



# Indian Institute of Technology Kanpur

## Department of Electrical Engineering

Professor KR Sarma Distinguished Lecture Series in Electrical Engineering

The Inaugural Lecture in the series will be delivered  
by

**Professor V.S.Ramamurthy**

DAE Homi Bhabha Chair Professor  
Inter-University Accelerator Centre, New Delhi

on

# TECHNOLOGY INTERMEDIATION

Date: 28.02.2008 (Thursday)

Venue: L14

Time: 05:30 PM (Tea will be served at 05:15 PM)

### ABSTRACT

Mind to marketplace has always been a challenge to countries and institutions that invest in Science and Technology for economic returns. The technology transfer chain has multiple links with laboratory research on one end and the marketplace on the other with innovation and entrepreneurship in the middle. With increasing vertical specialization in new and emerging domains, globalized marketplace and rigid enforcement of Intellectual Property Rights, a seamless transfer of technologies from mind to marketplace demands new enabling mechanisms. Technology intermediation may be termed as the sum total of all such enabling mechanisms. In this talk, speaker will share some of his thoughts on Technology intermediation based on his experience in the Department of Science and Technology and outside.

### About the speaker



Professor VS Ramamurthy, is currently Homi Bhabha Chair Professor and Chairman of the Board of Governors, IIT Delhi. He was Secretary to the Government of India, Department of Science and Technology (DST), New Delhi (1995-2006). Under his leadership the DST took several new initiatives towards the promotion of science and technology in the country. These

include efficient development, transfer and commercialization of technologies developed in the laboratories. He initiated schemes such as Kishore Vigyanik Protsahan Yojana, Fast Track Research grants and Swarnajayanti Fellowships to identify, nurture and support young students and scientists

Born in 1942, Professor V.S. Ramamurthy had his early education in Tiruchirapalli, Tamil Nadu. After obtaining his M.Sc. Degree from Madras University in 1963 he joined the Training School of the then Atomic Energy Establishment, (present BARC). His work on Fission Theory earned him the Ph.D. in 1971. In 1989, he moved to Institute of Physics, Bhubaneshwar as Director.

Nation's highest civilian award, Padma Bhushan has been bestowed on Prof Ramamurthy for his contributions to the Science & Technology. Professor Ramamurthy has earned the fellowships of all Science and Engineering Academies in India (INSA, IAS, NAS, INAE). He is also a fellow of the Third World Academy of Sciences (Trieste, Italy) and World Innovation Foundation (UK). He has delivered numerous distinguished lectures and has been awarded Honorary Doctorate degrees by several Universities.

### Prof. KR Sarma Distinguished Lecture Series in Electrical Engineering



Professor Kalluri Ramalinga Sarma, affectionately known as 'KRS', can be best described as a creator of institutions. He joined the Electrical Engineering Department at IIT Kanpur in 1961 after completing B.Tech (Hons.,1957), M.Tech (1958) from IIT Kharagpur and Ph.D (1961) from Cornell University. Working closely with Prof. Kelkar, the visiting Professors from KIAP program and young colleagues, Prof. Sarma put together a curriculum that became a bench-mark for other institutions in the country. He was the Dean of Research and Development at IIT Kanpur and was also the Head of

EE-ACES (76-79). Professor Sarma strove to build the institute in its research activities. His contributions dot the campus in the form of ACES, LTP, CAD Centre and the Television Centre. His latest addition in this list is the Samtel Centre for Display Technology, a unique blend of academic, industrial, and government collaboration.

In 1988 he moved to the DST in Delhi and played a key role as an advisor in National Programs in Instrumentation, Lasers and Robotics. From 1991-97 he was the Director of the Central Scientific Instrument Organization (CSIO), Chandigarh. After retiring from CSIR, Prof. Sarma joined the Samtel Group as an Advisor. Professor Sarma is a recipient of the first Outstanding Teacher Award at IIT Kanpur. In recognition of his outstanding contribution, the Board of Governors of IIT Kanpur conferred upon Prof. KR Sarma the title of Honorary Institute Fellow of IIT Kanpur in 2007.

The Lecture series is instituted by Prof. Dr. K. Srinageswari, wife of Prof. KR Sarma as a recognition to his dedication to IIT Kanpur for 28 long years and which is still continuing. Dr. Srinageswari did her MBBS from Banaras Hindu University, MD from GSVM Medical College Kanpur in Physiology. She worked as Scientific Officer at IIT Kanpur, Scientist at Defence Institute of Physiology and Allied Sciences (DIPAS) and as Professor and Head of Physiology at Government Medical College Chandigarh and Hindustan Institute of Medical Sciences and Research, Greater Noida. She has done pioneering work on "Microwave Radiation Effects on Biological Systems" and "Medical Education" and has 50 publications, 4 awards and has written 4 books in Physiology.