

# *Review of Business & Technology Research*

Volume 12, Number 1, September 2015

ISSN: 1941-9414

## **Editor-in-Chief:**

**Dr. Dinesh K. Sharma**, University of Maryland Eastern Shore, USA

## **Editors:**

**Dr. Aaron R. Rababaah**, University of Maryland Eastern Shore, USA

**Dr. Kamal N. Agarwal**, Howard University, USA

## **Editorial Board:**

**Dr. Ayodele J. Alade**  
University of Maryland Eastern Shore, USA

**Dr. Jeanann Boyce**  
Montgomery College, MD, USA

**Dr. R. D. Pathak**  
University of South Pacific, Suva, Fiji

**Dr. Tekin Akgeyik**  
Istanbul University, TURKEY

**Dr. Ajantha Herath**  
University of Doboque, USA

**Dr. Detelin Elenkov**  
University of Tennessee, USA

**Prof. Tekin Akgeyik**  
Istanbul University, TURKEY

**Dr. Hari Sharma**  
Virginia State University, USA

**Dr. Suvineetha Herath**  
University of Doboque, USA

**Dr. Aysar Philip Sussan**  
University of Central Florida, USA

**Dr. Rakesh Belwal**  
Addis Ababa University, Ethiopia

**Dr. Dharam S. Rana**  
Jackson State University, Mississippi, USA

**Dr. Reena Aggarwal**  
Georgetown University, USA

**Dr. Ashish Gadekar**  
Amity Institute of Higher Education, Mauritius

**Dr. Dale R. Wilson**  
Michigan State University, USA

**Dr. Sadanand Srivastava**  
Bowie State University, USA

**Dr. Zafar Zahir**  
Synetic Business School, INDIA

**Dr. Daniel I. Okunbor**  
Fayetteville State University, USA

**Dr. K. N. Singh Kang**  
Punjab College of Technical Education, INDIA

**Dr. David King**  
Tennessee State University, USA

**Dr. Monisha Das**  
University of Maryland Eastern Shore, USA

**Dr. Kate Brown**  
University of Maryland Eastern Shore, USA

**Dr. H.S. Hota**  
Bilaspur University, INDIA

**Dr. Sujeet Sharma**  
Sultan Qaboos University, Sultanate of Oman

**Dr. David Anyiwo**  
Bowie State University, USA

**Dr. Mohammed Nadeem**  
National University, USA

# *Review of Business & Technology Research*

## **Editorial Notes**

We are pleased to present this issue of the Review of Business and Technology Review (RBTR), Volume 12, No. 1, September 2015. The views reflected in this publication are those of authors and do not necessarily reflect the views and policies of MTMI Inc. We do not guarantee the accuracy of data included in this publication and accept no responsibility for any consequence of their use. Use of the term ‘country’ does not imply any judgment by authors, MTMI Inc. as to legal or other status of any territorial entity.

We would like to acknowledge reviewers who have helped to review the manuscripts submitted to this volume. We also thank the editorial board of RBTR, the Department of Business, Management and Accounting at the University of Maryland Eastern Shore, as well as, MTMI Inc. for their support. Without their meaningful contributions and volunteerism, this issue of RBTR would not be possible.

Dr. Dinesh K. Sharma, Editor-in-Chief  
Dr. Aaron R. Rababaah, Editor  
Dr. Kamal N. Agarwal, Editor

# Review of Business & Technology Research

Volume 12, Number 1, September 2015

ISSN: 1941-9414

## TABLE OF CONTENT

1. Statistical Analysis of Performance of Batsmen in Cricket [ <a href="#">Click to open</a> ] ( <i>Sujeet K Sharma, Ayodele Julius Alade, Srikrishna M. Govindaluri</i> ).....	1
2. Teacher Job Satisfaction Revisited [ <a href="#">Click to open</a> ] ( <i>Loveleen Chawla, P. K. Gupta</i> ).....	5
3. Readiness of Start-Up Companies Towards Enterprise Resource Planning (ERP) in Cyprus [ <a href="#">Click to open</a> ] ( <i>Navulur Krishna Surarchith</i> ).....	9
4. Design of Questionnaire Tool for Analytical Study of Lean - Green Manufacturing Practices in Pune (India) [ <a href="#">Click to open</a> ] ( <i>Ashish Gadekar, Minhaj Ahemad, P. K. Gupta, Rimalini Gadekar</i> ).....	14
5. Implementation of an Optimal Load Balancing Algorithm for Star Network Configurations [ <a href="#">Click to open</a> ] ( <i>Satish Penmatsa</i> ) .....	20
6. Work-Family Conflict and Emotion Regulation as Determinants of Burnout Among Employees of Selected Banks in Ibadan, Nigeria [ <a href="#">Click to open</a> ] ( <i>Kayode Adeniyi Adesoye, Johnson Tunde Oyeleke</i> ).....	24
7. An Investigation into the Financial Robustness of Asia [ <a href="#">Click to open</a> ] ( <i>Shailly Nigam</i> ).....	29
8. Cloud Computing in Smarter Homes: Enablement of Internet of Things [ <a href="#">Click to open</a> ] ( <i>Dinesh K. Sharma, Nitin Chawla, Deepak Kumar</i> ).....	34
9. Impact of E-Commerce on Performance Index of Business [ <a href="#">Click to open</a> ] ( <i>Namrata Agrawal</i> ).....	40
10. A Fuzzy Qfd to Recognize the Fundamentals of Sustainability Education [ <a href="#">Click to open</a> ] ( <i>Saed T. Amer, Jaby Mohammed</i> ).....	61
11. Analysis of Technology Acceptance Model (TAM) in Students' Perception Towards Behavioral Intention to Use E-Learning: A Case Study of a Private University in Erbil [ <a href="#">Click to open</a> ] ( <i>Govand Anwar</i> ).....	67

12. Valuing a Real Estate Investment Trust [ <a href="#">Click to open</a> ] (Londre Hankins, Wheeler REIT, Carl B. McGowan).....	72
13. LI-FI: The Future of High Speed Internet Access [ <a href="#">Click to open</a> ] (Amber K. Hisaw, Young B. Choi).....	77
14. Designing an Analytic Hierarchy Process and Goal Programing Based Decision Support System for Portfolio Management [ <a href="#">Click to open</a> ] (Dinesh K. Sharma, H.S. Hota, Deepika Sharma).....	83
15. Modern Technological Influence [ <a href="#">Click to open</a> ] (Thomas St. John, Brandon Moloney) .....	87
16. The Effectiveness of Information and Communication Based Tools for Issuing the Driving License and Learning Driving Etiquettes [ <a href="#">Click to open</a> ] (Vishal Kaushik, Durgesh Sharma, Ishani Sarkar) .....	90
17. Information Filtering on Social Media Sites to Avoid Communal and Political Issues [ <a href="#">Click to open</a> ] (Vishal Kaushik, Akshay Toshniwal, Durgesh Sharma) .....	95
18. SOHO: Information Security Awareness in the Aspect of Policy [ <a href="#">Click to open</a> ] (Jason Maurer, Brandon Clark, Young B. Choi).....	99
19. Consequences of Ethics Misconduct and Global Marketing in the 21st Century [ <a href="#">Click to open</a> ] (Dandeson D. Panda, Rosamond E. Panda).....	105
20. Traditional and E-Textbook Purchaing Behavior Among African-American College Students [ <a href="#">Click to open</a> ] (Bhagaban Panigrahi, Ranjita Misra).....	108
21. Student Perceptions About Collegiate Ethics: What We Can Learn From Our Students [ <a href="#">Click to open</a> ] (Pam Pringle, Sally Sledge).....	112
22. Analysis of Wind Turbine Gearbox Sensor Data [ <a href="#">Click to open</a> ] (Aaron Rababaah, Brian C. Miller, Avinash Dudi).....	116
23. A 3D Graphical Approach for Visualizing Data Structures and Algorithms [ <a href="#">Click to open</a> ] (Aaron Rababaah, Brian C. Miller, Rakesh Joshi).....	121
24. Cybercrime Trends and Impacts: Analysis of the Charged Cybercrime Cases [ <a href="#">Click to open</a> ] (Azene Zenebe, David Anyiwo).....	127

25. Design and Development of Single Platform for Interconnected Communication Network [[Click to open](#)]  
(*Vishal Kaushik, Rakesh K. Sharma, Ram Mohan Mishra, Devanshi Nigam*).....133
26. AENASA: A Novel Approach Towards World ICT Prosperity with Multilingual Keyboard Localized for Global Languages [[Click to open](#)]  
(*Vishal Kaushik, Rakesh K. Sharma, Neha Jain*).....138