

India Council Life-time Section Chair Award - 2020**(Given on December 11, 2020)****Prof BL Deekshatulu**

BSc. Engg.(BHU), ME (IISc), PhD. (IISc)



Bulusu Lakshmana Deekshatulu received his Ph.D. degree in 1964 from the Indian Institute of Science Bangalore, and also ME degree from IISc. in 1960. He graduated with BSc.(Engg) degree in Electrical Engineering from Banaras Hindu University in 1958. After obtaining his Ph.d., Dr. Deekshatulu joined IISc as Lecturer in 1964, became Professor in 1970, and continued in that position till 1976. He joined the National Remote Sensing Agency (NRSA), Hyderabad and served in various capacities from 1976, and retired as Distinguished Scientist & Director in 1996. He then was first Director for United Nations' Centre for Space Science and Technology Education in Asia and Pacific at Dehradun, till 2002. Since 2011, Dr. Deekshatulu is a Distinguished Fellow at IDRBT Hyderabad, a research Institution under RBI (Govt. of India) for Computing and Information Technology applications in Banking, prior to which he was a Visiting Professor in the Dept. of Computer & Information Sciences, University of Hyderabad.

IISc., Bangalore, Dr. Deekshatulu gave impetus to founding the ME degree programme in "Applied Electronics & Servomechanisms" and set up of the School of Automation. He was Visiting Scientist at IBM Watson Research Centre, York Town Heights, New York, and Environmental Research Institute, Michigan during 1971-72, on Digital Image Processing and Remote Sensing. He designed and fabricated for the first time in India, Gray scale and Color Drum Scanners for Computer Picture processing, which has subsequently won him and his group, a NRDC Award.

He is Fellow of 15 Scientific and Engineering Academies including FNA, FASc, FNAE, FIEEE, TWAS (Italy), Distinguished Fellow IETE, Distinguished Fellow of Astronautical Society of India, Hon. Member Asian Assocn. for Remote Sensing, Japan, Hon. Fellow ISRS. He is honoured as "Living Legend in Indian Science" (Current Science Jor., 25.06.2014). Dr. Deekshatulu has distinguished himself through his research and technological contributions in the fields of Control Systems, Remote Sensing, Digital Image Processing, Neural Networks, Machine Learning and Artificial Intelligence, and has over 160 research publications and guided 22 Ph.Ds.

Amongst many International and National awards he won Sir M. Visveswaraya Award for "Outstanding Engineer" in 1984, NRDC Invention Awards in 1986 and 1993, Dr. Biren Roy Space Science Award in 1988, "Padmasri" medal in 1991 awarded by President of India, Brahm Prakash Medal for significant contributions to Engineering Technology, Om Prakash Bhasin Award for Science and Technology for 1995, "Sivananda Eminent Citizen Award" from Vice President of India in 1998, Bhaskara Award in 1990, Boon Indrambarya Gold Medal by Thailand Remote Sensing and GIS Assoc. in 1999 in Hong Kong for contributions to Remote Sensing, Aryabhata Award 2002 by Astronautical Society of India for life time contributions to Remote Sensing, Distinguished Alumni Award from IISc, Bangalore in 2006, "Life time Contribution Award" from ACRS, Beijing in 2009, Asthana Vidhwan award from Datta Peettam, Mysore in 2010, CHEN Shupeng award (CCNCRS & AARS) for 2011 in Taipei.

He served as the founding Chair of IEEE Hyderabad Section in 1984 and set standards of excellence. He was general chair at several IEEE events including the India Council ACE, Region 10 TENCON 2008. He is an IEEE Fellow and recipient of 2000 IEEE Millennium Medal.

(Prof Sri Niwas Singh)
IEEE India Council Chair 2020