Table of Contents

International Journal of Business Analytics

Volume 7 • Issue 1 • January-March-2020 • ISSN: 2334-4547 • eISSN: 2334-4555

Guest Editorial Preface

v Special Issue on Smart Supply Chain Network Design to Empower Industry 4.0
Surajit Bag, Supply Chain Department, Tega Industries Africa Pty Ltd, Brakpan, South Africa

Research Articles

- Industry 4.0 and Supply Chain Management: A Methodological Review Pavitra Dhamija, University of Johannesburg, Johannesburg, South Africa Monica Bedi, Panjab University, Chandigarh, India M.L. Gupta, PEC University of Technology, Chandigarh, India
- 24 Digitalization of Interlocking System to Optimize Logistics in Railway Transportation Sipho Nzama, University of Johannesburg, Johannesburg, South Africa Arnesh Telukdarie, University of Johannesburg, Johannesburg, South Africa
- 37 Different Flexibilities of 3D Scanners and Their Impact on Distinctive Applications: An Analysis

Mohd Javaid, Department of Mechanical Engineering, Jamia Millia Islamia, New Delhi, India Abid Haleem, Department of Mechanical Engineering, Jamia Millia Islamia, New Delhi, India Shahbaz Khan, Department of Mechanical Engineering, Jamia Millia Islamia, New Delhi, India Sunil Luthra, State Institute of Engineering & Technology (Formerly known as Government Engineering College), Haryana, India

54 Logistics Optimisation: A Cyber Physical Model

Chuks Nnamdi Medoh, University of Johannesburg, Johannesburg, South Africa Arnesh Telukdarie, University of Johannesburg, Johannesburg, South Africa

77 A Review on the Research Growth of Industry 4.0: IIoT Business Architectures Benchmarking

Anoop Kumar Sahu, Department of Mechanical Engineering, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, India Atul Kumar Sahu, Department of Industrial and Production Engineering, Guru Ghasidas Vishwavidyalaya, India Nitin Kumar Sahu, Department of Industrial and Production Engineering, Guru Ghasidas Vishwavidyalaya, India

98 Logistics 4.0 Energy Modelling

Megashnee Munsamy, Mangosuthu University of Technology, Umlazi, South Africa Arnesh Telukdarie, University of Johannesburg, Johannesburg, South Africa Pavitra Dhamija, University of Johannesburg, Johannesburg, South Africa

COPYRIGHT

The International Journal of Business Analytics (IJBAN) (ISSN 2334-4547; eISSN 2334-4555), 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. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The International Journal of Business Analytics is indexed or listed in the following: Cabell's Directories; Google Scholar; INSPEC; SCOPUS; Web of Science Emerging Sources Citation Index (ESCI)