

Dr. K.V. Raghavan
INAE Distinguished Professor
Member, Atomic Energy
Regulatory Board
Chairman, Research Council,
CLRI, Chennai



Tel: (O) + 91 40 27193119
+ 91 40 27160387
Email: kondapuramiict@yahoo.com

Dr. K V Raghavan (DOB: 01.10.1943) is a Fellow of the National Academy of Engineering, Indian Institute of Chemical Engineers (IIChE) and A.P. Academy of Sciences and a Distinguished Fellow of University of Grants Commission (UGC). He did his B.Tech from Osmania University in 1964; M.S. and Ph.D from the Indian Institute of Technology (IIT), Madras. He joined CSIR service in 1964 and worked in three national laboratories. He was appointed as the Director of Central Leather Research Institute (CLRI), Chennai in 1994. He took over the Directorship of Indian Institute of Chemical Technology, Hyderabad in 1996. On successful completion of this tenure, he was appointed as the Chairman of Recruitment and Assessment Centre of DRDO, Ministry of Defence, Government of India in May 2004. Dr. Raghavan has been chosen as the INAE Distinguished Professor for 2008-2013.

Chemical process development and design, reaction engineering, simulation and modeling and chemical hazard analysis are his areas of specialization. His basic research contributions cover simulation of complex reactions in fixed bed reactors, hydrodynamics of multiphase reaction systems, envirocatalysis for clean processing, zeolite catalysis for macromolecules, thermochemistry and kinetics of charge transfer polymerization and modeling of chemical accidents.

He published more than 100 papers, filed 45 patents and edited 3 books. His applied research efforts, covering a time span of three decades, contributed to the successful development of more than 25 chemical processes with high industrial impact in bulk organics, specialities, oil field chemicals and fluoroorganics. He made significant contribution to the technological upgradation of leather, agrochemical and drugs/pharma sectors.

Dr. Raghavan is currently the Member of Atomic Energy Regulatory Board and the Director of Heavy Water Board (Govt. of India), Mumbai, Godavari Sugar Mills (Mumbai) and Suven Life Sciences (Hyderabad). He is the Chairman of the Programme Management Committee (PMC) for the establishment of India's first full fledged Biotechnology Incubator (DBT-CSIR- Govt. of AP), Technology Advisory Committee (TAC) of DSIR, and CSIR Working Group on Leather for 11th Five Year Plan and Monitoring Committee of CSIR Network Project on industrial waste minimization and clean up. He is a member of PMC of multi-institutional programme of CHT-CSIR-DRDO for the development of Synthetic Aviation Lubricants and Emerging Technology Programme of DST, Govt. of India and Awards Committee of Nuclear Society of India.

Dr. Raghavan is currently the Chairman of the Research Council of CLRI, Chennai, and member of the senate of BITS, Pilani. He was represented on the Academic Councils of Anna University and School of Chemistry of Hyderabad University. He served as Honorary Professor at Anna University and Indian Institute of Technology (Kharagpur) and as member of the Research Councils of GAIL, IOC (R&D), NCL (Pune), RRL (Bhubaneswar), CFRI (Dhanbad) and CPPRI (Saharanpur).

He was the member of Scientific Advisory Committee of the Ministries of Petroleum and Natural Gas and Health of Government of India. He was represented on the high level committees of Govt. of A.P on natural gas utilization and establishment of pharma research and development fund. He was the past President of Indian Institute of Chemical Engineers and A.P. Academy of Sciences.

Dr. Raghavan visited more than 25 countries in North and South America, Europe, Russia, Caribbean, Africa, Middle East, Far East and South East Asian regions under bilateral and multilateral programmes with NSF (USA), European Commission (Brussels), Hungarian and USSR Academy of Sciences, UNDP, UNIDO, Commonwealth Science Council, Japanese Institute of Chemical Research and Asia Pacific Council for Chemical Engineering.

Dr. Raghavan is the recipient of the Hindustan Lever Award of the Most Outstanding Chemical Engineer, NRDC Invention Promotion Award, Pilot Officer D V Ranga Reddy Gold Medal, J N Sinha Roy Memorial, ChemTech Foundation and A.P. Academy of Sciences Awards.



INDIAN INSTITUTE OF CHEMICAL ENGINEERS

HYDERABAD REGIONAL CENTRE

Dr. M. P. Chary Memorial Lecture

Friday, 19th June 2009 at 11.00 A.M.

Venue:

University College of Technology Auditorium

Osmania University, Hyderabad-500 007



PROFILE OF LATE SRI M. P. CHARY

Sri M. P. Chary was a multifaceted personality. He can be described as a **pioneer, innovator, bold, humble, visionary and industrialist**. But the most enduring of all, was his **humility and ethical values**. His numerous talents and genius was firmly grounded in abundant **"common sense"**. His ability to find uncanny and simple solutions to complex issues and problems, was his greatest strength.

Coming from a small town rural background, Mr. Chary, embarked into the exciting world of pharmaceuticals after completing his B.Sc., starting with IDPL in Hyderabad. His pioneering and entrepreneur spirit motivated him to venture into manufacturing low cost detergents, but could not sustain, the lack of sales and marketing expertise. The set back taught him invaluable lessons in entrepreneurship. His resolve to make it big on his own, was reinforced.

He went back to the pharmaceutical industry as part of the, extraordinary team of technopreneurs, which included Dr. K. Anji Reddy in Uniloids. India's first, private sector, bulk drugs manufacturing enterprise. The foundations of the bulk drug capital, which now, Hyderabad is, rests on the foundations laid for Uniloids. The rest as the saying goes, is history. Mr. Chary's outstanding contribution during his stint in Uniloids and later in Standard Organics, in setting up the largest sulphamethoxazole manufacturing facility in the world has no parallel. Mr. Chary's technical genius and general management capabilities where tested and flourished, during this phase.

A new beginning was made in 1984, when along with Dr. K. Anji Reddy and Mr. Chary, as the founding Managing Director, established Dr. Reddy's Laboratories Limited in Hyderabad. This extraordinary combination of a visionary and enterprise builder, between Dr. Reddy and Mr. Chary as the CEO, went on to create the most admired pharmaceutical company in India. DRL became synonymous with, pioneering spirit, innovation and outstanding execution. Today, the world acknowledges DRL's contribution to the Indian pharmaceutical industry, while the company is emerging to make its presence felt on the global arena. During this phase (1984 to 1996) Mr. Chary emerged as a true **business leader** and an **industrialist**.

Mr. M. P. Chary parted from DRL in 1996 while he was the Vice-Chairman of the company, to set up his own enterprise. The beginning of Chary's Group. He took on the challenge of building new enterprise, while keeping away from pharmaceuticals. As an entrepreneur industrialist, he established "Chary's Group" consisting of Elbit Medical Diagnostics Limited, Magene Life Sciences Private Limited, Globarena Technologies Private Limited.

As Founder and Chairman of the listed companies, Late Sri M. P. Chary excelled as an entrepreneur and visionary. He was totally involved in guiding, directing and building new companies, till his sudden demise in September 2005. He has left behind a **great legacy and inspiration**. As a business leader Mr. Chary has not only set up pioneering knowledge driven industries but has left behind a team of outstanding professionals who are capable and committed to realize his dreams.

INDIAN INSTITUTE OF CHEMICAL ENGINEERS

HYDERABAD REGIONAL CENTRE

Cordially invite you to the

Dr. M. P. Chary Memorial Lecture

by

Dr. K.V. RAGHAVAN

INAE Distinguished Professor
(Former Director, IICT, Hyderabad)

on

"Exciting Chemical Engineering Opportunities in Multidisciplinary Application Domains"

on

Friday, 19th June 2009 at 11.00 A.M.

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