

Academic:

M Sc (Agrometeorology) Ph D (Environmental Sciences and Engineering)

Professional Experience

- More than 33 years of experience in Management and supervision of meteorological observations and services, Establishment of environmental monitoring networks, Air quality monitoring, modeling and management, Climate Change, Urban Meteorology, Agrometeorology, International activities.
- Scientist G (erstwhile Additional Director General of Meteorology), India Meteorological Department, Ministry of Earth Sciences, Government of India before joining CAQM.
- Served as Member of the Environmental Appraisal Committees (Thermal Power, Industries, Mining & Coal Mining) of the Ministry of Environment, Forests and Climate Change, Government of India (2006-2016).
- Chairman/Member of Technical Committees of MoEF & CC, MoES, IITM, ICAR, ICMR, DST, DBT, CPCB, GMDA, NPL, NDMA, IITs, Universities etc. and formulated/evaluated many projects/ reports at IMD.

International

- Guided global environmental programs as Member, Commission for Atmospheric Sciences Management Group, Task forces of GFCS & Primary Country Contact of GAW, World Meteorological Organization (WMO), Geneva, United Nations
- UNDP/WMO Fellow, Michigan, USA (Jan-April 1994) & Presently, Member of Expert Team on ARM of WMO.
- Contributed to Congress, Executive Council, Regional Association, Technical Commissions of WMO, UNFCCC, IPCC, IAEA, SAARC and other International organizations.

Research & Publication

- Published 125 research papers, Met. Monograph, books, reports in national and international journals (RG score: 27.3, Citation: 2132, Reads: 38,589, h-index – 22, i10 index - 30)
- Served as Executive Editor of International Journal-Mausam, Vayu Mandal, Referee of many National and International Journals and guided 2 Ph D Students in Env. Sciences.

Awards

- Commendation Certificate by the **Hon'ble Prime Minister of India** in November, 2007 for contribution to the work of the **IPCC**, which is the **Joint Winner of** the **Nobel Peace Prize 2007**.
- Bestowed upon "**Best** IMD Officer" in 2009 and "Pride of University" in 2018 by GJ University of S&T.