## **Table of Contents**

# **Journal of Cases on Information Technology**

Volume 21 • Issue 2 • April-June-2019 • ISSN: 1548-7717 • eISSN: 1548-7725

An official publication of the Information Resources Management Association

### Special Issue on Emerging Trends in Infocom Technology and Management

#### **Guest Editorial Preface**

iv Deepak Kumar, Amity University, Noida, India

#### **Research Articles**

#### 1 Modelling Fault Detection Using SRGM in Agile Environment and Ranking of Models

Abhishek Srivastava, Amity School of Engineering and Technology, Amity University, New Delhi, India P. K. Kapur, Amity Centre for Interdisciplinary Research, Amity University, Noida, India Deepti Mehrotra, Amity School of Engineering and Technology, New Delhi, India Rana Majumdar, Amity School of Engineering and Technology, New Delhi, India

#### 21 Measuring and Exploring Factors of Shared Leadership in the Context of Indian IT Sector

Alka Agnihotri, AIBS, Amity University, Noida, India Shikha Kapoor, AIBS, Amity University, Noida, India

## 39 Measuring Severity of Attributes That Create Vulnerabilities in Websites and Software Applications Using Two Way Assessment Technique

Swati Narang, Amity Institute of Information Technology, Amity University, Noida, India P.K. Kapur, Amity Centre for Interdisciplinary Research, Amity University, Noida, India D. Damodaran, Center for Reliability, Government of India, Delhi, India

### 51 An Early Multi-Criteria Risk Assessment Model: Requirement Engineering Perspective

Priyanka Chandani, Department of Computer Science and Information Technology, Jaypee Institute of Information Technology, Noida, India

Chetna Gupta, Department of Computer Science and Information Technology, Jaypee Institute of Information Technology, Noida, India

### 65 E-Satisfaction Estimation: A Comparative Analysis Using AHP and Intuitionistic Fuzzy TOPSIS

Kumari Anshu, Amity University, Noida, India Loveleen Gaur, Amity University, Noida, India

#### 88 Analysis and Comparison of Neural Network Models for Software Development Effort Estimation

Kamlesh Dutta, Department of CSE, National Institute of Technology, Hamirpur, India Varun Gupta, Amity School of Engineering and Technology, Amity University, Noida, India Vachik S. Dave, Department of CSE, National Institute of Technology, Hamirpur, India

#### **COPYRIGHT**

The Journal of Cases on Information Technology (JCIT) (ISSN 1548-7717; eISSN 1548-7725), 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 Journal of Cases on Information Technology is indexed or listed in the following: ABI/Inform; ACM Digital Library; Aluminium Industry Abstracts; Australian Business Deans Council (ABDC); 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; Electronics & Communications Abstracts; Engineered Materials Abstracts; Gale Directory of Publications & Broadcast Media; GetCited; Google Scholar; Information Science Abstracts; INSPEC; JournalTOCs; KnowledgeBoard; Library & Information Science Abstracts (LISA); 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 Informed Librarian Online; The Standard Periodical Directory; Ulrich's Periodicals Directory; Web of Science; Web of Science Emerging Sources Citation Index (ESCI)