



**Dr. Dinesh Kumar**

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**IEEE IAS Distinguished Lecturer (2024-2025)**

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Dr. Dinesh Kumar is a Senior Member of IEEE and the Lead Power Electronics & Simulation Specialist at the Global R&D Center of Danfoss Drives, Denmark. He holds a Master's degree from the Indian Institute of Technology (IIT) Roorkee, India (2004), and a Ph.D. in Power Electronics from the University of Nottingham, UK (2010).

With over 20 years of experience in academia, industry, and international standardization, Dr. Kumar has strong expertise in power electronics and power quality. He is an active member of IEC SC77A, nominated by the Danish national standardization committee. He also serves as an Adjunct Associate Professor at the School of Electrical Engineering and Robotics, Queensland University of Technology (QUT), Australia.

Since 2011, Dr. Kumar has been with Danfoss Drives A/S, contributing to research and industrial projects focused on complex simulations and advanced tool development. His current research interests include motor drives, harmonic analysis and mitigation, power quality, and electromagnetic interference.

He is the Editor-in-Chief of the International Journal of Power Electronics and an Associate Editor for the IEEE Transactions on Industry Applications (RESC and IDC) and the IEEE Transactions on Transportation Electrification.

Dr. Kumar has published over 90 journal and conference papers, holds two granted patents, and has three pending. He has received multiple IEEE Best Paper Awards in recognition of his contributions to the field.