

## ABOUT THE SPEAKER



**Dr. K. SAINATH**  
Managing Director  
Clair Engineers. Pvt. Ltd

He is a Chemical Engineering Graduate from University College of Technology, Osmania University(1973), M. Tech from Regional Engineering College Warangal(1975) and Ph. D from I.I.T. Delhi(1982).As a research scholar while working at IIT, Delhi, he had worked in a number of Projects in the area of Gas-Solid Separations. He has got over 26 Years of experience and expertise in the field of Design, Engineering and Supply of Air Pollution Control Equipments.

He underwent training on Pollution Control Equipment: Application Engineering and Gas distribution at Environmental Elements Corporation (ENELCO), USA.

He worked as a Sr. Design Engineer in Pollution Control and Pneumatic Conveying Systems in INDICON, New Delhi. As Head, Pollution Control Equipment Division in APHMEEL, AP in collaboration with ENELCO, USA he was responsible for design, supply, erection and commissioning of APC equipment. He also involved in indigenization of complete Technology of ESPs and bag filters. As Promoter and Managing Director of Clair Engineers Pvt. Ltd from 1992, developed high pressure multistage centrifugal blowers in technical collaboration with National Aeronautical Laboratories, Bangalore. He has designed and supplied multiphase centrifugal blowers to several VSK Cement plants for the first time in India .

He had completed more than 400 air pollution control projects in India and abroad in Cement, Power, Sugar and Steel sectors involving large size Reverse Air Bag House, Pulse Jet Bag Filter, Electrostatic Precipitators etc. He is also engaged in extending technical consultancy services in the following areas: Process, Energy and Environmental Audits, Process Optimization services, Operational consultancy services, Turnkey consultancy services for Greenfield projects, Refurbishing and Reengineering of plant and equipment in process industries.

As a guest faculty he has conducted training courses on pollution control equipment at various organizations such as NCBM, NTPC, State Pollution Control Boards, Engineering Staff Collage of India, Institution of Engineers etc.

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7.00 PM	Welcome address	: Sri V. Sridharan Chairman, HRC
7.10 PM	Address by Guest of Honour	: Sri C.P. Ramulu Vice-President, IICChE
7.20 PM	About Sri M. P. Chary Memorial Lecture	: Sri A. Bhasker Reddy Past President, IICChE
7.30 PM	5 <sup>th</sup> Sri M. P. Chary Memorial Lecture	: Dr. K. Sainath M.D., Clair Engineers Pvt., Ltd.
8.30 PM	Presentation of Mementoes	: Sri Anantha Chary, CMD Elbit Medical Diagnostics Ltd.
8.40 PM	Vote of thanks	: Dr. Y.V.D. Nageswar Hon. Jt. Secretary, HRC

**Dinner**

**IICT, New Canteen**



# INDIAN INSTITUTE OF CHEMICAL ENGINEERS HYDERABAD REGIONAL CENTRE

Cordially invite you to the

## 5<sup>th</sup> Endowment M. P. Chary Memorial Lecture

(Instituted by Sri Anantha Chary, CMD, Elbit Medical Diagnostics Ltd. in memory of his father)

by

**Dr. K. Sainath**  
Managing Director  
Clair Engineers Pvt. Limited

on

## The Role of Chemical Engineering in Control of Air Pollution in Process Industries

**Sri C. P. Ramulu**  
Vice-President IICChE  
will be the Guest of Honour

on

**Friday, 25<sup>th</sup> May 2012 at 7.00 PM**

### VENUE

**New Lecture Hall (II floor), Main Building  
Indian Institute of Chemical Technology  
Taranaka, Hyderabad-500 607**



## PROFILE OF LATE 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 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.

## HYDERABAD REGIONAL CENTRE INDIAN INSTITUTE OF CHEMICAL ENGINEERS

The Indian Institute of Chemical Engineers with its head office at Calcutta and its regional centers spread through out the country holds national and international seminars, workshops and meetings so that its members can learn, understand and interact among themselves.

Some of the goals of the Institute are, to promote the advancement of chemical engineering science and to maintain professional standards among its members. Further, it serves as authoritative body on matters concerning the teaching and profession of chemical engineering and also publishes journals. The institute conducts examinations grants, awards donations, scholarships and certificates to such persons as may be deemed fit.

The Hyderabad regional Centre (HRC) with its office at Lingapur-la-builde complex, Amrutha Estates, Himayatnagar has involved in many activities such as organizing seminars and lectures, conducting industrial tours etc. it has successfully conducted the 23rd and 39th Annual Indian Chemical Engineering congress in the years 1970 and 1986 respectively. The HRC has conducted CHEMCON-2002, 55th Annual Indian Chemical Engineering congress during 19-22 December, 2002 under the stewardship of Dr. K. Anji Reddy (NOC Chairman). Dr. K. V. Raghavan (LOC Chairman) and Prof. S. Venkateshwar (Organizing Secretary). This event was a trend setter in many ways and was a grand success, once again depicting the organizing capabilities of the Hyderabad Regional Centre.

HRC had organized many national seminars which include Cement, pulp & Paper, Fertilizers, Drugs & pharmaceuticals, safety in chemical industries, Alcohol sources and industries, problems & prospects of pollution control in chemical industries in A.P.- Retrospect's and prospects of Specialty Chemicals, and in September 2005 on "Nuclear Materials and Seamless Pipe Products" and in September 2007, organized National seminar on 'Profile of Zirconium Industry in India' which is part of the Diamond Jubilee celebrations of IChE. HRC has also conducted a National Seminar on "Green Process Technologies", on 10th April 2010 as part of the on going Golden Jubilee celebrations of HRC.

HRC has been conducting Late M. P. Chary Endowment Memorial Lectures for the last four years. Inaugural lecture was delivered by Dr. A. V. Rama Rao, Former Director IICT in the year 2008. The second lecture was delivered by Dr. K. V. Raghavan, former Director of IICT in 2009, the third lecture was delivered by Sri D. P. Misra, Director, TCE in 2010 and the fourth lecture was delivered by Sri K. Venkataraman, President (Operations), L&T Limited in 2011.

Catch them young is a slogan which is apt for a professional body and the students who are going to be the pillars of our profession are inducted into the main arena through innovative schemes. All colleges are encouraged to start the student's chapters. In the past four years, HRC has been conducting number of programs for the student's Chapters affiliated to it and the prizes are given away under the Endowments scheme of Dr. B. V. Raju, Sri Allam Pandu, Prof. V. Gopala Krishnan and recently Late M. P. Chary endowment fund.

### Student chapters of I.I.Ch.E, HRC

- ❖ University College of Technology, Osmania University, Hyderabad
- ❖ Dept. of Chemical Engineering, National Institute of Technology, Warangal
- ❖ Dept. of Chemical Engineering, Chaitanya Bharati Institute of Technology, Hyderabad
- ❖ Padmasri Dr. B. V. Raju, Institute of Technology, Vishnupur, Narsapur, Medak District
- ❖ Dept. of Chemical Engineering, DVR College of Engineering & Technology, Kandi, Medak
- ❖ Dept. of Chemical Engineering, JNTU College of Engineering, Anantapur (JNTUCEA)

JNTUCE Anantapur student Chapter had organized the Second Annual Session of Students Indian Chemical Engineering Congress (SCHEMCON-2006) and this mega event was a great success.