

Director, National Institute of Advanced Studies, Bangalore, India. Played a key leadership role to help India achieve a pre-eminent position in fast breeder nuclear reactors with closed fuel cycles. His individual pioneering research contributions in materials characterization, testing and evaluation using non-destructive evaluation (NDE) methodologies have been recognized globally. He has created schools of global stature in nuclear materials and mechanics, non-destructive evaluation, nano science and technology, robotics and automation. His tenure as Director of Indira Gandhi Centre for Atomic Research (IGCAR), provided exceptional leadership for India in clean, critical and strategic technology. His contributions as President of Indian National Academy of Engineering have been recognized by the engineering profession as being visionary and impactful. His sheer diversity of contributions is evident from deep and effective engagement in areas ranging from cultural heritage to medical technology to education. He has been prolific in research authoring over 1100 research papers in peer reviewed journals and writing over 70 books and special journal volumes. This is a testimony to his extraordinary productivity. He has also the rare distinction of being a Fellow of all the four Science and Engineering Academies in the country. His Fellowship of German Academy of Sciences and of the Academy of Sciences for the Developing World (TWAS) reflects his global standing. Among other honours, he has been conferred with Lifetime Achievement Awards by Indian Nuclear Society as well as Indian Society of Non Destructive Testing (NDT). A grateful nation has also honoured you with a Padmashri. He has been the President, Indian National Academy of Engineering, International Council of *Academies of Engineering and Technological Sciences* (CAETS), International Committee on NDT, International Institute of Welding.