

## **Brief Biography of the Candidate**

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Mr. Karri Babu Ravi Teja has received his B.Tech. in Electronics and Communication Engineering (ECE) degree from University College of Engineering Kakinada (Autonomous), Andhra Pradesh, India in the year 2011. In 2014 he received his M.Tech. degree from Visvesvaraya National Institute of Technology (VNIT), Nagpur, Maharashtra, India with specialization in VLSI Design.

He served as an Assistant Professor in GITAM School of Technology, Hyderabad, Telangana, India from August-2014 to April-2015. He joined the department of EEE, BITS Pilani, Pilani Campus in June-2015, where he continues to serve in the capacity of Assistant Professor (Gr-II). His research interests include: Flexible Electronics, FPGA based system design, VLSI Design and Semiconductor Devices: Modeling and Simulation. He has published five research papers in peer reviewed international and national journals. And six paper in international conferences.

## Brief Biography of the Supervisor

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Prof. Navneet Gupta is a Professor in Department of Electrical and Electronics Engineering, and also holds the position of Associate Dean for Sponsored Research and Consultancy Division in BITS-Pilani, Rajasthan, India. He was Head of Department, EEE from Sep. 2016 to Aug. 2018. He visited National Taiwan University of Science and Technology (NTUST), Taipei, Taiwan during 2014 as Visiting Professor. His research interests are focused on Modeling of Micro/Nano Electronic Devices, Flexible and Wearable Electronics, Computational Material Science and Electromagnetics.

He guided 5 Ph.D students and currently guiding 4 Ph.D candidates. He completed 4 sponsored projects funded by UGC, DST, SERB & DRDO and 2 R&D projects supported by INUP-IIT Bombay and CSIR-CEERI, Pilani. Currently he is working on two international projects; one with University of Sofia, Bulgaria and another with Tel-Aviv University, Israel and two other sponsored projects funded by DST & MHRD. He has published 66 research papers in international and national peer-reviewed journals and presented 61 papers in various conferences in India and abroad. He has written 5 text books in the area of Electrical Engineering, Engineering Physics and Materials Science published by International and national publishers. He is a Fellow of Institution of Engineers (India), Senior member of IEEE and life members of other professional bodies. He is an expert reviewer of many reputed International Journals including IEEE, Springer, Elsevier and IE (I).