سخنران: عاطف زاهدی
مدیر کلیه‌ی برنامه‌ریزی، مهندسی مکانیک مادر
The Journal of Modares Mechanical Engineering is a multi-disciplinary, peer-reviewed journal covering all areas in mechanical engineering in Persian language with English abstract. The mission of the journal is to publish high quality work from experimental, theoretical, and computational investigations on mechanical engineering. This journal is published in 12 issues per year. All articles published by journal are made accessible online immediately upon publication, without subscription charges or registration barriers. More details can be found at: http://jme.modares.ac.ir.

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 relating to mechanical engineering. All manuscripts with significant research results in the areas of Mechanical Engineering and their application are welcome.

TOPIC INCLUDED

Published monthly by Tarbiat Modares University. Publishes Research papers in Mechanical Engineering in Persian Language with English Abstract.

Phone & Fax: +98 21 82883983
E-mail: mtej@modares.ac.ir
ISSN: 1027-5940
P.O. BOX: 14115-143, Tehran, Iran.

This Journal is indexed in the following:
www.magiran.com
www.sid.ir
www.isc.gov.ir

February 2015 | Vol. 14 No. 15

EDITOR-IN-CHIEF
Dr. Mehdi Maerefat
Department of Mechanical Engineering,
Tarbiat Modares University, Tehran, Iran

EXECUTIVE MANAGER
Prof. GholamhosseinLiaghat
Department of Mechanical Engineering,
Tarbiat Modares University, Tehran, Iran

EDITORIAL BOARD
Prof. GholamhosseinLiaghat
Department of Mechanical Engineering,
Tarbiat Modares University, Tehran, Iran

Prof. Ali Akbar Moosavian
Department of Mechanical Engineering,
K.N. Toosi University, Tehran, Iran

Dr. Nader Narimanzadeh
Department of Mechanical Engineering,
University of Guilan, Guilan, Iran

Dr. Saber AziziShirvanani
Oroumiyeh University of Technology,
Oroumiyeh, Iran

Dr. Gholamrezaalmani
Khajeh Farsi University,
Booshehr, Iran

Dr. SeyyedYaserMahmoodiLarimi
University of Cambridge
England

Dr. Amin Nikoobin
University of Semnan,
Semnan, Iran

Dr. Mohammad Ali Sanjari
Iran University of Medical Science,
Tehran, Iran

Dr. MasoudEbrahimikachoooyi
Tarbiat Modares University,
Tehran, Iran

Dr. Mohammad Reza Karafi
Tarbiat Modares University,
Tehran, Iran

Dr. KhosroNaderanTahan
ShahidChamran University,
Ahvaz, Iran

Dr. HadiPasdarshahri
Tarbiat Modares University,
Tehran, Iran

Dr. SeyyedMohammadSeiedKashi
University of Birjand,
Birjand, Iran

Dr. Mohammad Mehdi Heyhat
K.N. Toosi University
Tehran, Iran

Dr. Mehdi Maerefat
Tarbiat Modares University,
Tehran, Iran

Dr. Nader Narimanzadeh
University of Guilan,
Guilan, Iran

Dr. Mohammad Hossein Pol
University of Tafresh,
Arak, Iran

Dr. SeyyedAliRezaZolfaghari
University of Birjand,
Birjand, Iran