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AIM AND SCOPE

The aim of the Journal of Modares Mechanical Engineering is to provide an area for the publication and dissemination of original work that contributes to the understanding of the main and related disciplines of mechanical engineering. It focuses on both analytical and experimental research, with an emphasis on contributions which increase the basic understanding in Mechanical Engineering and their application to engineering problems. The Journal covers the whole spectrum of mechanical engineering, which includes, but is not limited to, Thermal Engineering and Fluids Engineering, Aerospace engineering, Production Engineering, Dynamics, Vibration, Control, Materials and Design Engineering. Manuscripts may fall into several categories including original research articles, reviews, research notes and technical notes related to the core of mechanical engineering. It is hoped that this journal will prove to be an important factor in raising the standards of discussion, analyses, and evaluations related to mechanical engineering. All manuscripts with significant research results in the areas of Mechanical Engineering and their application are welcome.

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Casting
Computational Fluid Dynamic (CFD)
Characterization
Kinematics & Mechanics
Combined Heat & Power Systems
Composites

Compressible Flow
Control
Crimp
Damage Mechanics
Dynamics
Elasticity & Plasticity
Energy in Buildings
Energy Systems Management
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Experimental Fluid Mechanics
Fatigue & Failure
Finite Elements Method
Fluids Machines
Fuel Cell
Gas Dynamics
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Impact Mechanics
Industrial Manufacturing
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