

Curriculum Vitae : Dr. Venugopal K R

(1) **Introduction:** Dr. Venugopal K R is a Fellow of IEEE and ACM Distinguished Educator; Special Officer, Government of Karnataka, Bangalore (December 2012 - June 2016); Principal, University Visvesvaraya College of Engineering (UVCE); and Professor in the Department of Computer Science and Engineering, UVCE, Bangalore University, Bangalore.

(2) **Administrative Experience:** Prof. Venugopal has been serving the teaching and educational fraternity for over three and a half decades. He has administrative experience of over 20 years as Chairman of the Department of Electronics and Communication, Computer Science and Information Science Engineering (2000 - 2004, 2006 - 2008), Principal Day College, UVCE (2007 till date), Principal Evening College, UVCE (2000 - 2004), Member of the Academic Council (2007 - 2009) and Syndicate (2008 - 2009) at Bangalore University.

(3) **Academic Qualifications:** Dr. Venugopal K R has illustrious, distinguished and brilliant academic career. He obtained his Bachelor of Engineering in Electronics and Communication Engineering from University Visvesvaraya College of Engineering (1979). He received the Master's degree in Computer Science and Engineering from Indian Institute of Science, Bangalore (1993). He completed Ph.D. in Economics from Bangalore University (1989) under the guidance of Prof. K Venkatagiri Gowda and Ph.D. in Computer Science Engineering from Indian Institute of Technology Madras, Chennai (2000), under the guidance of Prof. P Sreenivasa Kumar. He was a Post Doctoral Research Scholar and visiting Professor at University of Southern California, USA (2000).

In addition, he has obtained Postgraduate degrees in Economics (Karnataka University, 1982), Law (Bangalore University, 1986), Management of Business Finance (Indian Institute of Finance, New Delhi, 1990), Mass Communications (Central College, Bangalore University, 1985), and Postgraduate Diplomas in Industrial Relations (Bharathiya Vidya Bhavan, 1987), Journalism (Bharathiya Vidya Bhavan, 1985), Public Relations (Bharathiya Vidya Bhavan, 1986). He is the recipient of National Hindi Scholarship and National Merit Scholarship. He received the Kulapathi Gold Medal and Kulapathi Silver Medal for the best student in Industrial Relations at Bharathiya Vidya Bhavan.

(4) **Teaching Career:** Dr. Venugopal K R has 36 Years of Teaching, Research and Administrative experience. He joined UVCE as a student of Electronics and Communication

Engineering in the year 1974. He started his teaching career as a part time teacher in the evening college in the year 1980 at UVCE in Electronics, Communications and Computer Science Engineering. Eighteen teachers in Bangalore University and more than 400 teachers of various Engineering colleges in Bangalore are students of Dr. Venugopal K R.

(5) Research Activities and Research Papers: Prof. Venugopal has published over 600 professional research papers in International Journals and refereed International Conferences in the areas of Digital Signal Processing, Optical Networks, Sensor Networks, Biometrics and Data Mining in his three decades of research. His Research Articles are available in DBLP (101), Springer Verlag (82), IEEE Explorer (151), ACM Digital Library (65), Google Scholar (768 Publications) and Research Gate (769 Publications). He has a Google Scholar citations h-index of 25. He has guided 22 Ph.D students for their Doctoral Degree and has provided Informal guidance to more than 60 Research Scholars. He is the recipient of 30 Best Paper Awards. He is the founder editor of the International Journal of Information Processing since 10 Years and Reviewer for a number of International Journals. He has filed 101 Patents. He has supervised 422 Under Graduate projects and 630 Post Graduate Dissertations.

(6) Books: Dr. Venugopal has authored and edited Sixty Four books on Computer Science and Economics, which include Petrodollar and the World Economy, C Aptitude, Mastering C, Microprocessor Programming, Mastering C++, Optical Networks, Soft Computing, Data Mining, File Structures, Digital Circuits and Systems and Sensor Networks; these books are popular and are prescribed as text books and references in various Universities in India and Abroad for Engineering and Science students. The outreach of science and technology through these books is evident by nearly a million online and hard copies in circulations and hundred plus reprints of all these books over two and a half decades. His books and Journals are published by leading publishers including IEEE Press-U.S.A., Springer Verlag, Germany; Elsevier, Amsterdam, Netherlands; Tata McGrawHill, Delhi-New York; BPB Publications, Delhi; and I.K. International Publishing House Pvt. Ltd, Delhi, etc..

(7) Technical Expertise and Consultancy: Dr. Venugopal K R has been a Member of AICTE Expert Committee since 1999 (17 Years); Member of Complaints and Appeals Committee, AICTE since 2009; Member of Executive Committee SWRO, AICTE since 2010; Member, IT Committee for Smart Cards Under Rastriya Swasthya Bima Yojana, Ministry of Labour and Employment, Government of India, New Delhi, 2011; Expert Member, Department of Science and Technology, Government of India, New Delhi; Member, Vijaya Bank, Syndicate

Bank, Core Networking Banking Services, Bangalore since 2000; Member, Project Review Committee, Fuel Cell Bus, Ministry of Science and Technology, Government of India, New Delhi, 2010; Member, States Technical Education Council, Government of Karnataka, 2009; Expert Member, University Grants Commission, (Deemed University) New Delhi; Expert Member, NBA, NAAC, New Delhi.

(8) Awards and Recognitions: He is a recipient of over sixty awards. Dr. Venugopal K R is conferred IEEE Fellow award from USA for his contributions to Computer Science and Electrical Engineering Education and ACM Distinguished Educator Award from USA for his contributions to Computer Science and Engineering Education. He is the first Professor from Bangalore University to receive this highest academic awards at the University level. He is a recipient of IEEE Outstanding Student Branch Counsellor Award, 2004 - 2005, New York and IEEE Bangalore Section - Outstanding Service Award, 2006 - 2007, for spreading Technology Awareness in the Engineering community over the last three decades. ACM and IEEE are two World's leading and largest Associations of Computing and Electronics respectively, with the head quarters in USA. Very few academicians have been conferred both these Awards in our Country.

He received the Karnataka State Government award of Rs. 6 Lakhs in 2008 for authoring Technical Books; Uttar Pradesh Government National Award for outstanding work done in the specified areas of Engineering, Technology and Book writing in 2006; Kempe Gowda Award for achievement in the field of Science and Technology, from the Government of Karnataka in 2000; Award of Excellence 2011 for contributions to Higher Education and Research from Indian Engineering Congress 2011 and the Anna University National Award for Outstanding Academic Achievement in 2010.

He received the Rotary Vocational Excellence Award in 2013 for teaching and empowering; Eminent Engineer Award from Institution of Engineers, (India) 2012, Bangalore; Chanakya Award and the Hall of Fame Award for Academic Excellence from Public Relations Council of India, 2012; Sir M Visvesvaraya Global Leadership Award from Visvesvaraya Technological University, 2011 and Gulbarga University, Karnataka 2012 for Excellence in Environment, Social Work, Education and Health.

(9) New Courses, Projects, Workshops and International Conferences: Prof. Venugopal K R started twelve Post Graduate courses, two undergraduate new courses at UVCE, enhancing the academic curriculum and founding higher educational institutions. He was involved in the

establishment of the Department of Electronics and Communications and Department of Computer Science and Engineering in UVCE. He has delivered hundreds of Lectures, organized more than two hundred Workshops, Short Term Courses, Seminars and twenty one International Conferences.

(10) Reports and Development Activities at UVCE: He is the Chief Coordinator for Technical Quality Improvement Programme (TEQIP I and TEQIP II), UVCE which has been granted Rs. 26.5 Crores. Prof. Venugopal K R successfully completed the task of restructuring (Trifurcating) Bangalore University into Bangalore University, Bangalore Central University and Bangalore North University; presented Development Plans for Centenary Celebrations of UVCE, Autonomous Status, Centres of Excellence in Signal Processing, Disaster Mitigation and Management and Emerging Materials at University Visvesvaraya College of Engineering.

(11) Sports and Social Activities: A sports enthusiast, Dr. Venugopal K R represented Bangalore University in Cricket and Athletics during 1975 - 79. He represented the State Cricket Pentangular Tournament in 1978. He has been working for the development of Slum Children and an active member of Lions Club, Rotary Club, Rashtrorathana Parishat, Blood donation camps, Bharath Scouts and Guides. The royalty from the books are donated to charitable educational institutions. His salary is spent on his students and the college.

(12) Listing in Directories: Dr. Venugopal K R has been included in the list of Who's Who in the World since 1995 and Who's Who in America since 2009, Who's Who in Finance and Industry of the World, U.S.A., Directory of International Biography, U.K., Directory of Five Thousand Personalities of the World, USA, Directory of Two Thousand Outstanding Scientists of the Twentieth Century, UK, and Asia's Who's Who, USA. He finds place in these directories for his outstanding achievement in the field of Computer Science and Engineering.

Dr. Venugopal K R belongs to a genre of Outstanding Educationists. He has been a teacher, friend and mentor to students from varied socio-economic backgrounds. His professional career in UVCE has been growing over the past 40 years as a student, student representative, as a teacher, representative of teachers and now as its administrator. A down to earth personality known for his simplicity, charity, dedication, commitment, honesty and sincerity in his approach. He is a role model for young generations.

Compiled by Research Students & well wishers