environment. After attending this FDP participants are expected to fine tune their delivery of lectures and their research.

The broad aim of the workshop is to help in development of own career plan for professional satisfaction

Expected Outcomes

At the end of FDP Participants will be able to:

- Understand the fundamentals of vibration measurement.
- understand typical vibration/noise measurement techniques.
- Use FFT analyzer for practical vibration measurement.

REGISTRATION

Course Fee:

Post-Graduate Students: Rs.800/-
Faculty Members : Rs. 800/-
Industry Delegates : Rs.1000/-

(Registration fee includes
Registration Kit, Breakfast and Tea)

On the spot Registration is available.

VENUE

Dr. D. Y. Patil Institute of Engineering,
Management and Research, Dr. D. Y. Patil
Educational Complex, Sector 29, Akurdi, Pune –
411 044, Maharashtra, India.

RESOURCE PERSONS

Experts from industry and academia.

COURSE CONTENTS

1. Fundamentals of vibration
2. Overview of recent advancements in the field
3. Analysis of multi degree freedom system
4. Modal analysis (Including simulation in Ansys)
5. Hands on experimental modal analysis using FFT Analyzer
6. Vibration transducers and vibration excitation techniques
7. Typical Vibration/ Noise measurement techniques

WHO SHOULD ATTEND

This workshop is best suited for post-graduate students, research scholars, faculty members teaching Mechanical Vibration course and professionals working in the domain of vibration measurement

REGISTRATION FORM

Faculty Development Program on
'Vibration Measurement and Analysis'
04th June – 09th June, 2018

Name: _____

Designation: _____

Organization: _____

Organization Address: _____

Mobile Number: _____

E-mail Address: _____

Date: _____

Signature: _____

ISTE No: _____

Signature and Seal of Head of the Organization

Please submit the scanned copy of duly filled form on
e-mail: hodmech@dypiemr.ac.in on or before
30th May, 2018