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Prof. Kumar obtained a B. Tech degree from BHU(1979) -India. After working for about 6 years in Indian industries, he joined the postgraduate program of Luleå University of Technology(LTU) , Luleå, Sweden and obtained a PhD degree in the field of *Reliability and Maintenance* 1990.

Currently he is the Chair Professor of Operation and Maintenance Engineering and Director of *Research and Innovation* (Sustainable Transport) at of Luleå University of Technology and Director of Luleå Railway Research Center.

Prof. Kumar is also a Visiting Guest Professor at National Science Foundation sponsored Center of Excellence for Intelligent Maintenance Systems at University of Cincinnati, Ohio, USA since April 2011. Earlier he has been a visiting faculty at Imperial College London, Helsinki University of Technology, Helsinki and Stavanger University in Norway, Tromsø Univ.,

He is also an external Examiner & Program Reviewer for the Graduate Program in the area of Asset and Reliability Engineering at University of Manchester, UK since 2014. He is also visiting Faculty at IIT BHU-India.

Prof. Kumar is also Chairman of the Scientific Council of Swedish National Maintenance Society since 2006-; and Chairman, Academic Thesis Award Committee, European Federation of National Maintenance Societies –EFNMS (2009-2016) and Member (Research) of the Swedish Working Group on Transport 2030 (2010-12). He is also member of the Scientific Advisory Council of RAILENIUM, France

His teaching, research & consulting interests are equipment maintenance, reliability and maintainability analysis, product support, Life Cycle Costing, Risk analysis, System analysis, eMaintenance, asset management etc. He has more than 30 years of experiences in consulting and finding solutions to industrial problems directly or indirectly related to maintenance.

Prof. Kumar is one of the Editors -in -Chief for International Journal of System Assurance and Management and Area Editor (Europe) for Journal of Quality in Maintenance Engineering (JQME). He has published more than 350 papers in International Journals and Conference Proceedings, and has co-authored 4 books on Maintenance Engineering and contributed to World Encyclopaedia on Risk Management.

He is an elected member of the Royal Swedish Academy of Engineering Sciences. He was awarded the coveted Nordea Science Foundation Award for significant contribution to society and region, recipient of distinguished alumnus award, of Mining Dept. IIT BHU, Life

time achievement award from Society of Reliability and Safety, APCOM council Recognition award, Honorary Professor at Beijing Jiao Tong (Transport), honorary Professor University, Amity University, New Delhi and Distinguished Professor at Tsinghua University, Beijing, among others.