

## **PROFILE**

Prof. C.E.Veni Madhavan obtained his B.E.(Electrical Engineering) from College of Engineering, Madras in 1969, M.E (Control Systems) from BITS Pilani in 1971 and PhD (Control theory) from Indian Institute of Science in 1975. He worked in Air India from 1976 to 1977 and National Informatics Center from 1977 to 1982. Later in 1983 he joined Computer Science and Automation department of IISc. He was a senior professor in the CSA department and retired formally in August 2014. He was the Chairman of CSA department during 1998-2000. He was invited to head the DRDO laboratory, SAG, New Delhi, during 2000-2003.

His current research areas of interest are computational linguistics and pragmatic cryptanalysis. He continues to work, in IISc, on three R&D projects in the areas of cryptography and natural language processing and on several technical advisory tasks spanning government policy and academic and research mentorship.

He has worked on many scientific, industrial consulting and development projects sponsored by government and corporate sectors in these areas. He has published over 80 papers in refereed journals and conferences, and delivered over 200 invited talks in national conferences and universities. He has guided 15 PhD, 11 MS and over 100 ME theses. Some of his project engagements were in the areas of cryptanalysis (MCIT), cryptography (TCoE-DOT) and cognitive networks (DST, DRDO). He is the co-author of a book on Public-key Cryptography published in India in 2009.

He obtained in 2001, an award by the Mathematical Association of India, for distinguished services in mathematics education and research. He obtained in March 2011, an award by IISc, for Excellence in Research in Engineering. He and co-authors obtained a Best Paper Prize in July 2011, in Boston USA, in the Annual Conference of the Cognitive Science Society.

He was an Associate Faculty of the Centre for Neuroscience of IISc. He was the Chief Executive of the Society for Innovation and Development (SID) of IISc, during 2006-2012. He is closely associated with activities of the professional bodies, the Cryptology Research Society of India (CRSI), the Ramanujan Mathematical Society (RMS), ACS, INAE.

He also works very closely with the government policy and R&D funding panels of DST, IFCPAR, MCIT, DRDO, NRB, NSCS, NTRO and with academic councils of universities and research centers, CRRAIMSCS, DSU, SASTRA, AMRITA, as member or Chairman of technical expert committees.