

# TATA INSTITUTE OF FUNDAMENTAL RESEARCH

Homi Bhabha Road, Mumbai-400 005

March 17, 2018

## ASET Colloquium

- Speaker** : **Mr. Shrikrishna Gupta** (*Head, Technology Transfer & Collaboration Division, BARC, Mumbai*)
- Title** : **DAE Spin-off Technology Transfer Procedures and its Benefits**
- Date & Time** : **Friday 23 March 2018 at 16:00 hrs.**
- Venue** : **Lecture Theater (AG-66.)**

### Abstract :

Department of Atomic Energy is a premier R&D organization of Government of India. It has been in the forefront of the indigenous technology revolution in the country. The challenges faced in evolving and mastering intricate manufacturing processes for the nuclear industry and in harnessing radiation as a tool for problem solving on various fronts- agricultural, medical and industrial has spawned a variety of technologies. These have served not only the nuclear sectoral requirements, but also have the potential to add value and support technological innovations in a variety of other sectors of the manufacturing economy and the social sector. DAE strives to bring synergy between research and technological innovation across all segments by sharing its technological innovations with industry and entrepreneurs. DAE Technology Display and Dissemination programme has been started to showcase the spin-offs of DAE's R & D activities. Advance Knowledge and Rural Technology Implementation (AKRUTI) Scheme with focus on food, drinking water, health and environment in the country has shown very good response.

I will cover the important aspects these initiatives in this colloquium and address the following questions: (a). Why transfer the know-how?, (b). Role of TT Cells: Linking our labs to the society, (c). TT Cells: Benefit to DAE community and (d). Releasing the know-how to Industry.

### About the Speaker:

Shri Shrikrishna Gupta is the Head, Technology Transfer and Collaboration Division, DAE and is responsible for Transfer of Technologies developed by DAE to industries for power and non-power application. He plays a key role in the programme on Display and Dissemination of DAE technologies to rural geographies for societal benefits in the areas of Water, Food, Medicine, Environment and Entrepreneurship.

He was associated with installation and commissioning of Pelletron Accelerator Facility at TIFR during 1985-2002, Design, Installation and operation of Folded Tandem Ion Accelerator (FOTIA) and associated with many Accelerator facilities in the country. Presently, He is Honorary President, Indian Vacuum Society and an EC member of Indian Society for Particle Accelerator (ISPA). He is also a Life member of Indian Nuclear Society, Indian Vacuum Society and Indian Society for Particle Accelerators.



Dr. Satyanarayana Bheesette  
(Coordinator, ASET Forum)