

# Information Resources Management Journal

April-June 2015, Vol. 28, No. 2

## Table of Contents

### GUEST EDITORIAL PREFACE

- IV *Vishal Bhatnagar, Department of Computer Science and Engineering, Ambedkar Institute of Advance Communication Technologies & Research, New Delhi, India*

### RESEARCH ARTICLES

- 1 **General Characterization of Classifications in Rough Set on Two Universal Sets**  
*Tapán Kumar Das, School of Information Technology and Engineering, VIT University, Vellore, India*  
*Debi Prasanna Acharjya, School of Computing Sciences and Engineering, VIT University, Vellore, India*  
*Manas Ranjan Patra, Department of Computer Science, Berhampur University, Brahmapur, India*
- 20 **A Novel Ammonic Conversion Algorithm for Securing Data in DNA using Parabolic Encryption**  
*Shipra Jain, Ambedkar Institute of Advance Communication Technologies & Research, New Delhi, India*  
*Vishal Bhatnagar, Ambedkar Institute of Advance Communication Technologies & Research, New Delhi, India*
- 32 **Analysis of Stock Volatility Clustering Using ANN**  
*Manish Kumar, Indian Institute of Information Technology, Allahabad, India*  
*Santanu Das, International Management Institute, Bhubaneswar, India*  
*Sneha Govil, IBM, Allahabad, India*
- 46 **Need of Intelligent Search in Dynamic Social Network**  
*Shailendra Kumar Sonkar, Department of Computer Science and Engineering, National Institute of Technical Teacher's Training and Research, Chandigarh, India*  
*Vishal Bhatnagar, Department of Computer Science and Engineering, Ambedkar Institute of Advanced Communication Technologies and Research, New Delhi, India*  
*Rama Krishna Challa, Department of Computer Science and Engineering, National Institute of Technical Teacher's Training and Research, Chandigarh, India*

### Copyright

The **Information Resources Management Journal (IRMJ)** (ISSN 1040-1628; eISSN 1533-7979), Copyright © 2015 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 *Information Resources Management Journal* is indexed or listed in the following: ABI/Inform; ACM Digital Library; Aluminium Industry Abstracts; Australian Business Deans Council (ABDC); Bacon's Media Directory; Burrelle's Media Directory; Cabell's Directories; Ceramic Abstracts; Compendex (Elsevier Engineering Index); Computer & Information Systems Abstracts; Corrosion Abstracts; CSA Civil Engineering Abstracts; CSA Illumina; CSA Mechanical & Transportation Engineering Abstracts; DBLP; DEST Register of Refereed Journals; EBSCOhost's Business Source; EBSCOhost's Computer & Applied Sciences Complete; EBSCOhost's Computer Science Index; EBSCOhost's Current Abstracts; EBSCOhost's Library/Information Science & Technology Abstracts with FullTEXT; Electronics & Communications Abstracts; Emerald Abstracts; Engineered Materials Abstracts; Gale Directory of Publications & Broadcast Media; GetCited; Google Scholar; INSPEC; Internet & Personal Computing Abstracts; ISBIB; JournalTOCs; KnowledgeBoard; Library & Information Science Abstracts (LISA); Library Literature & Information Sciences; Materials Business File - Steels Alerts; MediaFinder; Norwegian Social Science Data Services (NSD); PubList.com; SCOPUS; Solid State & Superconductivity Abstracts; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory