

BIO-DATA OF Prof. C.V.S. RAO

Winner of 1992 Best Teacher Award – an annual award instituted by the Govt. of AP for excellence in teaching – Prof. C.V.S.Rao had early schooling in Andhra Pradesh and took the B.Sc. degree from Andhra University in 1952. He obtained the Diploma of the Madras Institute of Technology in Electronics in 1955. Subsequently he did his Master’s course in Electrical Engineering at IIT, Kanpur and obtained the Ph.D. Degree in Computer Science from School of Automation, IISc., Bangalore.

Prof. Rao started his career with the A.P Electricity Department and assisted Brown Boveri Engineers in the installation of their power –line carrier telephone network in 1955-56. He was a CSIR research fellow under the International Geophysical year scheme for five years. During this time, he carried out substantial work in the area of ionosphere studies and research. Under the inspired leadership of (late) Shri S.N.Mitra, the then Research Engineer of AIR who rose to eminence as Engineer in Chief and also as the President of IETE. Prof. Rao published a research paper jointly with him. Prof. Rao had earlier assisted Shri Chamanlal, former Chief Engineer of AIR, in publication of his paper dealing with Radiation Belts and their impact on Ionosphere.

Prof. Rao joined the Faculty of Osmania University in 1961 and served as Professor and Head, Dept. of ECE and also as Principal, University College of Engineering. His pioneering work led to the establishment of a research unit in navigational Electronics in Osmania University, funded by the Department of Electronics, Govt. of India. He was responsible for the development of the very first Computer Centre in 1986 in the Dept. of ECE, OU with funding from Ministry of Human Resources Development. With several research papers to his credit, Prof. Rao was a visiting Professor of Salahaddin University, Iraq and Asian Institute of Technology, Bangkok. He served as an expert and resource person in various committees, short-term courses and in-plant training programmes.

Prof. Rao was a Fellow of IETE. He served as the Chairman of the IETE Hyderabad Centre and he was the motivating force for the Continuing Education Programmes of the Centre. During his tenure as the Chairman, he gave the leadership for organizing the 40th Foundation Day Celebrations of IETE hosted by the Hyderabad Centre. He started the ALCCS Course equivalent to M.Tech. (CSE), helped in the establishment of “Centre for Advanced Studies in Emerging Technologies (CASSET)”, NORAD Programme for Women, orientation Summer School for school children etc. It was during his Chairmanship that the IETE Hyderabad Centre won the ‘Best Centre Award’ for the first time. The excellent traditions set up and the values and work culture carefully and lovingly nurtured by Prof. Rao have yielded results in the form of bagging the ‘Best Centre Award’ in the succeeding years also.

After his superannuation in 1993 as Principal of University College of Engineering, OU, he worked as Principal, MVSR Engineering College and Srinidhi Institute of Technology. Prof. C.V.S. Rao continues to be a source of inspiration and guidance to the IETE Hyderabad Centre in all its activities.

Prof. C.V.S. Rao passed away on 19th August, 2006.



THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS HYDERABAD CENTRE

☎ : 2709 8025

Cordially invites you to
1st Prof. C.V.S. RAO MEMORIAL LECTURE

by
Dr. G.R. BABU
Professor & Head of ECE Dept., KMIT, Hyderabad

on
**“MODERN ADVANCES IN ELECTROMAGNETIC
FIELDS FOR BIOLOGICAL SYSTEMS”**

Felicitations of Dr. G.R. Babu on Fifty Glorious Years of Teaching

Dr. V. GUNASEKHAR REDDY
Chairman, IETE, Hyderabad Centre
will preside

On Friday, 5th February, 2009 at 6.30 P.M.
at IETE, OU Campus, Hyderabad

K. Subbi Reddy
Honorary Treasurer, IETE

Prof. C.R. Sarma
A/c Honorary Secretary, IETE
& Chairman, Programmes Committee

The programme followed by Dinner

SYNOPSIS

MODERN ADVANCES IN ELECTROMAGNETIC FIELDS FOR BIOLOGICAL SYSTEMS

ELECTROMAGNETIC FIELDS APPLICATIONS IN BIOELECTRONICS

Biomedical or Bioelectronic signal is the source for many useful applications in bio feedback. Electric and magnetic fields associated with changes in current are key points in biological communications, computer communications and human communications. Brainwave fields and cells as a computer with a fixed hardware but whose software is continuously changing through life from experiences and feedback.

Simulation studies in UFM signal of a body such as skin, flesh, bones, blood and neurology are very interesting from electromagnetic fields point of view and even radiation studies as simulated antenna networking is another crucial issue in bioelectronics.

DNA Molecules, Motor Neuron and Memory Cells are excellent neural network tuned activities and information systems.

BIO-DATA OF Dr.G.R. BABU

Gurram Ravindra Babu native of Nellore, born in Rajamundry on 15th August, 1934. Educated all over Andhra Pradesh upto B.Sc. till 1954. Went to BITS Pilani in 1954 and stayed upto 1972. In BITS Pilani he did his M.Sc. (Wireless Course), M.Tech. (Electronics and Communication Engineering) in 1954-56 and 56-58 respectively. Joined as Staff in 1959 at BITS Pilani. Promoted to Associate Professor in 1965. Continued there till November, 1972. 1966-69 went to UK Common Wealth Research Fellow at Imperial College of Science and Technology (University of London). Completed Ph.D. in Microwave Engineering / Micro Striplanes and microwave Integrated Circuits. 1972-1976 he was at Sri Venkateswara University Engineering College as Professor & Head of Electronics and Communication Engineering where he started the ECE Department and Research facilities at Sri Venkateswara University. His first Ph.D. student (1975) was Vanmali Rawat. This was supported by Dept. of Atomic Energy, Mumbai. In 1976 Dr.G.R.Babu shifted to JNTU Hyderabad as Head, ECE Dept. and once more started the Department in JNTU. He also started CSE Dept. and Computer Centre at JNTU Hyderabad during 1983-84. He retired in 1994 as the Director, IPGSR at JNTU. After retiring he continued to work as Professor - 3 years in Deccan College of Engineering & Technology, 1 year in Vasavi College of Engineering, 6 years in G. Narayanamma Institute of Technology & Science, 4 years in Swami Vivekananda Institute of Technology. Currently he is working in Kesav Memorial Institute of Technology as Professor & Head. He started ECE Department in all the above colleges. 10 Ph.Ds, 3 International papers, 6 National papers, 16 Research papers are the contributions of this eminent personality. Interested in Bio-Medical Electronics and Effects of Electromagnetic Fields on Biological System which also happens to be the topic of the lecture.