Editorial

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Biographical notes: Gnanou Florence Sudha is currently a Professor and Head in Electronics and Communication Engineering in Pondicherry Engineering College, Puducherry, India. She has completed BTech and MTech in Electronics and Communication Engineering and PhD in Image Processing. She has 25 years of teaching and research experience. She was a recipient of awards for outstanding academic performance. She has published in many indexed international journals and conferences. She is a member of the IEEE, ISTE, Optical and Biomedical Society of India. She has completed research projects and is reviewer for several reputed journals. Her areas of research are signal processing and biomedical engineering.

R. Gunasundari is currently a Professor in Electronics and Communication Engineering, Pondicherry Engineering College, Puducherry, India. Her research is in sensor networks, internet of things, communication and computing and biomedical engineering. She is recipient of best paper awards' for technical papers presented in international conferences and has authored a book titled *Fault Tolerant Micro Mobility Protocols – Technology and Protocols for Wireless Networks*. She has organised several short-term courses focused mainly to train faculties and students of engineering colleges. She has published in several indexed journals and conferences. Currently, she is involved in collaborative research in energy efficient communication and healthcare applications.

P. Dananjayan is currently a Vice Chancellor at St. Peter's Institute of Higher Education and Research, Chennai, India. Formerly, he was Professor in Electronics and Communication Engineering, Pondicherry Engineering College. He has teaching and research experience of 35 years. He has authored many books and has publications in international journals and conferences. He is member of editorial boards and reviewer of international journals. He was Visiting Professor to AIT, Thailand and has visited several countries for chairing technical sessions. He is a life member of CSI, ISTE and Institution of Engineers. His research interests are wireless communication, ad-hoc and sensor networks.

With the increased number of processing systems being used in wireless system design, newer and improved nature inspired computational methods are being developed. The objective of this special issue is to address the advances and recent developments in various computational intelligence techniques for the design of wireless communication

systems. The special issue focuses on the latest advances in theory and methodologies of computational intelligence techniques such as neural networks, fuzzy systems, evolutionary algorithms, hybrid intelligent systems, and other machine learning methods and their application for optimisation, decision making and problem solving in mobile and wireless communication networks. This special issue titled 'Intelligence in communication systems' lays emphasis on applications of computational intelligence techniques to design efficient and optimised wireless communication systems.