

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

Homi Bhabha Road, Mumbai-400 005

July 28, 2018

ASET Colloquium

- Speaker** : Prof. Desiraju G. R. (*Solid State and Structural Chemistry Unit, IISc, Bengaluru*)
- Title** : **Academia, Industry and Start-ups. An inflection point for India**
- Date & Time** : **Friday 31 August 2018 at 16:00 hrs.**
- Venue** : **Lecture Theater (AG-66.)**

Abstract :

The rapidly changing economic, social and demographic scenario in the country predicates that scientists in academia look at their situation in the context of intersections with industry and with start-ups. Academic activity needs to address industry requirements because the current model where most research students aspire for academic positions after their studies has become unmanageable and unworkable. Industry must become the major employer of high level research personnel. Ideally, those who are inclined towards entrepreneurial activity could begin a start up after say ten years of industrial experience. The academic world is the necessary starting point for scientific activity both in industry and in the world of start-ups because highly qualified and well trained professionals can only be produced from there. This places an onerous burden on academia in general.

About the Speaker:

Gautam R. Desiraju is in the Solid State and Structural Chemistry Unit of the Indian Institute of Science, Bangalore, India. He has played a major role in the development and growth of the subject of crystal engineering, and is noted for gaining acceptance for the theme of weak hydrogen bonding among chemists and crystallographers. He is one of the most highly cited Indian scientists with 432 research papers, 43810 citations and an h-index of 83. He is a member of the editorial advisory boards of *Angewandte Chemie*, *Journal of the American Chemical Society* and *Chemical Communications*. He is a Past President of the International Union of Crystallography. He is a recipient of honorary doctorate degrees of the Universidad Nacional de Cordoba, Argentina and Rayalaseema University, Kurnool. His commentaries on general issues pertaining to science and science policy in India have gained much attention.



Dr. Satyanarayana Bheesette
(Coordinator, ASET Forum)