



BIO DATA

Dr. Baldev Raj has served the Department of Atomic Energy over a forty two year period until 2011. As Distinguished Scientist and Director, Indira Gandhi Centre of Atomic Research, Kalpakkam, he galvanized a whole community of staff, scientists and engineers for advancing several challenging technologies, especially those related to the fast breeder test reactor (FBTR) and the prototype fast breeder reactor (PFBR).

He has nurtured and grown excellent schools in nuclear materials and mechanics, non-destructive evaluation, corrosion, welding, separation sciences & technology and robotics & automation.

Dr. Raj has pioneered application of NDE for basic research using acoustic and electromagnetic techniques in a variety of materials and components. He is also responsible for realising societal applications of NDE in areas related to cultural heritage and medical diagnosis.

He is currently President, International Institute of Welding, President, Indian National Academy of Engineering and President-Research PSG Institutions, Coimbatore

Dr. Baldev Raj is a Fellow of Indian National Science Academy, Indian Academy of Sciences, National Academy of Sciences, India and Indian National Academy of Engineering, The Third World Academy of Sciences, German Academy of Sciences, International Nuclear Energy Academy and Academia NDT, International. He is Hon.Fellow, International Medical Sciences Academy.

He was alternate chairman of Senior Advisory Group of Nuclear Energy, IAEA, a Member and Chairman of Apex Committee on Nuclear Energy Safety of Atomic Energy Regulatory Board and Plenary Speaker in many Nuclear and Science and Technology in Society Forum, Kyoto on various facets of nuclear reactors and fuel cycles.

Author of more than 850 publications in refereed journals & books, 60 books, including special journal volumes, contributions to encyclopaedia and handbooks, as well as owner of 21 patents, he has been recognized by way of more than 100 awards, 350 honour, plenary and keynote talks, editorial positions and assignments in esteemed national and international fora in more than 30 countries.

He has been conferred Distinguished Alumnus Award of Indian Institute of Science, Distinguished Materials Scientist Award of Materials Research Society of India, National Metallurgist Award of Ministry of Steel, Government of India, Presidential honour Padma Shri. Indian Nuclear Society, Life Time Achievement Award(2011), Homi J Bhabha Gold Medal Award from the Prime Minister, India during 99th Indian Science Congress (2012) and Nayudamma Memorial Award, 2012.

Above all he has interacted with thousands of scientists and mentored hundreds of children, students, scientists and technologists and has inspired them to carry out scientific and technical activities with a high degree of professionalism and, at the same time, following exemplary ethical practices.