

#### **Editor / Author in Book**

- Editor, Arunkumar, Shantharajah.S.P., Padma.T, Book chapter on “Intelligent Pervasive Computing Systems for Smarter Healthcare”, WILEY Publications, (Accepted-2019).
- Padma.T., Mir.S.A., Shantharajah.S.P., “Intelligent Decision Support System For An Integrated Pest Management In Apple Orchard”, book chapter on Intelligent Decision Support Systems for Sustainable Computing, Springer Publishers, pp. 225-245, March-2017.
- Shantharajah.S.P., Ramkumar.T., Balakrishnan.N., “An Image De-Noising Method Based on Intensity Histogram Equalization Technique for Image Enhancement”, Book Chapter on Advanced Image Processing Techniques and Applications, IGI Global Publications, pp.121-132, Jan-2017.
- Padma.T., SP.Shantharajah, Shabir Ahmad Mir, “Plantation Land Segmentation For An Orchard Establishment Using Fuzzy AHP” – Book Chapter on Fuzzy Analytic Hierarchy Process, “Taylor & Francis Group, CRC Press”, pp.347-370, Sep-2017.
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#### **Journal Publications**

- Kalaivani.S, Shantharajah.S.P, Padma.T, ”Agricultural leaf blight disease segmentation using indices based histogram intensity segmentation approach”, Multimedia Tools and Applications (Springer), pp.1-15, Jan 2019.
- C.B.Gokulnath, S.P.Shantharajah, “Optimal body mass index cutoff point for cardiovascular disease and high blood pressure”, Neural Computing and Applications (Springer), pp.1-10, 2018.
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- C.B.Gokulnath, S.P.Shantharajah, “An optimized feature selection based on genetic approach and support vector machine for heart disease”, Cluster Computing (Springer), pp.1-11, March 2018.
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- Devi.L, Shantharajah.S.P, “Secure medical data transmission by using collaborative neighbour based method in WBAN”, World Review of Science, Technology and Sustainable Development (Inderscience Publications), Vol. 14, No.1 pp. 29 - 33, June 2018.

- S.Uma, S.P.Shantharajah, C.Rani, "Passive Incidental Alertness—Based Link Visualization for Secure Data Transmission in Manet", *Journal of Applied Security Research*, Vol.12, No.2, pp.304-322, April-2017.
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#### **Reviewer / Editorial Board**

##### **Reviewer:**

- Editor, Intelligent Pervasive Computing Systems for Smarter Healthcare - E-Health: Bio Sensors, (to be published by) Wiley Publications, 2019.
- International Journal of Enterprise Network Management (IJENM) - Inderscience Publications ISSN: 1748-1252
- International Journal of Information and Communication Technology (IJICT) - Inderscience Publications-ISSN print: 1466-6642
- International Journal of Ad Hoc and Ubiquitous Computing -Inderscience Publishers- ISSN print: 1743-8225
- International Journal of Advancements in Computing Technology -ISSN : 2005-8039.
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#### **Conference Paper Presentations**

- “A fusion of A-B MAP Cipher and ASET algorithms for the enhanced security and robustness in audio steganography”, International Conference on Recent Trends in Information Technology (ICRTIT), 3-5 June 2011, pp.205 – 210. ISBN:978-1-4577-0588-5, Chennai.
- “Performance analysis of query related user profiling for web search”, International Conference on Pattern Recognition, Informatics and Medical Engineering (PRIME), IEEEExplore, pp 317 - 321, 21-22 Feb 2013. – ISBN: 978-1-4673-5843-9 Periyar University.
- “Enhanced performance features — IEEE 802.16 compared to other wireless technologies, 3rd International Conference on Electronics Computer Technology (ICECT), pp.356–358, ISBN:978-1-4244-8679-3, Kanyakumari, April 2011.
- Key Management and Distribution for Authenticating Group Communication, First International Conference on Industrial and Information Systems, ISBN:1-4244-0322-7, pp. 133 – 137, Peradaniya University, Srilanka, August- 2006. (Best Paper award).

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- “Frequent Pattern Mining using Tree Projection Algorithm”, International Conference on emerging Trends in Science , Engineering, Business and Disaster Management, ISSN:0973- 2993, Vol.8,Issue-IV, pp.224-229, Feb-2014.
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- “Large Scale Login Attempts before being Challenged with an ATT”, International Conference on Recent Advancements in Engineering & Technology, SSM Institute, 19-April 2013.
- “Frequent Itemset Mining using Transaction Mapping Algorithm”, IEEE International Conference on Circuit, Power and Computing Technologies, Department of Electrical and Electronics Engineering, March 21st , 2014. (Published in Digital Xplorer)
- “Image Processing for differently able Persons using Tactile Images”, International Conference on Innovative Computing and Information Processing, 29-31 March 2012.
- “DDoS Attack Taxonomy – A Novel Survey”, National Conference on Image Processing, Pattern Recognition and Computational Intelligence, Kumaraguru College of Technology, Coimbatore, March 2014.
- “Frequent Pattern Mining Using Lexicographic Tree Representation”, IEEE International Conference on Computing, Electronics and Electrical Technologies, Noorul Islam Institutions, March-2014.
- “A comparative study of routing protocols and security mechanisms in Mobile Ad hoc (MANET) and vehicular Ad hoc networks (VANET)”, National Conference on Emerging Technologies in Communication, Computation and IT, ISBN:978-81-906270-7-8, pp. 210-216, March-2010.
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- “Mutual Authentication Protocol For Safer Communication”, International Conference on Multilingual Computing and Information Management in Networked Digital Environment, ISBN 81-902079-0-3, INFLIBNET & Cochin University, 2-4 February 2005.
- “Cryptography Authentication Protocol for Safer transmission”, National conference on Recent Trends in Advanced Computing, Coimbatore, 6th October 2005.