

Table of Contents

International Journal of Decision Support System Technology

Volume 11 • Issue 4 • October-December-2019 • ISSN: 1941-6296 • eISSN: 1941-630X

An official publication of the Information Resources Management Association

Special Issue on Recent Trends in Intelligent Decision-Making Approaches for Sustainability Modeling

Guest Editorial Preface

- iv Prasenjit Chatterjee, Department of Mechanical Engineering, MCKV Institute of Engineering, Howrah, India
Morteza Yazdani, Department of Business and Management, Universidad Loyola, Seville, Spain

Research Articles

- 1 **Comparative Analysis of MCDM Methods for the Evaluation of Optimum Green Energy Sources: A Case Study**
Chiranjib Bhowmik, Faculty of Engineering and Technology, Parul Institute of Engineering and Technology, Parul University, Vadodara, Gujarat, India
Sreerupa Dhar, MCKV Institute of Engineering, Howrah, India
Amitava Ray, Jalpaiguri Government Engineering College, Jalpaiguri, India
- 29 **Social, Environmental and Economic Impacts of Adopting Clean Energy Use**
Muhammad Razi, GIK Institute of Engineering Sciences and Technology, Topi, Pakistan
Yousaf Ali, GIK Institute of Engineering Sciences and Technology, Topi, Pakistan
- 50 **Analysis of Micro-EDM Process of D3 Die-Steel Employing NaNO₃ Mixed Deionised Water-An Optimal Approach**
Golam Kibria, Aliah University, Kolkata, India
Ishwer Shivakoti, Sikkim Manipal Institute of Technology, Majitar, India
B.B. Pradhan, Sikkim Manipal Institute of Technology, Majitar, India
- 67 **Intelligent Decision-Making Approaches for Agricultural Sectors of Odisha in India**
Debesh Mishra, KIIT Deemed to be University, Bhubaneswar, India
Suchismita Satapathy, KIIT Deemed to be University, Bhubaneswar, India
- 96 **Application of ANFIS for the Selection of Optimal Wire-EDM Parameters While Machining Ti-6Al-4V Alloy and Multi-Parametric Optimization Using GRA Method**
Sandeep Kumar, Department of Mechanical Engineering, M. Kumarasamy College of Eng., Karur, India
S. Dhanabalan, Department of Mechanical Engineering, M. Kumarasamy College of Eng., Karur, India
C. S. Narayanan, Department of Production Engineering, Trichy, India

COPYRIGHT

The **International Journal of Decision Support System Technology (IJDSST)** (ISSN 1941-6296; eISSN 1941-630X), Copyright © 2019 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The *International Journal of Decision Support System Technology* is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); DBLP; GetCited; Google Scholar; INSPEC; JournalTOCs; MediaFinder; Norwegian Social Science Data Services (NSD); SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory; Web of Science; Web of Science Emerging Sources Citation Index (ESCI)