

## About the Speaker:



Dr. Ravindra Gudi is currently the Dean (Alumni & Corporate Relations) at IIT Bombay. Prior to this position, he was the Professor-in-Charge of the IIT Bombay Research Park Foundation and has also served as Head at Department of Chemical Engineering, and the Professor-in-Charge of Continuing Education and Quality Improvement Program at IIT Bombay. He also holds the Institute Chair Position in Artificial Intelligence and Machine Learning. He earned his B-Tech and M-Tech degrees from IIT Bombay and a PhD from the University of Alberta (1995). His research interests lie broadly in process systems engineering & green engineering, i.e. modelling, optimization, control and fault diagnosis of process systems, sustainability in industrial practices.

Dr. Gudi has served as a Visiting Professor at the Department of Chemical Engineering, University of Alberta, Canada (1997), Department of Chemical Engineering, University of Wisconsin- Madison (2003-04), and the EECE Department at Washington University in St. Louis. Dr. Gudi has published over 150 scopus indexed papers and has 9 US patents to his credit, in various areas of process systems engineering. He has guided over 60 PhD and M.Tech students in their research at IIT Bombay.

Dr. Gudi is a Fellow of the INAE, and a recipient of several awards including the Canadian Commonwealth Fellowship by the Government of Canada (1991-1995), Lovraj Kumar Memorial Award for promotion of Industry Academia Interaction, (July 1998 - January 1999) Manudhane Applied Research Award (2006), Herdillia Award for Excellence in Basic Chemical Engineering (2009). He is also an Associate Editor of the IFAC journal of Process Control and Guest Editor for Control Engineering Practice. He serves on several technical committees of IFAC. He has also been an active consultant to the industry in India and abroad.



**Indian Institute of Chemical Engineers**  
**Hyderabad Regional Center**  
**(IICChE-HRC)**

in association with

Department of Chemical Engineering  
University College of Technology [A]  
Osmania University (UCT-OU), Hyderabad



Cordially invites you to the

**15th M. P. Chary Memorial Lecture**  
(Instituted by Sri M. Anantha Chary,  
CMD, ELBIT Medical Diagnostics Pvt. Ltd. &  
COEMPT EDUTECK Pvt. Ltd. & )

by

**Prof. Ravindra Gudi**

Dean (Alumni and Corporate Relations),  
Professor of Chemical Engineering,  
IIT Bombay ( mumbai)

on

**" Exciting Opportunities in Digitalization ,  
AI&ML "**

On

**Saturday, 25th June 2022 at 10.00am**

**Chief Guest**

**Senior Prof. Ch.Sailu**  
Principal, UCT, OU

**Guest of honour**

**Senior Prof. V.V.Basava Rao**  
Former President IICChE & Former Principal  
UCT, OU

**Convener**

**Dr.Sanjay Bhardwaj**  
Chairman, IICChE - HRC  
Scientist F and Head , Centre for Technology  
Acquisition and Transfer, ARCI

**Co-Convener**

**Dr.S.Ilaiah**  
UCT-OU Student Chapter Coordinator  
IICChE-HRC Secretary

## PROFILE OF LATE SRI M P CHARY



**Mr. 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 were firmly grounded in abundant 'common sense'. His ability to find uncanny and simple solutions to complex issues and problem was his great strength.**

Coming from a small town with rural background, Mr. Chary embarked on the pharmaceutical industry after completing his graduation in science, starting his career with Indian Drugs & Pharmaceuticals Ltd. (IDPL) in Hyderabad. His pioneering and entrepreneurial spirit motivated him to venture into manufacturing of low cost detergents, but could not sustain due to the lack of sales and marketing expertise. 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 Limited, in setting up the largest sulphamethoxazole manufacturing facility in the world has no parallel. A new beginning was made in 1984 along with Dr. K. Anji Reddy, wherein Mr. Chary shouldered the responsibilities as the founding Managing Director of Dr. Reddy's Laboratories Limited (DRL) in Hyderabad. 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. He took on the challenge of building new enterprise while keeping away from pharmaceuticals. As an entrepreneur, he established 'Chary's Group' consisting of Elbit Medical Diagnostics Limited, Magene Life Sciences Private Limited, and Globarena Technologies Private Limited. As a founder and Chairman of the listed companies, Late Mr. M. P. Chary excelled as an entrepreneur and a visionary. He was entirely 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 enterprises, but has left behind a team of outstanding professionals who are capable and committed to realize his dreams.

## ABOUT UNIVERSITY COLLEGE OF TECHNOLOGY [A], OSMANIA UNIVERSITY (UCT-OU), HYDERABAD

University College of Technology (UCT-OU), established in the year 1969, is one of the premier and the oldest colleges offering Chemical Engineering and Chemical Technology education in the country. The UCT is one of the campus colleges of Osmania University accorded with autonomous status. It has come a long way in emerging as one of the leading and sought-after Institutes with more number of disciplines. The College is known for its excellence in teaching and training the students in Chemical Engineering, Food Technology, Textile Technology at UG, PG and Ph.D levels and Chemical Technology, Biochemical Engineering and Bio-Technology at PG and PhD level and Pharmacy education at PG and PhD levels.

## ABOUT INDIAN INSTITUTE OF CHEMICAL ENGINEERS HYDERABAD REGIONAL CENTRE (IICHE-HRC)

The Indian Institute of Chemical Engineers (IIChE) with its Head office at Kolkata and its 41 Regional Centers as well as 157 Student Chapters spread throughout the country holds National and International conferences, seminars, workshops and meetings so that its members can learn, understand and interact among themselves. Major goals of the IIChE are to promote the advancement of Chemical Engineering Sciences and maintain professional standards among its members. Further, it acts as an authoritative body on matters concerning the teaching and the profession of chemical engineering as well as publishes journal, newsletter, monographs, proceedings of conferences/seminars/workshops etc.

Hyderabad Regional Centre (HRC) with its office at 3-6-237/611, La'Builde, Lingapur House, Himayath Nagar has been involved in many activities such as organizing conferences, seminars, lectures and conducting industrial tours etc. HRC has successfully conducted 4 Annual Indian Chemical Engineering Congress CHEMCON in the years 1970, 1986, 2002 and 2020 respectively.

CHEMCON-2002 conducted by the HRC under the stewardship of Dr. K. Anji Reddy, Dr. K.V. Raghavan and Prof. S. Venkateshwar was a trendsetter in many ways and was a grand success. Recently Indian Chemical Engineering Congress & 73rd Annual Session of Indian Chemical Engineers CHEMCON-2020 Jointly Organized by IIChE-Head Quarters and IIChE-Hyderabad Regional Centre under the leadership of Prof. V.V. Basava Rao, Dr. Sanjay Bhardwaj and Dr. Avijith Gosh was a grand success, and once again demonstrated the organizational capabilities of the HRC. HRC has organized International Conference on Recent Advances in Chemical Engineering and several National Seminars, Panel Discussions on multiple themes relevant to Chemical Engineering professionals and students. Recognizing the accomplishments of IIChE-HRC, Indian Institute of Chemical Engineers (IIChE) has conferred Best Regional Centre Award (Category "A") 2019 on the IIChE - HRC. Sri Mr. Anantha Chary, CMD, Elbit Medical Diagnostic Limited has instituted endowment fund with HRC for the promotion and awareness of Chemical Engineering and to provide a platform for exchange of ideas in memory of his father Late Sri M. P. Chary.

## STUDENT CHAPTERS OF IICHE-HRC ARE AS FOLLOWS:

- University College of Technology [A] , Osmania University (UCT-OU), Hyderabad
- Dept. of Chemical Engineering, National Institute of Technology, Warangal
- Dept. of Chemical Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad
- Dept. of Chemical Engineering, Padmasri Dr. B.V. Raju Institute of Technology, Medak
- Dept. of Chemical Engineering, Anurag University, Ghatkesar, Hyderabad
- Dept. of Chemical Engineering, BITS Pilani, Hyderabad Campus, Hyderabad
- Dept. of Chemical Engineering, JNTU College of Engineering, Hyderabad
- Dept. of Chemical Engineering, JNTU College of Engineering, Anantapur
- Dept. of Chemical Engineering, Rajiv Gandhi University of Knowledge Technologies (Student Chapter Started in 2020)

## ORGANIZING COMMITTEE

### Convener:

**Dr. Sanjay Bhardwaj**

Chairman, IICHe - HRC  
Scientist F and Head , Centre for Technology  
Acquisition and Transfer, ARCI

### Co-Convener:

**Dr. S. Ilaiah**

UCT-OU Student Chapter Coordinator  
IICHe-HRC Secretary

### Members:

- Prof. P. Shashikala, Vice-Chairperson, IICHe-HRC
- Dr. V. Pavan Kumar, Vice-Chairman, IICHe-HRC
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- Prof. V. Ramesh Kumar, HoD Chemical Engineering, UCT-OU
- Prof. J. Hayavadana, Vice Principal, UCT-OU
- Smt. Sheela, Former Chairperson, IICHe-HRC
- Sri C. P. Ramulu, IICHe-HRC

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- Sri. A. Bhasker Reddy, Former President IICHe
- Sri. G. V. Sethuraman, Former President IICHe
- Prof. S. V. Satyanaryana, Former President IICHe

IICHe - HRC has been conducting M.P.Chary Memorial Lecture since 2008  
by distinguished professionals as follows:

LECTURE	SPEAKER	DESIGNATION	YEAR
1	Dr. A.V. Rama Rao	Director, CSIR-IICT, Hyderabad	2008
2	Dr. K.V. Raghavan	Director, CSIR-IICT, Hyderabad	2009
3	Sri. D.P. Misra	Director, TCE Consulting, Mumbai	2010
4	Sri. K. Venkataramanan	MD & CEO, L&T Ltd, Mumbai	2011
5	Dr. K. Sainath	M D, Clair Engineers Pvt. Ltd., Hyderabad	2012
6	Prof. G. D. Yadav	Vice Chancellor, ICT, Mumbai	2013
7	Dr. P. Parthasarathy	CEO, Surface Chem Finishers , Bengaluru	2014
8	Prof. J.B. Joshi	Director, ICT, Mumbai	2015
9	Dr. Nudurupati Saibaba	Chief Executive, NFC, Hyderabad	2016
10	Sri. Ulhas V. Parlikar	Dy. Head, Geocycle India, Mumbai	2017
11	Sri. Ajith Rangnekar	Director General, Research & Innovation Circle of Hyderabad	2018
12	Sri. Vilas Tathavadkar	Senior Vice President, Aditya Birla S&T Company, Mumbai	2019
13	Dr. Sanjeev S. Katti	Director General, ONGC Energy Centre	2020
14	Dr. Shrikant Joshi	Professor, Division of Additive & subtractive Manufacturing, Dept. of Engineering Science, University West Sweden	2021

Catch them young is slogan which is apt for a professional body and therefore, the students - who are going to be the pillars of our profession -are motivated through innovative schemes. Scientific Model Making competition has been initiated this year. In the past years, HRC has been conducting number of programs for the student chapters affiliated to it and the prizes have been given away under the endowment schemes of Dr. B.V. Raju, Sri Allam Pandu , Prof. V. Gopalakrishna and Sri S.M. Rao.



**E-Certificates for all Participants**



For more details:  
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