

## Brief Biodata of Prof. H.K. Verma (May 2022)

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*Dr. H.K. Verma* started his teaching / research career in September 1969 with University of Roorkee (now IIT Roorkee) as a Senior Research Fellow, became Lecturer in July 1970, Reader in May 1975 and Professor in Feb. 1982. For a period of two years (1980-82), Dr. Verma took leave from University of Roorkee and worked as R&D Manager of a company manufacturing control and protection panels, protective relays and meters.



Prof. Verma headed the Department of Electrical Engineering of University of Roorkee from September 1991 to September 1994. He was *Dean Research and Industrial Liaison* of University of Roorkee / Indian Institute of Technology Roorkee for the period of May 2000 to April 2002, *Dean of Sponsored Research and Industrial Consultancy* of Indian Institute of Technology Roorkee from May 2002 to June 2003, *Dean of Faculty Affairs* from Aug. 2003 to Aug. 2004 and *Deputy Director* from May 2006 to July 2011. Prof. Verma also officiated as *Director, Indian Institute of Technology Roorkee* for a short period before his superannuation on 31<sup>st</sup> July 2011. Finally, he retired from Indian Institute of Technology Roorkee on 30th June 2012 after 41 years of teaching, research and administration, of which over 30 years (1982-2012) were at the level of a full professor.

From 2<sup>nd</sup> July 2012 to 28<sup>th</sup> February 2022, Prof. Verma worked as a Distinguished Professor in the Department of Electrical and Electronics Engineering at the School of Engineering and Technology, Sharda University, Greater Noida, UP. He also shouldered the responsibilities of Dean, Academic Affairs of Sharda University from October 2013 to June 2016.

H.K. Verma graduated in Electrical Engineering in 1967 from the University of Jodhpur and obtained Master of Engineering and Ph.D. degrees in 1969 and 1977, respectively, from the erstwhile University of Roorkee (now Indian Institute of Technology Roorkee).

Prof. Verma has published around 250 research papers and guided 18 Ph.D. theses and 175 M.E./M.Tech. dissertations. He was honoured twice, first in 2004 and again in 2009, by the Indian Institute of Technology Roorkee as a Distinguished Teacher. His research interests included MEMS and smart sensors, wireless sensor networks, IoT and industrial communication protocols, smart grid and micro-grid, industrial automation, digital relays and power system protection, bio-medical instrumentation, intelligent and energy-efficient buildings, hydraulic measurements and small hydro-power development, and a couple of other areas. Prof. Verma is a fellow / life member of several professional societies, including Institution of Engineers (India), Institution of Electronics & Telecommunication Engineers (IETE) and International Society of Automation (ISA).