

## **Prof. Prabhakar V. Varde**



He started his career at Bhabha Atomic Research Centre in 1983 as nuclear engineering trainee of BARC Training School 27<sup>th</sup> Batch. After successful completion of one year training joined erstwhile Reactor Operations and Maintenance Group now Reactor Group. He served as operations engineer for Dhruva – a 100 MW research reactor at BARC and rose through the administrative ladder and retired in 2019 as Associated Director, Reactor Group. During his service, he completed his Ph.D. from IIT, Bombay in 1996 and later focussed his research in nuclear safety in general and Risk-based engineering in particular, while discharging his regular duties related to reactor services. He also served as Senior Professor, Guide and Member of the Board of Studies in Engineering Sciences of Homi Bhabha National Institute, Mumbai from 2009 till 2020. He served as specialists / experts, in the area probabilistic risk assessment and risk-based applications to IAEA, Vienna; and NEA, France. He also completed his post-doctoral research at Korea Atomic Energy Research Institute in 2002/2003. He is a Visiting Professor at Center of Advanced Life Cycle Engineering, University of Maryland, USA. He has over 245 research publications at national and international level. He co-authored / edited 18 books and conference proceedings. He received DAE's Homi Bhabha Group Achievement Awards in 2017 and 2018 for Design and development and commissioning of Apsara reactor and Dhruva Simulator, respectively. He retired from BARC in July 2019 and presently serving as President, SRESA, one of Chief Editors for Int. Journal of Life Cycle Reliability and Safety Engineering