Faculty Profile

Full Name: Asad Ali

Position/ Designation: Lecturer

Faculty/Department: Mechanical

Email Address: Asad.Ali@nhu.edu.pk

Short Introduction

I have expertise in Teaching & condition monitoring system especially rotary equipment via vibration monitoring and analysis. Plant and equipment vibrations can be hazardous for employees and damaging to your facilities and business collateral. Through vibration monitoring you are meeting your industry safety guidelines and regulations also identify machinery and equipment hazards in the workplace. To minimize the maintenance cost and energy consumption to improve integrity and safety, improve reliability and improve asset management, they all effects to big impact on the natural environmental protection.

TEACHING SUBJECTS

Mechanics of Machine, Heat and Mass Transfer, Mechanics of Material, Engineering Material, Engineering Drawing , Thermodynamics, Workshop Technology.

PROJECT DONE

- Reliability Project at Al Noor Sugar Mills
- Energy audit at Power Cement Mills via Vibration Based Maintenance
- IFFCO (Refinery) - Shut down planning Execution
- Energy audit at Nishat Textile mill limited via vibration analysis

Experience

- **Lecturer in Mechanical Engineering (NHU)** **Dec:2019-Present**
- **Lecturer in Mechanical Engineering (Hamdard University)** **June:2017-2019**
- **Condition Monitor Engineer (Al-Abass Sugar Mill)** **Oct:2013-May:2017**
- **Condition Monitor Engineer (PAE Solutions)** **Jan:2012-Oct:2013**
- **Management Trainee** **Dec:208-2009**

Educational Information

- **ME (Energy System Engineering)** **MUET Jamshoro**
- **BE (Mechanical Engineering)** **QUEST Nawabshah**

Achievements, Research/Publications

- I was awarded with Gold Medal for best paper presentation (Analysis of benefits of implementing Condition Based Maintenance technique in Al-Abbas Sugar mill) in P.S.S.T Annual Convention- 2015

- I was awarded for oral presentation of a research paper in 4th international conference on Energy, Environment and sustainable development (EESD-16) in MUET JAMSHORO