Introduction

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Biographical notes: Samarjeet Borah is currently working as a Professor in the Department of Computer Applications, Sikkim Manipal University (SMU), Sikkim and India. He handles various academics, research and administrative activities. He is also involved in curriculum development activities, board of studies, doctoral research committee, IT infrastructure management, etc. along with various administrative activities under SMU. He is involved in three funded projects in the capacity of principal investigator/co-principal investigator which are sponsored by AICTE (Government of India), DST-CSRI (Government of India) and Dr. TMA Pai Endowment Fund out of which one is completed and two are undergoing.

A. Jayanthiladevi is awarded the much-coveted PhD degree for her excellent work on spectrum efficiency in wireless networks. She has been steadfast and sincere in bringing forth pioneering research publications in her research topics. She has published several highly impactful research publications in Science Citation Index (SCI) and Scopus indexed journals. She has presented her discoveries and research contributions in various such as Springer, IEEE and ACM international conferences and journals. She has acquired solid and significant experiences and expertise on the wireless communication area. She is an editor for a few highly popular peer-reviewed SCI and Scopus journals.

The special issue includes a selection of articles submitted in response to the call for papers. After the review, five articles listed below were selected:

1 'Fuzzy association rule mining for economic development indicators'

2 'Clustering of text documents with keyword weighting function'

3 'Heterogeneous network security management'

4 'Integrating the power of social media dataset impact in medical diagnosis'

5 'Design of interleaved flyback converter'.

Several potential next steps in improving effective research strategies are highlighted and new directions are suggested to overcome the resulting research challenges to implementing best practices for meta-analysis of new research findings. The use of better analytic approaches and experimental methods will help advance new areas of research findings based on reviewers' comments. We are very grateful to Inderscience Publishers for consideration of this special issue in the *International Journal of Intelligent Enterprise* and we express our heartfelt thanks to the Editor, Vipul Jain, the Journal Manager, Janet Marr, the reviewers and the authors for their contributions of this special issue.

Thank you very much. Have a good time everyday!