

Name of Journal : JOURNAL OF MACHINE DESIGN (JMD)

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AIM AND SCOPE

JMD publishes high-quality articles on experimental, numerical and theoretical investigations which give insight into the major areas of thermal engineering. This a journal devoted to the publication of fundamental studies on the physics of transfer processes in general, with an emphasis on thermal aspects and also applied research on various processes, energy systems and the environment.

TOPIC OF INTEREST

- Heat and relevant mass transfer
- Forced, natural or mixed convection
- Single or Multi-phase fluid flow
- Combined modes of heat transfer in complex systems
- Transport phenomena taking place in industrial processes
- Nano-and micro-technology for energy
- Heat transport analysis in advanced systems heat and mass transfer
- Turbulence modelling
- Combustion
- Engineering thermodynamics
- Thermo physical properties of matter
- Advanced Refrigeration and Air Conditioning
- Turbo Machines
- Fluid Power Engineering
- Renewable and Non-conventional Energy Sources
- Energy Systems
- Cryogenics
- Heat and mass transfer occurring in many processes in chemical, food
- Agricultural, metallurgical, automobile, space and aeronautical industries