

Table of Contents

International Journal of Information System Modeling and Design

Volume 11 • Issue 1 • January-March-2020 • ISSN: 1947-8186 • eISSN: 1947-8194

Guest Editorial Preface

- v **Special Issue on Innovations in System Design and Methodologies**
Anuj Kumar Gupta, College of Engineering, Chandigarh Group of Colleges, Mohali, India
Florin Popentiu-Vlădicescu, University Politehnica of Bucharest, Romania

Research Articles

- 1 **The Design of Power Security Defense System Based on Resource Pool Cloud Computing Technology**
Dang Nan, ShangLuo University, Shangluo, China
- 12 **A Proficient Approach for Load Balancing in Cloud Computing-Join Minimum Loaded Queue: Join Minimum Loaded Queue**
Minakshi Sharma, Maharishi Markandeshwar Engineering College, Maharishi Markandeshwar Deemed to be University, Ambala, India
Rajneesh Kumar, Maharishi Markandeshwar Deemed to be University, Ambala, India
Anurag Jain, Virtualization Department, School of Computer Science, University of Petroleum and Energy Studies, Dehradun, India
- 37 **Multimodal Biometric Based on Fusion of Ridge Features with Minutiae Features and Face Features**
Law Kumar Singh, Hindustan College of Science and Technology, Mathura, India
Munish Khanna, Hindustan College of Science and Technology, Mathura, India
Hitendra Garg, GLA University, Mathura, India
- 58 **A Set of Usability Heuristics and Design Recommendations for Higher Education Institutions' Websites**
Bhim Sain Singla, College of Engineering and Management, Punjabi University, Punjab, India
Himanshu Aggarwal, Punjabi University, Punjab, India
- 74 **Volumetric Estimation of the Damaged Area in the Human Brain from 2D MR Image**
P Naga Srinivasu, Gitam University, Visakhapatnam, India
T Srinivasa Rao, Gitam University, Visakhapatnam, India
Valentina Emilia Balas, Aurel Vlaicu University of Arad, Arad, Romania
- 93 **A Blur Classification Approach Using Deep Convolution Neural Network**
Shamik Tiwari, School of Computer Science, University of Petroleum and Energy Studies, Dehradun, India

COPYRIGHT

The **International Journal of Information System Modeling and Design (IJISMD)** (ISSN 1947-8186; eISSN 1947-8194), Copyright © 2020 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 Information System Modeling and Design* is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); DBLP; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; 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)