



Indian Institute of Chemical Engineers (IIChE)

Kochi Regional Centre &

IIChE Student Chapter

Department of Chemical Engineering

Government Engineering College, Thrissur

Cordially invite you to the

GOLDEN JUBILEE LECTURE

**to commemorate the glorious
50 years of IIChE Kochi Regional Centre
(1976-2025)**

&

**THE OUTSTANDING CHEMICAL
ENGINEER AWARD CEREMONY
2025**

 **16th** December
2025 **1:30
PM**

 **Gloria Gopi Kumar Alumni Hall**
Govt. Engineering College, Thrissur

Topic Of Golden Jubilee Lecture

**Towards a Net-Negative Future:
Sustainability, Climate Action, and
the Hydrogen Economy**



Chief Guest & Distinguished Speaker

Padmashri Professor G. D. YADAV

Past President, IIChE

Emeritus Professor of Eminence and Former Vice Chancellor
Institute Of Chemical Technology, Mumbai



About The Chief Guest And Distinguished Speaker

Padmashri Professor G. D. YADAV

Past President, IICChE
Emeritus Professor of Eminence and Former Vice Chancellor
Institute Of Chemical Technology, Mumbai

Professor G.D. Yadav, is one of the topmost, highly prolific and accomplished engineering-scientists in India. He is internationally recognized by many prestigious and rare awards as an academician, researcher and innovator, including his seminal contributions to education, research and innovation in Green Chemistry and Engineering, Catalysis, Chemical Reaction Engineering, Energy Engineering, Biotechnology, Nanotechnology, and Development of Clean and Green Technologies. For 10.5 years, he served as the Founding Vice Chancellor and R.T. Mody Distinguished Professor, and Tata Chemicals Darbari Seth Distinguished Professor of Leadership and Innovation at the Institute of Chemical Technology (ICT), Mumbai. Under his dynamic leadership, ICT made phenomenal progress having been declared as Category I institute, having started 23 new academic programmes, 5 new Departments and several Centres of Excellence, and establishment of two off-campus. He currently holds the titles of Emeritus Professor of Eminence and J.C. Bose National Fellow in ICT. He serves as the Adjunct Professor at University of Saskatchewan, Canada, RMIT University, Melbourne, Australia and Conjoint Professor, University of New Castle, Australia. He was conferred Padma Shri, the fourth highest civilian honour, by the President of India in 2016 for his outstanding contributions to Science and Engineering.

With over 570 publications (citations: 20,951 and h-index: 72), 137 patents, and mentorship of 116 Ph.D. scholars, Prof. Yadav has been consistently ranked as the #1 scientist in India and Number 66 in the world in Physical Chemistry and among the world's top 2% scientists by Stanford University surveys for five consecutive years. His rare election to the US National Academy of Engineering and the US National Academy of Inventors further highlights his global standing.

He has personally won over 125 national and international honours, awards, fellowships, editorships, and several Life Time Achievement Awards by prestigious industrial organizations. He is an elected Fellow of Indian National Science Academy, Indian Academy of Sciences, National Academy of Sciences, India, Indian National Academy of Engineering as well as the World Academy of Sciences, Trieste (TWAS). He is a Fellow of Royal Society of Chemistry, UK, Institution of Chemical Engineers, UK, Indian Institute of Chemical Engineers, and Indian Chemical Society, among others. He is currently both the President of the Indian Chemical Society and Editor-in-Chief, Journal of the ICS being published by Elsevier, which is unique distinction showing his versatility. He is on the editorial boards of prestigious journals like: ACS Sustainable Chemistry & Engineering, Green Chemistry, Applied Catalysis A: Gen, Journal of Molecular Catalysis A: Chem., Catalysis Communications, International Journal of Chemical Reactor Engineering, Clean Technologies and Environmental Policy, Current Catalysis, etc.

The hallmark of his research is its focus on industrial adoption and commercialization. Professor Yadav has been an active and successful consultant to chemical and allied industries for past 30 years in Mumbai, Pune, Ankleshwar, Hyderabad, Delhi and Vapi and this interaction has led to successful development of technology. His interaction with the industries has benefitted them in terms of process intensification, waste minimization, product and process development.





The Outstanding Chemical Engineer Award (2025) instituted by IChE Kochi Regional Centre goes to

Prof. (Dr). B. LAKSHMIKUTTY AMMA

Former Professor & Head, Department of Chemical Engineering,
Government Engineering College, Thrissur.

**in recognition of her exceptional contributions
to Chemical Engineering Education**

About Prof. (Dr). B. LakshmiKutty Amma

Dr. B. LakshmiKutty Amma graduated in Chemical Engineering from Govt. Engineering College, Thrissur affiliated to University of Calicut in 1979. She worked as Engineer Trainee in Kerala Financial Corporation for a brief period before joining as a Research Scholar in Indian Institute of Science, Bangalore. She started her career as Management Trainee in FACT Ltd in 1982 and continued there up to 1985. Thereafter she shifted to the teaching profession by joining Govt. Engineering college, Thrissur as Lecturer in Chemical Engineering in June 1985. She obtained her M. Tech in Chemical Process Control from the University of Calicut and PhD from the Department of Polymer Science and Rubber Technology, Cochin University of Science and Technology, Cochin. She served the Department of Chemical Engineering, Govt. Engineering College, Thrissur for more than 25 years and retired as Professor and Head of the Department in 2013. She was Adjunct Professor from 2013 to 2015. In between, from 2001 to 2005, she worked in Govt. Engineering College, Kozhikode as Asst. professor when the College was started and contributed significantly to institution building from scratches. She has served as Chairman, Board of studies in Chemical Engineering, University of Calicut, Chairman, Board of examiners for B. Tech and M. Tech programmes in Chemical Engineering, Biochemical and Polymer Engineering of many Universities She has also been an Expert Member in committees constituted by Kerala State Pollution Control Board for specific issues. She is an active member of several professional bodies including Indian Institute of Chemical Engineers (IChE) and Indian society for Technical Education (ISTE).

Dr. LakshmiKutty Amma is a prolific author and has published many papers in peer reviewed journals and conference proceedings. She has also authored very popular books on topics like Stoichiometry and Process Calculations (PHI Publishing), Mass Transfer Theory and Applications (CBS Publishers), and Solutions Manual for Stoichiometry and Process Calculations (PHI Publishing). These books were authored along with her husband Late Dr. K.V. Narayanan. A book titled 'Waste management for Small Towns in Developing Countries' (Taylor & Francis) will come out shortly.

PROGRAMME

Date: 16th December 2025

Time: 1:30 PM

Welcome and Introduction of : **Prof. (Dr). G. Madhu,**
the Chief Guest Chairman,
IChE Kochi Regional Centre

Golden Jubilee Lecture : **Prof. G. D. Yadav**

**Topic: Towards a Net-Negative Future:
Sustainability, Climate Action, and the Hydrogen Economy**

Felicitations : **Prof. (Dr). P A Soloman**
Principal
Govt. Engineering College, Thrissur

Presentation of Outstanding Chemical Engineer Award 2025

Acceptance Speech : **Prof. (Dr). B. Lakshmikutty Amma**

Presentation of Mementos

Vote of Thanks : **Er. N. Manoj**
Programme Coordinator

National Anthem



About IChE

Founded on May 18, 1947, by Dr. Hira Lal Roy, IChE aims to spread chemical engineering education and foster the profession. It is the apex professional society for chemical engineers in India, bringing together professionals from academia, research institutes, and industry. It organizes annual events like the Indian Chemical Engineering Congress (CHEMCON) and SCHEMCON for students. A peer-reviewed quarterly journal, "The Indian Chemical Engineer" is published by the Institute. It provides a forum for joint endeavors, professional meetings, and training programs.

Glorious Fifty Years of IChE Kochi Regional Centre

The Kochi Regional Centre of IChE, established as Trichur Regional Centre in 1976, is a key player in the professional development of chemical engineers in Kerala. Founded by stalwarts like **Sri. L. Kannappan, Prof. (Dr). M.V. Raghavacharya, Dr. P. V.S. Namboodiripad, Prof. (Dr) P. Sivasankara Pillai, Sri. K. Unnikrishnan and Sri. U. Chandrahasan**, the Centre has entered the 50th year of its existence.

The Centre serves as a hub for lectures, seminars, and symposia on various topics relevant to the society, including environment, health, safety, and future technologies. The Centre is part of a larger network of 50 Regional Centres and 196 Student Chapters across the country, each contributing to the Institute's objectives and activities. IChE Kochi also offers various professional meets, workshops, and training programs, providing members with opportunities to network and stay updated with the latest developments in the field. The student chapter in the Department of Chemical engineering, Govt. Engineering College, Thrissur is the first student chapter established under **IChE - Kochi Regional Centre**.