



PROF. M.V. KARTIKEYAN, PHD, CENG, FELLOW IEEE  
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BRIEF BIO-SKETCH

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Professor M.V. Kartikeyan received Master of Science and Ph.D. degrees specializing in Advanced Electronics & Radio Physics and Microwave Engineering from Banaras Hindu University and IIT-BHU, Varanasi, India, in 1985 and 1992, respectively. He was a Research Scientist with the Central Electronics Engineering Research Institute, Pilani, India, from 1989 to 2001. He was with Institute for Pulsed Power and Microwave Technology (IHM), Karlsruhe Institute of Technology, Karlsruhe, Germany (1996, 1998-2000, 2001-2003; and during summers in 2004, 2005, 2006, 2007, 2008, 2011, 2012).

He joined the Department of Electronics and Computer Engineering, Indian Institute of Technology Roorkee (IITR), India, as an Associate Professor, in 2003, and elevated to Full-Professor in 2009. He worked as Head of the Institute Computer Center (January 2012- April 2014) and Head of the Department of Electronics and Communication Engineering (May 2013 – February 2016). He moved to IIT-Tirupati on deputation in 2020. At present, he is the Director of IIITDM-Kancheepuram, since October 2022.

Prof. Kartikeyan is the principal author of 5 books. He published more than 360 research papers in peer reviewed transactions/journals and conferences. He supervised/co-supervised more than 100 PhD/PG/UG students. His current research interests include High power millimeter wave and terahertz sources; RF Circuits, Antennas and Systems; Metamaterials and fractals; Computational Electromagnetics; and RF and microwave design with soft computing and machine learning techniques.

Prof. Kartikeyan is a Fellow of IEEE, INAE, IET, VEDS, OSI, AAIA, IE, and IETE. Prof. Kartikeyan served as a member of the Vacuum Electronics Technical Committee of IEEE Electron Devices Society (IEEE-EDS-VETC) during 2018-2021. Since 2022, he is serving VETC as a corresponding member.

Prof. Kartikeyan is a recipient of the Hildegard-Maier Research Fellowship for Electrical Sciences of the Alexander von Humboldt Foundation (1998-2000) and the Alexander von Humboldt Research Fellowship (2001-2003, 2011, 2012).

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