



Dr. B.S. Rao

Dr. B.S.Rao joined the erstwhile Directorate of Radiation Protection in 1969 after graduating from the 12th Batch of Bhabha Atomic Research Centre (BARC) Training School. During the early years of his career, Dr. Rao had undergone training in both radiation safety (DRP) and epidemiology (IARC). After his PhD degree in Biophysics from Cancer Research Institute, TMH, in 1980-1982, Dr. Rao served as a Research Associate in the Department of Therapeutic Oncology (MCMC) at the University of Wisconsin, USA. He was a recipient of the young investigator travel award for his work on *Hyperthermic sensitization of radiation damage*, during the International Conference on Hyperthermia in 1980 held in Colorado, USA. He was one of the four recipients of the young investigator award for participation in the 14th L.H. Gray meeting in Oxford (1988). In the same year, he was also a visiting scientist at the Frederick Juliet Curie Institute, Hungary. Dr. Rao is a recipient of Madame Marie Curie Fellowship by the European Commission to undertake research work on *retrospective biological dosimetry by fluorescence in situ hybridization technique (FISH)*, at the University of Leiden in 1995. His participation in the Radiation Research Society Meeting, held in Wurzburg, Germany (1995) to commemorate the 100-year of X-ray, was sponsored by the European Commission. Dr. Rao had the honour of being the Editorial Board member of the *International Journal of Radiation Biology (U.K.)* from 1988-1991. He was an Editorial Board member of *Journal of Medical Physics (JMP)* and the *Radiation Protection & Environment Journal*. During the past fifty years, Dr. B.S. Rao has been a teacher of Clinical Radiobiology, Medical Physics and Radiation Safety for many courses organized by the Department of Atomic Energy (DAE). He has taught radiobiology to Dip.R.P., DRM, DMRIT, and M.D. Radiotherapy. He has also served as a Member of the Environmental Sciences Subcommittee of Board of Research in Nuclear Sciences (BRNS). Dr.

Rao continues to serve as a Adjunct Professor for many Universities. He teaches Clinical Radiobiology and Radiation Protection for Medical Physics courses at MAHE and Magalore University; Radiation Biophysics and Medical Biophysics at Mumbai University.

He has served on the Committes related to radiation protection associated with Atomic Energy Regulatory Board (AERB). Dr. Rao is a life member of a number of scientific bodies, viz. ISRB, IARP, AMPI, NAARRI and EMSI. He retired from BARC as the Head of Radiological Physics and Advisory Division. He has to his credit over 100 research papers in international journals and more than 10 contributed chapters in the textbooks covering different areas of Radiation Sciences.