

An Expert Lecture
On
Innovation, Technology and Youth
(6th February, 2017)

Department of Electrical and Electronics Engineering organized an expert lecture on **"Innovation, Technology and Youth"** by Dr. A. Sivathanu Pillai on **6th February, 2017**.

Dr. A Sivathanu Pillai is an Indian scientist, currently serves as Honorary Distinguished Professor at ISRO and a Honorary Professor at IIT Delhi in the Department of Mechanical Engineering and a Visiting Professor at Indian Institute of Science. His has experience under the great visionary leaders Dr. Vikram Sarabhai, Prof. Satish Dhawan and Dr. APJ Abdul Kalam. His contributions to the successful development of SLV-3 as a core team member and evolution of PSLV configuration for ISRO have been remarkable. As the founder CEO&MD of the Joint Venture between India and Russia, Dr. Pillai is regarded as the "Father of BrahMos".

Well-known as a defence technologist in the world, Dr. Pillai has been recognised by many prestigious engineering and management institutions with Fellowships. He has received many Honorary Doctorates from Twelve reputed Universities of India and Russia. The Moscow University of "Security, Defence and Law Enforcement" honoured Dr. Pillai with the **"Order of the Peter the Great"** and the Academician of the University. Dr. Pillai has published many papers in the international and national journals and conferences. Dr. Pillai has written many books including **Revolution in Leadership, Nano Science and Nano Technology for Engineering**. He is the co-author with Dr. Kalam for the books **'Envisioning an Empowered Nation'** and **'Thoughts for Change – we can do it'**.

Dr. Pillai is a recipient of various prestigious awards including Technology Leadership Award, Dr. Vikram Sarabhai Research Award, Organization for Industrial, Spiritual & Cultural Advancement International Award from Japan, Raja Rammohan Puraskar, Lokamanya Tilak Award, Lal Bahadur Shastri Award, Performance Excellence Award from Institution of Industrial Engineering, and most importantly **Padma Shri (2002) & Padma Bhushan (2013)** by the Govt. of India for his contribution to Aerospace and Missile Technologies and **"ORDER OF FRIENDSHIP"**

by the Govt. of Russian Federation, the highest Russian Award for the foreign citizens of highest order.

Dr. Pillai, in his address, explained the paradigm evolution of Indian Space Research Organization. He discussed on the various operations took place under the esteemed guidance of Dr. A. P. J. Abdul Kalam. He also focused on the names given to the missiles. He emphasized on the greatest task taken-up by ISRO as the first satellite launcher carrying 104 satellites on 15th February 2017.

All through his lecture, Dr. Pillai sowed ideas for further research and threw light on the encouragement being given by ISRO for the enthusiastic researchers working in various domains. He also highlighted various funding agencies sponsoring research. After the lecture, the participants interacted with the resource person about the possible research initiatives and got their doubts clarified.



Dr. A. Sivathanu Pillai, Indian scientist delivering lecture



Dr. A. Sivathanu Pillai, interacting with students



Students of SVEC



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