

# INTERNATIONAL JOURNAL OF POWER SYSTEMS AND POWER ELECTRONICS

VOLUME 6

NUMBER 2

DECEMBER 2016

## Contents

- |                                                                                                                    |                                                                                                     |         |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------|
| Thermo Diffusion Effect on MHD Convective Heat and Mass Transfer through a Porous Medium in a Vertical Channel     | <i>C. Sulochana and Anjum Tanveer</i>                                                               | 67-84   |
| Physicochemical Properties of Two-layers Liquid Drop                                                               | <i>Ahmed Ayyad and Fathi Agra</i>                                                                   | 85-91   |
| Momentum Transfer with Coaxially Placed Entry Region Coil-Disc Assembly as Turbulence Promoter in Circular Conduit | <i>Srinivasa Kumar, C., Murali Mohan V., Kanaka Durga, V., Prabhakar, M and Rajendra Prasad, P.</i> | 93-104  |
| Estimation of Jet Velocity of Hollow Charge from the Concept of Hydrodynamic Theory                                | <i>Mohammadali Partanian and R. N. Pralhad</i>                                                      | 105-112 |
| Using Perforated Sill in Free Hydraulic Jump Basins                                                                | <i>H. K. Zare and R. E. Baddour</i>                                                                 | 113-128 |
| On MHD Boundary Layer Flow of Chemically Reacting Fluid with Heat and Mass Transfer Past a Stretching Sheet        | <i>S. Y. Ibrahim and O. D. Makinde</i>                                                              | 129-138 |
| Unsteady MHD Three Dimensional Flow of a Chemically Reacting and Radiating Fluid with Suction                      | <i>J. Prakash</i>                                                                                   | 139-155 |
| Axi-symmetric Ferrofluid Flow with Rotating Disk in a Porous Medium                                                | <i>Paras Ram, Anupam Bhandari and Kushal Sharma</i>                                                 | 157-167 |

11  
284