

Profile

Professor V. Sree Hari Rao is the Director and Principal Research Scientist of the Foundation for Scientific Research and Technological Innovation, Hyderabad, India. He had obtained his Ph.D. degree from the Indian Institute of Technology, Kanpur, India. Professor Rao is a Fellow of several learned academies, which include National Academy of Sciences, India, Forum D' Analstes, and the Institution of Electronics and Telecommunication Engineers of India.

Professor Rao has made fundamentally significant contributions in nonlinear dynamical systems, predictive mathematical modelling in Science, Engineering, and Medicine, neural networks and machine learning, and knowledge discovery and data mining. He has also made many important contributions in the application domains, such as aerospace engineering systems, banking technologies, insurance and finance, modelling in biology and medicine, health care technologies, and associative and evolutionary technologies. The Software package, entitled "VB Classif 1.0 -- A novel classification tool for the control of vector borne diseases", was developed by Professor Rao and Dr. USN Murty. Due to the multidisciplinary research activities, he served many leading Universities and Academic and Research Institutions in India, USA, Canada, and held the following academic titles : Professor of Mathematics and Statistics, Professor of Material Science and Engineering, Distinguished Professor of Computer Science and Engineering, Distinguished Professor of Information Science & Technology, Distinguished Professor of Electronics and Communication Engineering, and Distinguished Professor of Electrical and Electronics Engineering.

Professor Rao is the Founder and continuing Editor-in-Chief of Differential Equations and Dynamical Systems – Springer, and the Editor-in-Chief of Research Monographs/Graduate/Undergraduate Texts/Research Seminar /Tutorial Series in Computer Information Science and Mathematical Sciences. He is a Regional Editor of the International Journal of Electronic Modelling, a Section Editor of Global Journal of Infectious Diseases, and an International Advisory Editor for Engineering Simulation. He also serves as a member of the editorial board of many scholarly journals, such as International Journal of Neural Systems, Nonlinear Dynamics and System

Theory, Bulletin of the Marathwada Mathematical Society, Numerical Algebra, Control & Optimization – A Research Journal of American Institute of Mathematical Sciences, Research Monograph Series on “Stability and Control”. He had served as a member of the Editorial Board of the journals, IEEE Transactions on Neural Networks and Learning Systems, Chaos, Solitons, and Fractals, and Nonlinear Analysis, Real World Applications, both from Elsevier.

Professor Rao has delivered invited and keynote lectures in numerous international conferences in India, USA, UK, Canada, Australia, Czech Republic, Japan, Singapore, Slovakia, Sri Lanka, Taiwan, Thailand, Tunisia, Turkey, Russia, Brazil, Germany, South Africa, and Colombia. He has also served as a member of the International Organizing Committees of various conferences in India and abroad.

His corporate assignments include (i) Director, 2007-2008, North Gate Technologies - A leading Multinational I.T. Company; (ii) Director, Research and Development, TARA SOFT, Private Ltd., and (iii) Adjunct Professor in the Institute for Development of Research in Banking Technologies, established by Reserve Bank of India, Hyderabad during 2012-13.