

Kaushik Basu received the BE. Degree from the Bengal Engineering and Science University, Shibpore, India, in 2003, the M.Sc. degree in electrical engineering from the Indian Institute of Science (IISc), Bangalore, India, in 2005, and the PhD degree in electrical engineering from the University of Minnesota, Minneapolis, in 2012, respectively. He was a Design Engineer with Cold Watt India in 2006 and an Electronics and Control Engineer with Dynapower Corporation USA from 2013-to 15. He is an Associate Professor in the Department of Electrical Engineering at the IISc. He served as the Technical Program Committee Vice-Chair of IEEE ECCE 2020 and 2022. In 2019, he received the Prof. Priti Shankar Teaching Award from IISc. He has co-authored more than 100 papers in peer reviewed journals and conferences. As a co-author, he received the Second Best Prize Paper Award from IEEE Transactions on Transportation Electrification in 2021. He is IEEE senior member and is the founding chair of both IEEE PELS and IES Bangalore Chapter. He is an Associate Editor of IEEE Transactions on Power Electronics, IEEE Transactions on Industrial Electronics, and Springer Journal of Power Electronics. His research interests include most aspects of Power Electronic converter design from a few kW to a few MW for applications ranging from space, grid integration of renewables and storage to fast charging of electric vehicles.