

## **BRIEF-BIODATA**

Dr. R Krishnan currently Adjunct Professor, Amrita University, Coimbatore obtained his BE and ME degrees in Electrical Engineering from Madras University. He obtained his **Ph.D from the Indian Institute of Science, Bangalore in 1977**

From 1977 till 2011 he was in the Department of Space at Hyderabad and Thiruvananthapuram. First he was with the National Remote Sensing Agency and from 1988 till 2008 he was with the Advanced Data Processing Research Institute (ADRIN) Hyderabad and was the **Director of the Institute** from Jan. 2002. From 2008 to 2012 he was the **Dean of the Indian Institute of Space Science and Technology in Thiruvananthapuram**. He was elected as a **Fellow of the National Academy of Sciences in 1993**. He is also a Fellow of the "Andhra Pradesh Academy of Sciences". He is also a **Fellow of the Indian Society of Remote Sensing** His major contributions are Developing Remote Sensing Data Preprocessing software for the Indian LANDSAT Earth Station program and Real Time processing software for the Indian Remote Sensing (IRS) program.

He initiated the Artificial Intelligence Activity at NRSA and developed an Expert System for Geomorphology. He headed a Team which developed automatic image understanding methods at NRSA. He played a major role in conceptualizing and in the setting up of the Advanced Data Processing Research Institute (ADRIN). Under his guidance, several software packages in the areas of Digital Mapping, Image Processing and Decision Support Systems have been developed. As the First Dean of IIST he was instrumental in formulating the curriculum and was also in charge of the Academic Administration.

He has guided **8 Ph.D students** and several M.Tech. students. He has more than 50 research publications to his credit. He was invited by the **International Atomic Energy Agency, Vienna as an Expert to advise them on the use of Remote Sensing Techniques**. He was conferred the Engineer of the year award by the Institution of Engineers in 1999

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