

Profile of Prof. K. Raja Rajeswari

Prof. K. Raja Rajeswari is graduated in Electronics and Communication Engineering from Andhra University during 1976. She obtained her Masters degree in Engineering and PhD from the faculty of Electronics and Communication Engineering also from Andhra University during 1978 and 1992 respectively.

From 1979-1982 she had been with JNTU Kakinada as Lecturer, later she moved to Andhra University. She was Professor in the Dept. of ECE and served in various capacities since 1982 at Andhra University. She was **Head of the Department** for the period 1998-2001 & 2004-2005 and **Chair Person**, Board of Studies (2010-2013) & **Dean** for Academics & Research (2010-2013), Andhra University College of Engineering (Autonomous). She served as **Principal** for AU College of Engineering for Women during August 2013. Later she joined as **Principal** at Viswanadha Institute of Technology and Management (VITAM), Visakhapatnam. Currently she is professor and Director (R&D) at GVPCEW, Visakhapatnam. She is nominated as Senate Member for NIT Kurukshetra w.e.f 04-09-2015.

Her research interests include radar/sonar signal processing and wireless mobile communications. She is **Best Researcher Awardee** from Andhra University for the year 2004. She is recipient of the award as **Distinguished Indian** for her lifetime achievement in academics, research and development by Pentagram Research Centre, Hyderabad during the year 2007. She received **Bharat Jyothi Award** from India International Friendship Society, New Delhi on 18th August, 2008. She is recipient of prestigious **IETE Prof SVC Aiya Memorial National Award** in recognition of her contribution in providing guidance for researchers in Radar/Sonar Signal Processing and Wireless Communications for the year 2009. She received **Dr. Sarvepalli Radhakrishnan Best Academician Award** for the year 2009 from Andhra University. She received **Diamond Jubilee Gold Medal** for her outstanding contribution in the field of IT and ICT for the year 2012-13 by the Institution of Electronics and Communication Engineers (IETE), New Delhi.

She is co-author of the text book, **Electronic Devices and Circuits, Electronic Circuit Analysis** Published by Pearson Education. Her book on **Signals and Systems** has been published by Prentice Hall of India, New Delhi and **Digital Signal Processing** by IK international.

She has more than **150 papers** published to her credit in IEEE, IETE, WSEAS and German, France US&UK based journals and in National and International Conference proceedings. She is reviewer for various international and national journals. She has organized several conferences and workshops in India and Malaysia. She attended various conferences in India and abroad and chaired numerous technical sessions wherever she has attended. **She has more than 50 papers published in SCI, Scopus Indexed category Journals.**

She visited China, Malaysia, Singapore, Thailand and USA for presenting papers and chairing sessions in IEEE and other international conferences. From 2001 to 03 she had been with Multimedia University, Malaysia. She is a Fellow of Institute of Electronics and Telecommunication Engineers (IETE), Member of Computer Society of India (CSI), Senior Member of Institute of Electrical and Electronic Engineers (IEEE), Member of IEEE Women in Engineering and Member of IEEE Signal Processing Society. She is **Subject Expert Member** for Department of Science and Technology (DST), New Delhi under **Women Scientists Scheme**. She served as **Coordinator** for MS (Signal Processing) and MS (Telecommunication Systems) Double Degree Programs with Blekinge Institute of Technology, Sweden.

She is associated with IETE for the last 25 years in the capacity of **Vice-Chairperson** (2004-2006), **Chairperson** of the centre for two terms (2006-2008 & 2008-2010) of Visakhapatnam Centre. She is **Governing Council Member** of IETE (The Institute of Electronics and Communication Engineers), New Delhi (2010-2013)&(2014-17) & nominated **as East Zone Coordinator** She is holding many other honorary positions. She is Expert Member for National Board of Accreditation (NBA) AICTE.

Thirty five Ph. Ds have been produced under her guidance and another **ten** are in progress. One of her Ph. D thesis of K. Srihari Rao was selected for best thesis **Gold Medal** by Andhra University for the Year 2013. She has handled many research projects funded by AICTE, UGC, DST and DRDO. She had been Expert Member for NRB appointed by DRDO in two panels Marine Systems and Sonar & Signal Behaviour.