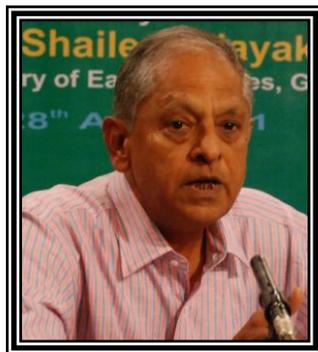


## Emeritus Professor



**Prof. P. C. Kesavan**

Dr. P.C. Kesavan currently Department of Atomic Energy Homi Bhabha Professor and Distinguished Fellow, M.S. Swaminathan Research Foundation (MSSRF) had earlier been Professor and Dean, School of Life Sciences, Jawaharlal Nehru University (JNU), New Delhi, and Director, Biomedical Group of Bhabha Atomic Research Centre (BARC), Mumbai and Executive Director, M. S. Swaminathan Research Foundation (MSSRF), Chennai.

Basically, he is a geneticist and a radiobiologist. He is known internationally for his work on the modification of radiobiological effects by caffeine.

He is currently involved in harnessing science and technology for human welfare, particularly in the realm of sustainable management of natural resources for rural development and livelihood security of the coastal poor.

He is greatly cherishing his close interaction with social scientists and gender specialists to accelerate the process of strengthening the **social contract of science**.

He is also deeply interested in all aspects of human and environmental security. Issues such as extreme natural hazards, climate change and their impacts on the planet Earth and humanity are currently engaging his attention.

He is working on ways and means to integrate disaster management with sustainable development in order to enhance the resilience and coping capacity of the resource-poor farming and fishing families in the coastal regions, which are particularly vulnerable to water- and weather-related natural hazards.

He is closely working with Professor M.S.Swaminathan in developing models and strategies to fight both the famines of food and livelihoods especially in the rural India. Some of these are published by them in **Phil.Trans.R.Soc.B** (2008),**363**,877-891 and **Phil.Trans.R.Soc.A** (2006),**364**,2191-2216.

### **International Association**

- Member of Editorial Board of
  - i.*international Journal of Radiation Biology* (Taylar & Francis, Canada)
  - ii.*Journal of Radiological Protection* (UK)
- Represented India at United Nations Scientific Committee on Effects of Atomic Radiations (UNSCEAR), IAEA, Vienna (1995 – 1998)

- Had been a Visiting Professor/Fellow at University of Manchester, UK; University of Texas at Austin, USA; Justus – Leibig Universitat, Giessen, Germany; Strahlencentrum of University of Leiden, The Netherlands.

### **Academic/Scientific Record**

- Has published about 160 original research papers in reputed national and international journals.
- 42 students have obtained the Ph.D degrees of the Jawaharlal Nehru University, New Delhi, having worked under his guidance.

### **Association with Professional Societies**

- *Life Member and past President* (1995-98) of the Environmental Mutagen Society of India.
- *Life Member and past President* (1991-93) of the Indian Society for Radiation Biology.
- *Life Member*, Indian Nuclear Society.
- *Life Member*, Indian Association of Radiation Protection.
- *Life Member*, Indian Association for Radiation and Photochemical Sciences.

### **Fellowships**

- Fellow of the Indian National Science Academy (FNA)
- Fellow of the National Academy of Sciences (FNAsc)
- Fellow of the National Academy of Agricultural Sciences (FNAAs)
- Fellow of the Institute of Physics, London (F Inst P)