

**16 DECEMBER 2021**

**Thursday, 4.00 PM IST**

**(10:30 UTC)**

**#AzadiKaAmritMahotsav**

# Lecture Series on

Cloud and Precipitation Physics and Dynamics



Ministry Of Earth Sciences  
Government of India



## Interactions of cloud electrification with its microphysics

After taking Ph.D. in 1968, worked as Research Associate of Dr. B. Vonnegut at SUNY, Albany, U.S.A. Joined IITM in 1974 and after working in various capacities, retired in 2006. Continued to work at IITM as Emeritus Scientist, Senior Scientist, Honorary Scientist and presently as Emeritus Scientist of INSA. Worked on various problems of cloud electrification, dust storm electrification, simulation techniques for cloud electricity- microphysics interactions, lightning over South Asia, global electric circuit, marine and Antarctic aerosols, new particle formation mechanisms. Have more than 150 publications in peer-reviewed journals and guided several students for their doctoral degrees. Fellow of the Indian Academy of Sciences, Indian National Academy of Sciences, Indian Meteorological Society and recipient of several national and international awards.

**Dr A. K. Kamra**

**Indian Institute of Tropical Meteorology**

**Pune, India**



[https://youtu.be/g\\_5oNNsDTPc](https://youtu.be/g_5oNNsDTPc)