
Editorial

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Biographical notes: G. Ranganathan is a Professor/ECE at Gnanamani College of Technology, Coimbatore, India. He earned his PhD in the Faculty of Information and Communication Engineering from Anna University, Chennai in 2013. He has total of 29+ years of experience both in industry, teaching and research. He has guided several project works for many UG and PG students in the areas of bio medical signal processing. He has published more than 35 research papers in international and national journals and conferences. He has served as referee for many reputed international journals published by Elsevier, Springer, Taylor and Francis, etc.

Joy long-Zong Chen is currently a Full Professor in the Department of Electrical Engineering, Dayeh University at Changhua Taiwan. Prior to joining Dayeh University, he worked at the Control Data Company (Taiwan) as a Technical Manager since September 1985 to September 1996. His research interests include wireless communications, spread spectrum technical, OFDM systems, and wireless sensor networks. He has published a large number of SCI journal papers in the issues addressed physical layer for wireless communication systems. Moreover, he also majors in developing some applications of the internet of things (IOT) techniques and has owned some patents authorised by the Taiwan Intellectual Property Office (TIPO).

The innovation of wireless technology leads the way to smartly in future. Wireless technology has bigger history based on its development; it will exchange the information through wireless medium. This helps to increase the more number of users with high quality performance. The expectation of wireless technology is to be smarter and faster and that can be resolved by the emerging verticals involved in the wireless technology. In the beginning, it was developed for the user increment and then later these requirements are increased based on the demand of services. Mobile technologies are integrated with the global internet. The different wireless technologies are ZigBee, Bluetooth, Wi-Fi, Li-Fi, 2G/3G/4G/5G communication and WiMAX. The applications involved in the radio

wireless technologies are wireless mouse, mobile phones, keyboards, satellite television, radio receivers and broadcast television.

The recent emerging trends of wireless technologies are 5G cellular communication, spectrum allocation, internet of things, driverless everything, secure cloud storage, artificial intelligence, deep learning, neural network, molecular communication and smart city. This wireless technology will control the future, speeding up the performance and just hit a milestone in its deployment.