

Brief Bio-Data of  
**Prof N. BALAKRISHNAN**  
FNA, FASc, FNAE, FNASc, FIETE

**Prof. N. Balakrishnan** received his B.E.(Hons) in Electronics and Communication from the Coimbatore Institute of Technology, University of Madras in 1972 and Ph.D from the Indian Institute of Science in 1979. He then joined the Department of Aerospace Engineering as an Assistant Professor. He is currently a Professor at the Department of Aerospace Engineering.

Prof. N. Balakrishnan was responsible for the creation of the Centre for Microprocessor Applications, the National Centre for Science Information, and the Supercomputer Education & Research Centre at the Indian Institute of Science. He was the Chairman of Supercomputer Education and Research Centre till November 2001 and Associate Chairman of the Centre for Scientific and Industrial Consultancy Centre. He is **presently** the Chairman of the Division of Information Sciences & Services.

His areas of research where he has over 150 publications in the international journals and international conferences, include Numerical Electromagnetics, Polarimetric Radars and Aerospace Electronic Systems, Information Security, Digital Library and Speech processing.

He was **awarded** the,

1. Padmashree by the President of India, 2002
2. Alumni Award for excellence in Research for Science & Engineering by IISc 2001
3. Millennium Medal 2000
4. Jawaharlal Nehru Centenary Lecture Award of INSA for the year 2001
5. Excellence in Education Award of the Aeronautical Society of India, 1998
6. HARI OM ASHRAM PRERIT DR. VIKRAM SARABHAI RESEARCH AWARD for 1995.
7. Best Academician Award of the Arunai Engg. College 2001
8. Dr. Neelakantan Memorial Lecture Award of the Aeronautical Society of India
9. Platinum Jubilee Lecture of the Indian Science Congress
10. NRC Senior Resident Research Associateship at the National Severe Storms Lab., Norman, Oklahoma, U.S.A. from 1987 - 1989. He was a visiting research scientist at the University of Oklahoma in 1990, Colorado State University in 1991 and again at the University of Oklahoma in 1993.
11. J C Bose Memorial Award for the best paper in 1987 and again in 2000
12. UNESCO/ROSTSCA Young Scientist Award in 1986
13. Visiting Professor, Carnegie Mellon University, 2001 and in 2002

He is a **fellow** of the,

- Indian Academy of Sciences, (Currently the Secretary)
- Indian National Academy of Engineering,
- Indian National Science Academy.
- Institution of Electronics & Telecommunication Engineers
- National Academy of Sciences

He is a member of the Scientific Advisory Committee to the Cabinet (SAC-C).

He is the editor of "**Electromagnetics**", Int. Journal of Computational Science and Engineering and the Journal of **IETE**.

He is an Honorary Professor in JNCASR and NIAS. He is a consultant to several Defence and Governmental Agencies. He is one of the Directors of Bharat Electronics Limited (BEL)

He is National Co-ordinator of the Indo-French Cyber University and Indo-US Digital Library Projects ([www.ulib.org](http://www.ulib.org))