Tata Institute of Fundamental Research

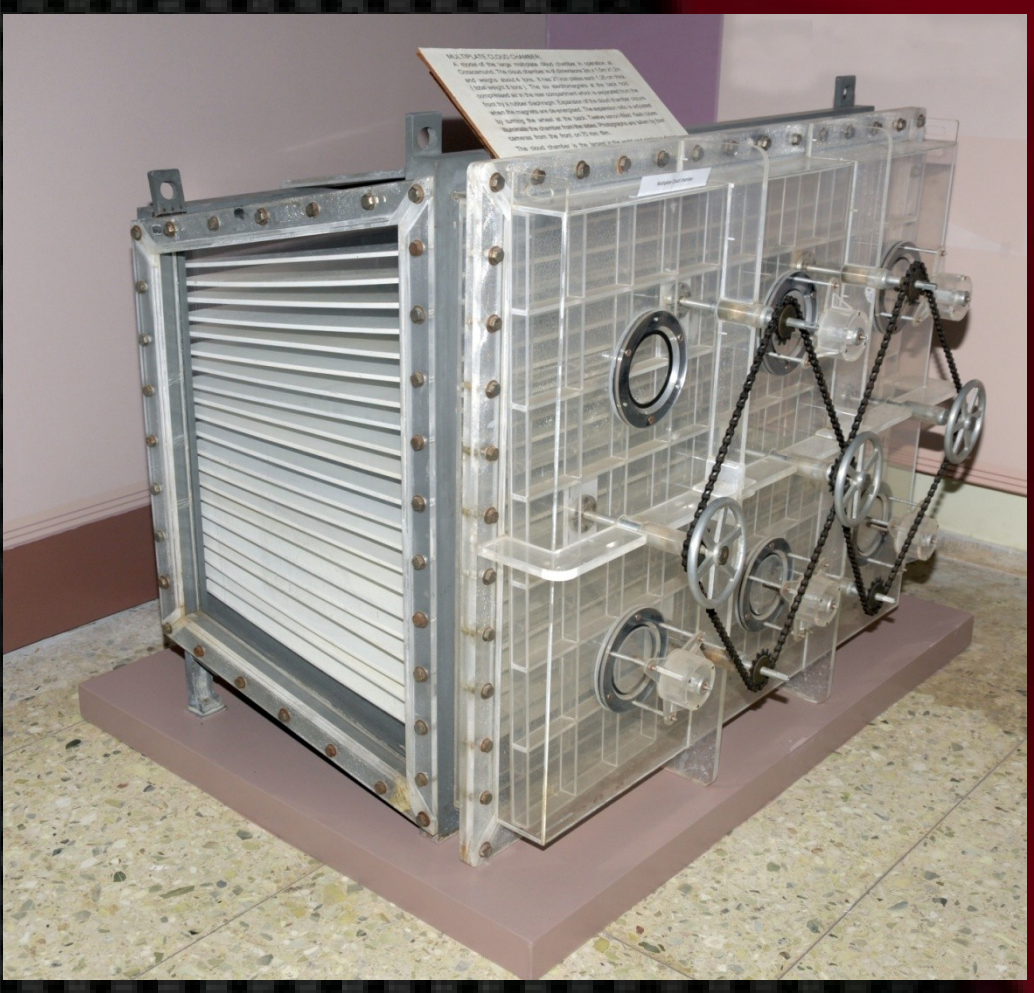
Special ASET Colloquium

Homi Bhabha's Legacy:

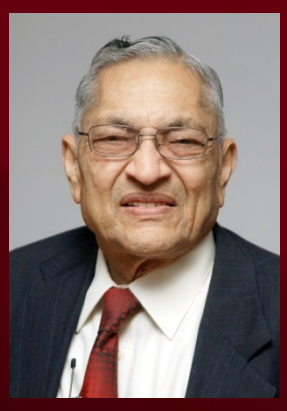
Experimental Research at TIFR using instruments built in-house

Friday, 15 January 2010 at 5.30 p.m. in Lecture Theatre - AG 66

Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Mumbai 400005



A model of multiplate cloud chamber at Udhagamandalam (Ooty)



Prof. Devendra Lal, FRS, is one of the world's leading geophysicists. He started his research career at the age of 20 at TIFR and later on moved to the Physical Research Laboratory, Ahmedabad, where he was the Director from 1972 to 1983. He is presently a Visiting Professor at the Scripps Institution of Oceanography in California, USA.

Prof.B.V.Sreekantan joined TIFR in 1948 and worked under the guidance of Dr. Homi J. Bhabha to study elementary particle and cosmic ray physics. He has been actively involved in the Cosmic Ray studies of TIFR at both Udhagamandalam and the Kolar Gold Fields. He was the Director of TIFR from 1975 to 1987.

Prof .R. Vijayaraghavan is credited with the growth of Solid State Physics and Materials Science Group at TIFR. He built the first wide line cross coil NMR Spectrometer at TIFR as a part of his Ph.D. thesis and initiated research in rare earth magnetism in years to follow.

Probably the greatest of Homi Bhabha's legacy was to initiate the indigenous development of cutting edge detectors, instrumentation and electronics for carrying out world class research in India. This special programme would involve presentations on this theme by three eminent scientists, namely, Prof. Devendra Lal, Prof. B.V. Sreekantan and Prof. R. Vijayaraghavan. All three of them had joined TIFR during its infancy and were major contributors to the growth of TIFR and that of Indian science during the past five decades. The presentations would be followed by an interactive session with the audience.

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