



# INDIAN INSTITUTE OF CHEMICAL ENGINEERS

## HYDERABAD REGIONAL CENTRE



Cordially invite you to the

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

(Instituted by Sri Ananta Chary, CMD, Globarena Technologies Pvt Ltd & Elbit Medical Diagnostics Ltd.)

by

**Prof. J. B. Joshi**

Homi Bhabha National Institute  
J.C. Bose Fellow & Former Director  
Institute of Chemical Technology (ICT), Mumbai

on

**“Recent opportunities in non-conventional energy”**

**Dr. S. Chandrasekhar**

Director, CSIR-IICT, Hyderabad

will be the Chief Guest

**Sri G. V. Sethuraman**

President, IICChE

will be the Guest of Honour

on

**Thursday, 6<sup>th</sup> August 2015, at 18.30 hrs.**

**VENUE**

Auditorium

**CSIR-Indian Institute of Chemical Technology  
Tarnaka, Hyderabad-500 007**

## PROFILE OF LATE M. P. CHARY



Sri M. P. Chary was a multifaceted personality. He could 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 great strength.

Coming from a small town with rural background, Mr. Chary embarked into the exiting world of pharmaceuticals after completing his graduation in science, starting with IDPL in Hyderabad. His pioneering and entrepreneur spirit motivated him to venture into manufacturing low cost detergents, but could not sustain, due to the lack of sales and marketing expertise. The setback 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 drug manufacturing unit. 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 geniuses and general management capabilities were tested and flourished during this phase.

A new beginning was made 1984, when along with Dr. K. Anji Reddy and Mr. Chary as the founding Managing Director, established Dr. Reddy's Laboratories Limited (DRL) 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 (1984-1996) Mr. Chary emerged as a true business leader and industrialist.

Mr. M. P. Chary parted from DRL in 1996 while he was the Vice-Chairman of the company to setup his own enterprise. The beginning of Chary's Group was laid. He took on the challenge of building new enterprise while keeping away from pharmaceuticals. As an entrepreneur, industrialist 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 setup pioneering knowledge driven industries but has left behind a team of outstanding professionals who are capable and committed to realize his dreams.

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### Student Chapters of IICHe-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
- ❖ Dept. of Chemical Engineering Padmasri Dr. B. V. Raju Institute of Technology, Medak
- ❖ Dept. of Chemical Engineering, Anurag Group of Institutions-CVSR, Ghatkesar, Hyderabad
- ❖ Dept. of Chemical Engineering, BITS Pilani, Hyderabad Campus, Hyderabad
- ❖ Dept. of Chemical Engineering, JNTU College of Engineering, Anantapur (JNTUCEA)

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

# HYDERABAD REGIONAL CENTRE INDIAN INSTITUTE OF CHEMICAL ENGINEERS

The Indian Institute of Chemical Engineers with its Head office at Kolkata and its 33 Regional Centres spread throughout 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 Sciences 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, awards donations, scholarships and certificates to such persons as may be deemed fit.

Hyderabad Regional Centre (HRC) with its office at 3-6-237/611, La'Builde, Lingapur House premises, Himayatnagar has involved in many activities such as organising seminars, lectures and conducting industrial tours etc. HRC has successfully conducted the 23<sup>rd</sup> and 39<sup>th</sup> Annual Indian Chemical Engineering Congress in the years 1970 and 1986 respectively. It has also conducted 55<sup>th</sup> Annual Indian Chemical Engineering congress CHEMCON-2002, in December 2002 under the stewardship of Dr. K. Anji Reddy, Dr K. V. Raghavan and Prof. S. Venkateshwar. This event was a trendsetter in many ways and was a grand success, once again depicting the organising capabilities of the HRC. HRC has conducted successfully one year Work Integrated Learning Program (WILP) for Dr. Reddy's Laboratories Limited (DRL) Employees certificate course in Chemical Technology in 2014-15 which was well appreciated by DRL.

HRC has organised many national seminars which include cement, pulp & paper, fertilisers, drugs & pharmaceuticals, safety in chemical industries, alcohol sources and industries, problems and prospects of pollution control in chemical industries in Andhra Pradesh-retrospect's and prospects of speciality chemicals and organised a seminar on "Nuclear Materials and Seamless pipe products", in September 2005. Organised a national seminar on "Profile of Zirconium Industry in India", in September 2007 as a part of the Diamond Jubilee celebrations of IICHe and also conducted a national seminar on "Green process Technologies", in April 2010 as part of the Golden Jubilee celebrations of HRC.

Sri Ananta Chary, CMD, Globarena Technologies Pvt Ltd & Elbit Medical Diagnostics Ltd had instituted endowment fund with IICHe-HRC for the promotion of awareness of Chemical Engineering and to give a platform for sharing/informing among the community in memory of his father Late M. P. Chary, a scientist and an entrepreneur, Former Managing Director of Dr. Reddy's Laboratories Limited. HRC has been conducting Late M. P. Chary Memorial Lecture at Hyderabad since 2008 for the last seven years delivered by distinguished personalities as given: Inaugural lecture was delivered by Dr. A.V. Rama Rao, former Director, CSIR-IICT in the year 2008. The second lecture was delivered by Dr. K.V. Raghavan, former Director, CSIR-IICT & IICHe Past President, in the year 2009, the third lecture was delivered by Sri D.P. Misra, former Director TCE & IICHe Past President in 2010, and the fourth lecture was delivered by Sri K. Venkataramanan, President (operations) L&T Limited & IICHe Past President in 2011. Fifth lecture was delivered by Dr. K. Sainath, Managing Director, Clair Engineers Pvt Ltd in 2012. Sixth lecture was delivered by Prof. G.D. Yadav, Vice Chancellor, ICT, Mumbai & IICHe Past President in 2013. Seventh Lecture was delivered by Dr. P. Parthasarathy, Managing Director of E-PARISARAA Pvt Ltd, Bangalore in 2014.

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 chapters affiliated to it and the prizes are given away under the endowment schemes of Dr. B.V. Raju, Sri Allam Pandu, Prof. V. Gopala Krishnan.

## ABOUT THE SPEAKER



**Prof. J.B. Joshi**

Prof. J B Joshi is J C Bose fellow of Institute of Chemical Technology(ICT), Mumbai, Emeritus Prof. at Homi Bhabha National Institute, Mumbai and Adjunct Professor, TIFR, Mumbai. Born on May 28, 1949 in Masur (Dist: Satara), Maharashtra. He obtained Bachelor and Doctorate degrees in Chemical Engineering from the University of Mumbai. He joined the faculty in 1972 in the University Department of Chemical Technology (UDCT, now ICT) and held the position of Director during 1999-2009.

His progress as an independent researcher has been phenomenal in all respects: teacher, scholarly writer and also as the most wanted consultant in the Chemical Industry in India and abroad. This is evident from the list of his publications,(429) and extraordinary citations [10772, Google Scholar] to his credit. He continues to be very productive and has graduated 69 Ph.D.'s, 59 Masters and supervised 20 Post-doctoral students. His areas of interest are computational fluid Dynamics (CFD),Fluid Mechanics, Multiphase Reactor Design, Solar Energy etc..

He has invented novel designs which are far superior in performance and less expensive in capital and operating costs. Prof. Joshi has developed novel designs for cooker and stoves with thermal efficiencies of 50 to 60% as compared with conventional numbers in developing world in the range of 12 to 20%. In the developing world more than 300 billion dollar worth energy is used in household cooking. Prof. Joshi has been very active in promoting science awareness in society holding about 300 workshops. He has 42 years of research and teaching experience. He has 26 awards and Honours, notably among them are: Science Academy Medal for Young Scientist(1981) by Indian National Science Academy, Fellow of Indian Academy of Science(1991), Shantiswarup Bhatnagar Award for Engineering sciences(1991), Selected as a Diamond during the Diamond Jubilee Function of the Department of Chemical Technology, University of Mumbai(1994).Professor Joshi has been honoured, both academically and socially by several prominent institutions. The Government of India Honoured him with Padma Bhushan(2014). He was selected as diamond by the Indian Institute of Chemical Engineers(CHEMCON 2007) for his outstanding contribution for the growth of Chemical Industry, Chemical Engineering Education and Research in India.

## PROGRAMME

18.30hrs	Welcome address	Dr. Vijay Kale Chairman, IICHe-HRC
18.35hrs	About Late M.P Chary Memorial Lecture	Sri A. Bhasker Reddy Past President, IICHe
18.45hrs	Address by Guest of Honour	Sri G. V. Sethuraman President, IICHe
18.55hrs	Address by Chief Guest	Dr. S. Chandrasekhar Director, CSIR-IICT, Hyderabad
19.05hrs	8 <sup>th</sup> M. P. Chary Memorial Lecture	Prof. J. B. Joshi Homi Bhabha National Institute, Mumbai
20.00hrs	Presentation of Memento	Sri Ananta Chary, CMD Globarena Technologies Pvt Ltd
20.10hrs	Vote of thanks	Sri M. Misra Hon. Secretary, HRC
	Dinner follows	