

Table of Contents

International Journal of Technology Diffusion

Volume 9 • Issue 1 • January-March-2018 • ISSN: 1947-9301 • eISSN: 1947-931X

An official publication of the Information Resources Management Association

Special Issue on the Role of Smart Technologies and Diffusion

Guest Editorial Preface

- iv Deepshikha Bhargava, Amity Institute of Information Technology, Amity University, Jaipur, India
Ramesh C. Poonia, Amity Institute of Information Technology, Amity University, India

Research Articles

- 1 **Information Retrieval System: An Overview, Issues, and Challenges**
Ram Kumar, Computer Science and Engineering Discipline, DPT, IIT Roorkee, Roorkee, India
S. C. Sharma, Computer Science and Engineering Discipline, DPT, IIT Roorkee, Roorkee, India
- 11 **Multi Language Text from an Image to English Translation**
Urmila Shrawankar, GHRCE, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, India
Achint Kaur, Birla Corporation Limited, Kolkata, India
- 28 **Finger Spelling in Air System for Deaf and Dumb**
Urmila Shrawankar, GHRCE, RTM Nagpur University, Nagpur, India
Shruti Gedam, Govt. College of Engineering, Amravati, India
- 45 **Cross-Platform Mobile Development Framework Based on MDA Approach**
Charkaoui Salma, Faculty of Sciences Ben M'sik, University Hassan II, Casablanca, Morocco
Marzak Abdelaziz, Faculty of Sciences Ben M'sik, University Hassan II, Casablanca, Morocco
El Habib Ben Lahma, Faculty of Sciences Ben M'sik, University Hassan II, Casablanca, Morocco
Abdelbaki Issam, Faculty of Sciences Ben M'sik, University Hassan II, Casablanca, Morocco

COPYRIGHT

The **International Journal of Technology Diffusion (IJTD)** (ISSN 1947-9301; eISSN 1947-931X), Copyright © 2018 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 Technology Diffusion* is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; DBLP; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; The Standard Periodical Directory; Ulrich's Periodicals Directory