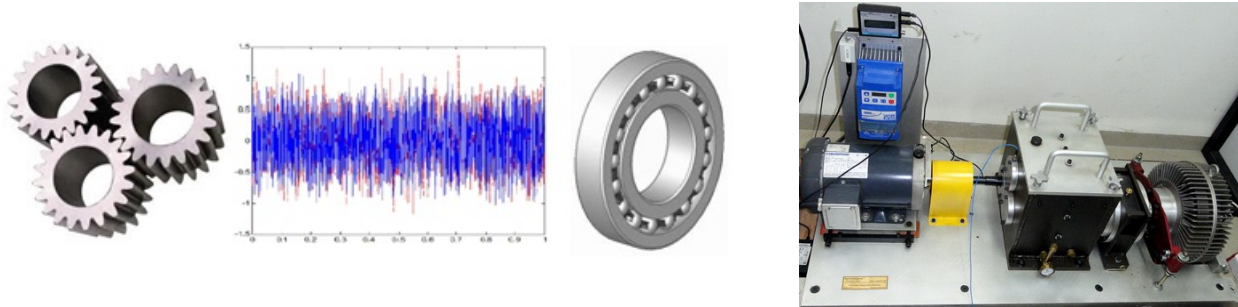


TEQIP-III Sponsored Short Term Course on
BEARING AND GEAR FAULT DIAGNOSIS
(26-27 March 2018)



Course Coordinator

Dr. Anand Parey

Discipline of Mechanical Engineering

INDIAN INSTITUTE OF TECHNOLOGY INDORE

A 2 day short term course has been organized on Bearing and Gear Fault Diagnosis. Bearings and gears are one of the most important mechanical elements. The demand is increasing day by day for increasing the load carrying capacity, enhancing the performance and service life of the bearing and gears. Failure of these elements causes huge monetary losses. Fault diagnosis of bearings and gears 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 bearing and gear fault diagnosis. Participants were given an opportunity to explore the state-of-art equipment available at IIT Indore in the field of bearing and gear fault diagnosis.

Total 13 participants attended the course. The participants were from BIT Mesra, Ranchi, NPSEI Pithoragarh, SGSITS Indore and IGEC, Sagar.

Prof. Naresh Tandon from IIT Delhi inaugurated the course and also delivered a key note lecture on noise and vibration measurement. Prof. Ram Bilas Pachori from IIT Indore delivered a lecture on basics of signal processing. Prof Anand Parey delivered lectures on bearing and gear fault diagnosis.

Prof. Sandeep Chaudhary, TEQIP coordinator of IIT Indore 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.





TEQIP-III SPONSORED SHORT TERM COURSE ON
BEARING AND GEAR FAULT DIAGNOSIS

(26th - 27th March, 2018)

Organized by



Discipline of Mechanical Engineering

INDIAN INSTITUTE OF TECHNOLOGY INDORE

Course Coordinator

Prof. Anand Parey

