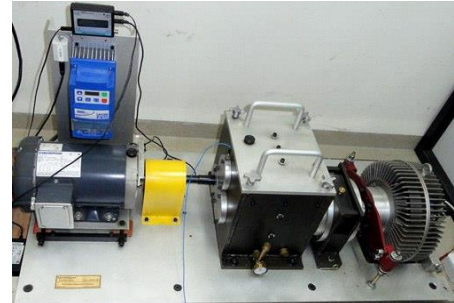
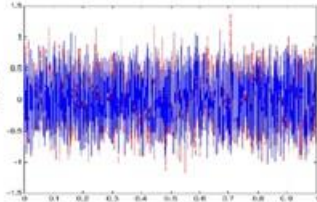


TEQIP-III Sponsored Short Term Course on
**Research and Development in Condition Monitoring of Rotating
Machines**
(10-12 December 2018)



Course Coordinator
Dr. Anand Parey
Discipline of Mechanical Engineering
INDIAN INSTITUTE OF TECHNOLOGY INDORE

A 3 day short term course has been organized on “Research and Development in Condition Monitoring of Rotating Machines”. Rotating machines like compressors, pumps, gears etc. are very common in any industry. Failure of these rotating machines causes huge monetary losses. Fault diagnosis rotating machines can help in preventing the catastrophic failure of these elements thereby saving down-time and monetary losses. Noise and vibration monitoring are two most widely used techniques for fault diagnosis of bearing and gears.

This short-term course provided the sound fundamental knowledge to the participants on above-mentioned aspects of fault diagnosis. Participants were given an opportunity to explore the state-of-art equipment available at IIT Indore in the field of rotating machinery fault diagnosis. Total 9 participants attended the course. The participants were from Ramco Institute of Technology Rajapalayam, Tamilnadu; Nirma University, Ahmedabad; ADCET, Ashta, Maharashtra; SIT, Lonavala, Maharashtra; and SGSITS Indore.

Prof. Anand Parey, Prof. Rambilas Pachori and Dr. Pavan Kankar from IIT Indore, Dr. Manoj Chouksey and Dr. Purushottam Gangsar from SGSITS Indore delivered a lectures on various topics related to condition monitoring of rotating machines.

Prof. Amitabh Narain a visiting Prof. under VAJRA scheme from Michigan Tech University, USA, distributed the certificates to the participants in valedictory session.

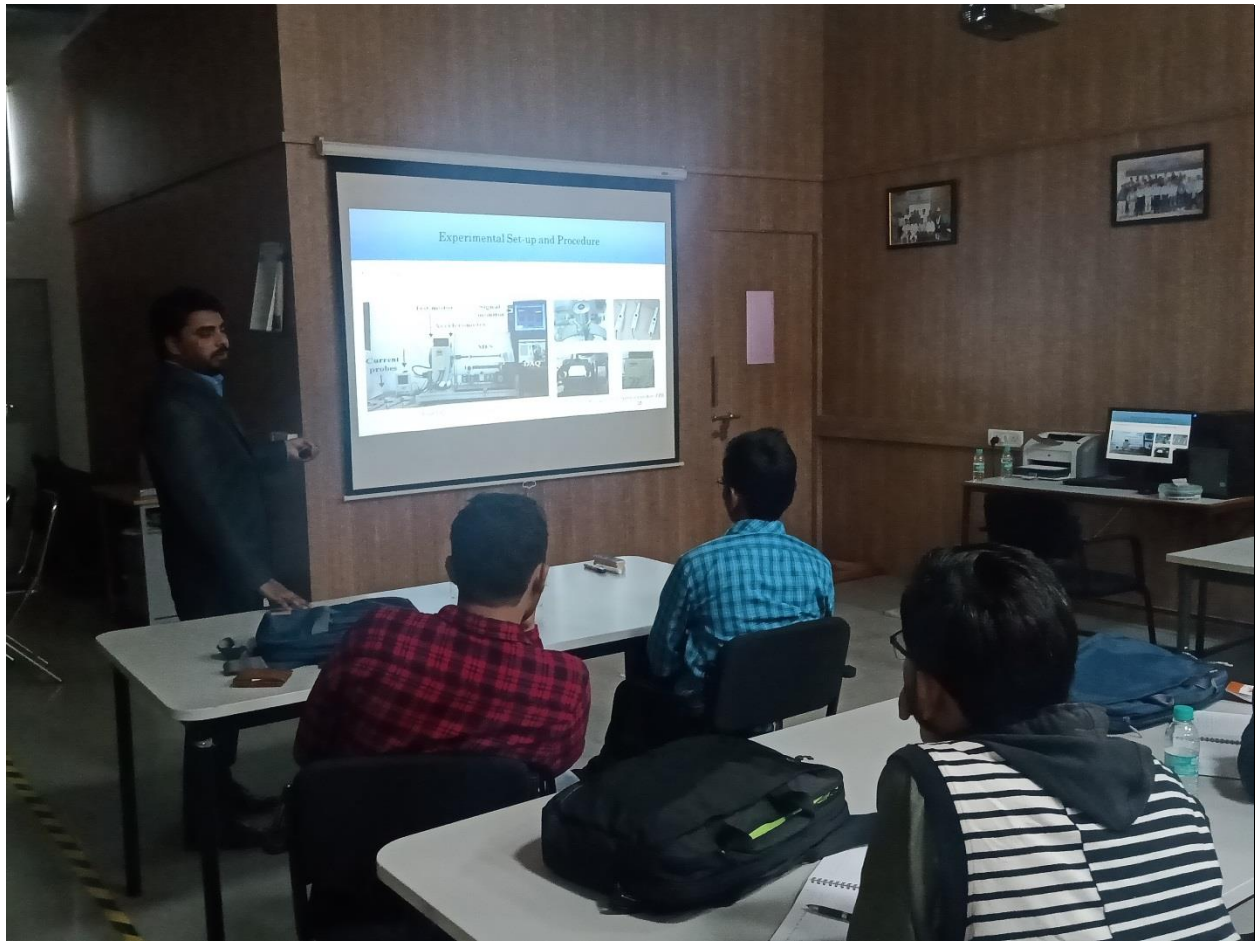
The participants feed-back have been collected and they suggested organizing more such courses in future.



Group Photo of Participants











Unit Impulse Response

- 1. Unit Impulse Response
- 2. Unit Impulse Response
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