



PUSHING THE FRONTIERS OF SCIENCE

Project: International Thermonuclear Experimental Reactor (ITER)

Dr. Sivathanu Pillai, Dr. DS Kothari Chair, Research & Innovation Centre, IITM

Innovation and Inspirational Leadership



Abstract:

- India is marching ahead to become a 5 Trillion Dollars economy, with at least 3rd position on the economic status in the world. Government of India has come out with “*Vision 2030*” identifying 10 key areas for achieving this mission. Economic progress depends on excellence in Science and Technology, which can make fundamental changes in the ground rules of economic Competitiveness and Environment resulting sustainable development. This needs Innovation in Science and Technology. Bright young minds of India should believe that We can do it. Inspiration comes from creative leaders and achievers. The talk will cover the innovation potential of Indian youth with live examples, and inspirational leaders who guided great achievements to put India ahead of many Nations.

About the Speaker:

- Dr. Sivathanu Pillai graduated in Electrical Engineering. He served in ISRO and DRDO for forty five years. He had the opportunity to work under great visionary leaders Dr. Vikram Sarabhai, Prof. Satish Dhawan and Dr. APJ Abdul Kalam which made him a Technology Leader in the field of Satellite launch vehicles, guided missiles and Aerospace systems. Dr. Pillai’s contributions to the successful development of SLV-3 as a core team member and evolution of PSLV configuration for ISRO have been remarkable. His skills in networking multiple institutions for the development of critical missile technologies overcoming technology denial regimes imposed by developed nations, enabled realization of Agni, Prithvi, Nag and Akash missiles under the IGMDP, as its Programme Director and Chief Controller R&D of DRDO.
- His outstanding leadership qualities, as CEO & MD of Brahmos Aerospace, made India proud to possess the fastest, highly precise and the most potent missile BRAHMOS which is now inducted in the Indian Armed Forces. BRAHMOS is a world leader in the family of Cruise Missile surpassing those in the development countries. As the Architect and Founder CEO&MD of the Joint Venture, Dr. Pillai is regarded as the “Father of BrahMos” which has become a role model for establishing joint ventures between India and any other country. Govt of India recognised his contribution with Padmashri in 2002 and Padmabushan in 2013.

