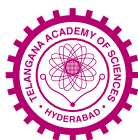


I N V I T A T I O N



TAS

Telangana Academy of Sciences

Cordially invites you to the



Dr. Y. Nayudamma Memorial Lecture

by

Prof. V. Ramgopal Rao

Group Vice-chancellor, BITS, Pilani

On

*"Innovating for Impact:
Bridging Science, Industry and Society"*

on 7th November 2024 Thursday, at 4.00p.m.

Venue

Vivekananda Auditorium, CSIR-IICT
Uppal Road, Hyderabad

Chief Guest

Dr. A.V. Rama Rao

Chairman, AVRA Laboratories

Dr. Ch. Mohan Rao

President, TAS

Prof. S. Satyanarayana

Gen. Secretary, TAS

Note: High Tea at 3:30 p.m.

Prof. Y. Nayudamma



Dr. Yelavarthy Nayudamma revolutionized India's leather industry. Perhaps no other scientist has been as popular and respected, both in India and abroad, where leather is one of the major industries. Born in Guntur on September 10th, 1922, he was a chemist and chemical engineer by training.

As the Director of the Central Leather Research Institute (CLRI) in Chennai, he was instrumental in not only developing groundbreaking technologies but also convincing tanners to adopt these innovations, fundamentally improving their lives. Beyond his tenure at CLRI as its Director, Dr. Nayudamma served as the Director General of CSIR, Vice-Chancellor of Jawaharlal Nehru University, and adviser to many state governments and international bodies, including the United Nations.

He was also a member of the Scientific Advisory Committee to the Cabinet of India and the President of the Andhra Pradesh Academy of Sciences, which became the Telangana Academy of Sciences upon state bifurcation. Through his experienced advice, he contributed significantly to matters concerning planning and industry.

Dr. Nayudamma is remembered as an illustrious son of the nation who earned international acclaim. Tragically, he passed away on June 23rd, 1985, in the Air India aircraft disaster over the Atlantic. His legacy continues to inspire and impact the scientific community and beyond.

Prof. V. Ramgopal Rao



Prof. V. Ramgopal Rao is an eminent scientist, technologist, and educator. His research led to deeper understanding of the impact of materials and device-design on nanoscale electron transport. Applications developed by his team with CMOS-SoC are now embedded in numerous ICs sold globally.

Prof. Rao co-founded two pioneering deep technology startups: 'Nanosniff', which developed an explosive trace detector, and 'Soilsens', aimed at making agriculture more profitable for farmers. With over 500 published research papers and more than 50 patents-around 15 of which are licensed for commercial use-his contributions to science and technology are remarkable.

He has been honored with over 40 prestigious awards, including the Infosys Prize, the Shanti Swarup Bhatnagar Award, the IEEE EDS Education Award, and the Swarnajayanti Fellowship. Prof. Rao is an elected Fellow of the IEEE, The World Academy of Sciences (TWAS), the Indian National Academy of Engineering (INAE), the Indian Academy of Sciences (IASc), the National Academy of Sciences (NASI), and the Indian National Science Academy (INSA).

Born in the village of Kollapur in Telangana, Prof. V. Ramgopal Rao obtained his B.Tech degree in Electronics and Instrumentation from Kakatiya University with distinction, and his M.Tech from IIT Bombay. He earned his doctorate in Nanoelectronics from Bundeswehr University Munich, Germany, in 1997, and was a Post-doctoral Fellow at the University of California, Los Angeles from 1997 to 1998.