

Dr. Manoj Kumar



Manoj Kumar received his B. Tech. (Electronics & Communication) from JMI, N. Delhi (1998) and Ph. D. (Engg.) from IIT Bombay (2008). He has been with Control Instrumentation Division of Bhabha Atomic Research Centre (BARC), Mumbai as Scientific Officer since 1998. He is currently working in the area development & dependability analysis of computer-based systems for safety applications and prognostics of electronic systems. He is associated with BRNS (Board of Research in Nuclear Science) in its activities as project collaborator and reviewer. He is also associated with HBNI as guide for post graduate programs. He has over 30 research papers to his credit and has supervised ten M. Tech. thesis. He has authored two books in the area of dependability modelling and accelerated life testing of electronic systems. At present he is guiding one Ph.D. candidate of HBNI in the area of prognostics of electronic systems.

He is on the editorial board of three international journals and managing editor of Journal – Life Cycle Reliability and Safety Engineering. He was also the member of working group for IEEE Std 1856-2017 (IEEE standard Framework for Prognostics and Health Management).

He has received three ‘Group Achievement Awards’ by DAE (Department of Atomic Energy) and ‘Young Research Leadership Award’ by Society of Reliability Engineering, Quality and Operations Management (SREQOM), 2011.