



**Akbar Allahverdizadeh**

Assistant Professor

College: Mechanical Engineering

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### Research Fields:

#### Mechanical / Mechatronics Engineering

1. Vibration and Noise Control of Macro and Micro Electromechanical System
2. Modal Analysis
3. Modeling and Analysis of Smart Materials and Structures
4. Measurement, Instrumentation and Automation Systems
5. Identification and Condition Monitoring Using Artificial Intelligence, Machine Learning and Machine Vision

#### Medical Engineering / Biomechanical Engineering

1. Design, Modeling, Simulation and Analysis of Biomechanical / Bioelectrical Systems
2. Instrumentation in Biological Systems