

**Faculty of Engineering & Technology**

**Vibration and condition Monitoring**

**Information :**

**Course Code :** MEC475

**Level :** Undergraduate

**Course Hours :** 2.00- Hours

**Department :** Mechatronics Engineering

**Instructor Information :**

Title	Name	Office hours
Professor	Hassan Ahmed Ahmed Mohamed Metered	

**Description :**

Introduction to Vibration Practical Application and major applications, Vibration Principles, Vibration Control, Vibration Isolation Fault detection techniques, Vibration as a Fault detection and diagnosis technique, Vibration Measurements and analysis, use of Vibration as a machinery condition monitoring