Dr. Suresh Tiwari

Dr. Suresh Tiwari received M.Sc (Analytical Chemistry) from Gorakhpur University and Ph.D. (Atmospheric Sciences) from Purvanchal University, Jaunpur. He joined the Indian Institute of Tropical Meteorology (IITM) Pune in 1989 and working in Air Pollution Division group till now at New Delhi Unit of IITM. He was a post-doctoral Fellow in Institute for Atmospheric Pollution Rome, Italy during 1997-1999 and contributed the development of passive diffuse techniques for the measurement of gaseous pollutants.

He has guided four Ph.D. students and published 136 peer-reviewed research papers in international and national journals. Presently, he leads a research group in Delhi unit as an in-charge of the Centre on three focal points of atmospheric pollution as on : (i) Physical, chemical and optical properties of atmospheric aerosol over Delhi and Indo-Gangetic Basin, (ii) Chemistry of wet (rain, fog, snow, and dew) and dry deposition along with gaseous pollutants, and (iii) Identifying the sources and characteristics of carbonaceous aerosol. A special emphasis of his work was the development of an empirical method for the estimation of light extinctions (first time in India) on the basis of measured atmospheric chemical constituents.

In 2015, Dr. Tiwari received the Rossby Fellow award which is a prestigious award in Meteorological study. During the Rossby fellow period in Stockholm University, he published four papers in prestigious journals.

Dr. Tiwari's group is actively performing aerosol sampling and observations over the Indo-Gangetic Plains region in the Northern part of India for several years (including Delhi) as well as eastern part of India. Apart from this, he has set up a precipitation monitoring network (9 locations) over the northern part of India to understand the possibility of acid rain in India. He has also contributed outstanding work in national observational programmes "SAFAR" and "Winter Fog Experiment" under the Ministry of Earth Sciences.

Dr. Suresh Tiwari is awarded the Certificate of Merit for his outstanding contributions in the field of Atmospheric Sciences & Technology.