Resume of Prof. Pradeep Kumar

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Prof. Pradeep Kumar, Indian Institute of Technology Roorkee, has an outstanding academic record and is a product of University of Roorkee (Now IIT Roorkee). He had obtained Bachelor of Engineering in Industrial Engineering in 1982 and Master of Engineering in Production Engineering (Gold Medalist) in 1989. He had received Ph.D. in 1994. He has earned all the above degrees from University of Roorkee (Now, IIT Roorkee). During 1996, he was a Visiting Assistant Professor in the department of Industrial and Manufacturing System Engineering, West Virginia University, U.S.A. He had also served the Department of Industrial and Manufacturing Engineering, Wayne State University, U.S.A. as Visiting Faculty during 1998-1999. He had been a Visiting Professor in the Department of Industrial System Engineering, at AIT Bangkok, in the years 2010 and 2018. He had served the Department of System Engineering, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia, as Visting Professor. He also did serve the Delhi Technological University as Vice Chancellor

Prof. Pradeep Kumar has more than 31 years of experience in teaching, research, and consultancy at IIT Roorkee, West Virginia University U.S.A, Wayne State University U.S.A, AIT Bangkok, KFUPM, Saudi Arabia. He had taught a wide spectrum of courses related to Industrial Engineering & Production Engineering He has supervised 39 Ph.D. theses (Awarded), 10 Ph. D theses are in progress; 96 M.Tech dissertations, 83 M.Tech projects and 50 B.Tech projects. He has published / presented 659 research papers in International Journals (350); Proceedings of International and National Conferences (307). He has completed 54 consultancy projects of various organizations and 20 sponsored research projects. 3 Sponsored Projects are in progress. 2 Patents Awarded, and 3 patent disclosures. Organized 26 short term courses. His research interests include Micro Machining Processes; Microwave Joining of Metals, Metal Casting; Industrial Engineering; Supply Chain Management (SCM), Quality Engineering: Robust Design Methodologies, Reliability Engineering; and Production & Operations Management.

Prof. Pradeep Kumar has received a number of prizes and honors. He was honored with an Outstanding Teacher Award at IIT Roorkee two times, in the year, 2005, and 2009. He has received 4 best paper/case studies prizes for his papers published in Journals and conference proceedings. He has secured Gold Medal for obtaining the highest marks in Master of Engineering. He has been honored as Eminent Mechanical Engineer for his contribtution in the field of mechanical engineering by The Institution of Engineers (india) (Sept 2014). He has organized 4 national and 1 international conferences at IIT Roorkee and has been honored to be a member in the advisory board of many professional societies and editorial member of many journal of repute. He is a fellow of World Confederation of Productivity Sciences, Canada. Prof. Pradeep Kumar has wide administrative experience as Vice Chancellor, DTU, Delhi, Dean, Finance & Planning, Head, Department of Mechanical & Industrial Engineering, Chairman, Joint Entrance Examination (JEE) 2009, Organizing Vice Chairman JEE (2008), Coordinator, Educational Technology Cell, Chairman Graduate Aptitude Test in Engineering (GATE, 2006, 2007) and Vice Chairman GATE (2005), Vice Chairman PG Admission (2005), Coordinator Workshop, Coordinator of Production and Industrial Engineering, Warden of Students Hostels and many other responsibilities both at department as well as at Institute level.