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**Area of specialization:** Wireless Networks, Data Mining

**List of Publications**

1. Marimuthu. T and **V.Balamurugan**, *Mining Association Rules in Dengue Gene Sequence with Latent Periodicity*, Computational Biology Journal, Hindawi Publishing Corporation, 2015, vol. 2015, pp. 1–10, 2015 (**Scopus** Indexed).
2. A. Srinivasan and **V. Balamurugan**, *Occlusion detection and image restoration in 3D face image*, In proc. of TENCON 2014, Bangkok, Thailand, 2014, pp. 1-6, (Anna University **Annexure 2** List)
3. A. Hemalatha and **V.Balamurugan** “*Performance Analysis on Discrete Wavelet and Curvelet Transform in Histology Image Retrieval*” International journal of current engineering and technology, 2014, vol. 4. Issue 3, ISSN 2347-5161.
4. A. Srinivasan and **V.Balamurugan**, “*A Novel Approach for Developing Face Recognition System using Sparse Representation*”, Int. journal of advanced research in computer science and software engineering, 2014, vol. 4, Issue 2, pp. 208–221.
5. A. Srinivasan and **V.Balamurugan**, “*A Novel Approach for Facial Feature Extraction in Face Recognition*”, **Springer** international publishing, advances in intelligent systems and computing, series volume 249, ICT and critical infrastructure: proceedings of the 48th annual convention of computer society of India, 2014, vol. II, pp. 155–162.
6. **V.Balamurugan**, T. Marimuthu, “*Mining the Amino Acid Dominance in Gene Sequences*”, Indian Journal of Science & Technology, 2015, vol. 8, no. 14, pp. 1–11. ISSN (Print): 0974-6846, ISSN (Online): 0974-5645 (**Scopus** Indexed)
7. T. Marimuthu, **V.Balamurugan**, “*A Novel Bio-Computational Model For Mining The Dengue Gene Sequences*”, International Journal of Computer Engineering & Technology (IJCET), 2015, vol. 6, Issue 10, pp. 17-33.