
Editorial

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Biographical notes: Angsuman Sarkar is presently serving as a Professor of Electronics and Communication Engineering in Kalyani Government Engineering College, West Bengal. He received his MTech in VLSI and Microelectronics from Jadavpur University. He completed his PhD from Jadavpur University in 2013. His current research interest spans around study of short channel effects of sub 100 nm MOSFETs and nanodevice modelling. He is a life member of Indian Society for Technical Education (ISTE) and Institution of Engineers (India), senior member of IEEE and immediate past Chair of Electron Device Society, Kolkata Section. He has authored many books, number of research papers in national and international refereed journals and conferences.

Arpan Deyasi is presently serving as an Assistant Professor in the Department of Electronics and Communication Engineering in RCC Institute of Information Technology. He has more than 15 years of professional experience in academia and industry. He is working in the area of semiconductor nanostructure and semiconductor photonics. He is a senior member of IEEE, life member of ISTE, member of OSI, IE(I), IETE, and presently serving as a Secretary of Electron Device Society, Kolkata Section. He has authored many peer-reviewed papers in reputed journals and conferences, served as co-editor of a few books.

This special issue of *International Journal of Nano and Biomaterials* on ‘Impact of nanotechnology on devices for integrated circuits’ is devoted to the modelling and simulation of nanoelectronic devices and novel architectures on real-life problems and their proposed solutions. The aim of this special issue is to provide overview of the recent research in the area of nano-bio technology and related advancements. This special issue consists of five articles carefully selected from the papers presented at the ‘Devices for Integrated Circuits (DevIC 2019)’ conference held on 23–24 March 2019 at Kalyani Government Engineering College, Kalyani, India.

We hope that you will find this special issue interesting and that you will consider participation in the future ‘DevIC’ conferences.