

# INSTITUTE LECTURE

**Speaker** Professor Goverdhan Mehta

**Title** *“Dimensionality of Chemistry: A Science for Global Sustainability in the 21<sup>st</sup> Century”*



## **Abstract**

This will be a general, motivational lecture for chemists of all hue as well as nonchemists to serenade and appreciate the dimensionality of chemistry. It will trace the evolution of chemistry from alchemy to a molecular science. The extraordinary attributes of chemistry to produce value from anything and everything, to create its own ‘molecular cosmos’ and its role in the ‘molecularization of science’ leading to break through advances in material science and life sciences will be highlighted. The necessity of re-positioning chemistry as ‘sustainability science’, reflecting its true interdisciplinary character, to address the emergent ‘grand challenges’ related to energy, environment and human health will be emphasized. Several inspirational lessons, drawn from the life and works of the great masters of chemistry, will be recalled and contextualized to enthuse the young generation of scientists.

**Date** 20 January 2017

**Time** 5:30 PM (*Tea will be served at 5:15 PM*)

**Venue** L-5, LHC

## **About the Speaker**

Professor Mehta is an acclaimed leader in chemistry with many outstanding contributions in organic synthesis. In addition to the sustained engagement in research, he has contributed to science education, science policy and planning and management of higher education institutions.

He had been a faculty at IIT Kanpur, University of Hyderabad and IISc Bangalore. He also held a position of Vice-Chancellor of University of Hyderabad, and Director of IISc Bangalore.

Professor Mehta is recipient of many national and international awards and honours and a few are listed below: Shanti Swarup Bhatnagar Prize; TWAS Medal; Padma Sri; "Chevalier de la Legion d'Honneur" by the Government of France; Centenary Medal and Lectureship, Royal Society of Chemistry, London; Trieste Science Prize in Chemical Sciences, TWAS, Italy 2007. He is a fellow of important Academies of the World including Fellow of the Royal Society (FRS).