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Editor-in-Chief, Current World Environment,
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Educational Qualification:

Ph D (Chemistry) 1994: Dayalbagh Educational Institute, Agra (India). (On a topic related to Aerosol Chemistry)

Post Doc experience:

1994-98 (Atmospheric Chemistry)

National Physical Laboratory, New Delhi (India)

International Meteorological Institute, Department of Meteorology, Stockholm University (Sweden)

Research interests:

Environmental Chemistry and Climate Change.

Previous jobs:

1998-2008: Scientist (various positions) at CSIR-Indian Institute of Chemical Technology, Hyderabad.

August 09, 2008 onwards: Professor, JNU, New Delhi.

Awards:

International START Young Scientist Award 2000 by IGBP-START (*System for Analysis, Research and Training for global change*) Washington DC, USA.

CSIR Young Scientist Award 2004 in Earth and Atmospheric Sciences by Council of Scientific and Industrial Research, New Delhi.

M S Krishnan Gold Medal 2004 for Atmospheric Chemistry Studies by Indian Geophysical Union (IGU).

Thomas Kuhn Honour Pin Award 2002 by The International Union of Air Pollution Prevention & Environmental Protection Associations (IUAPPA) and the International Academy of Sciences.

IICT Gaurav Samman, 2005 Award by Indian Institute of Chemical Technology, Hyderabad.

Number of Publications:

Total Journal papers: 115
Books: 05
Book Chapters: 16
Technical reports: 04
General Science articles: 56

Citations: 4682
h-index: 36

PhD students (awarded): 17

Ph D students currently under supervision: 04

Professional Honours (Major):

- Fellow, Indian Geophysical Union.
- Associate Fellow of Andhra Pradesh Academy of Sciences.
- Chairman, INMAS Review Committee for DST Project, DRDO, New Delhi .
- Member, Steering Committee, International Nitrogen Initiatives (INI).
- Member, Air Quality Forum, UNEP-India.
- Member, Advisory Committee of Knowledge and Awareness Mapping Platform [KAMP] – A Knowledge Alliance with CSIR-NISTADS.
- Assessor, National Assessment and Accreditation Council (NAAC).
- Advisory Board Member, Hanell International.
- Member, RDC, Guru Nanak Dev University, Amritsar.
- Member, RDC, DEI, Dayalbagh, Agra.
- Member BoS, Studies, Department of Political and Social Sciences, DEI, Dayalbagh, Agra.
- Member, Academic Committee, Naval Academy (INA).
- Member JNU Standing Committee on Defense Institutions.

Formerly-

- Director, Trans-disciplinary Research Cluster, JNU.
- Review Editor of WMO/UNEP Integrated Assessment Report on Black Carbon and Ozone 2011.
- Expert Reviewer of IPCC AR5 (WG1).
- Member, Environmental Pollution Control Authority ((EPCA).
- Member, EIA Accreditation Committee, NABET (QCI).
- Expert Member and Indian Mentor, Air Pollution India Training Programme organized by SMHI, Norrkoping, Sweden.
- Member, Academic Committee, Indian Military Academy (IMA), Dehradun.
- Member, Academic Committee, College of Military Engg., Pune.
- Member, Academic Committee, Military College of Electrical, and Mechanical Engineering (MCEME), Secunderabad.
- Member, Academic Advisory Board, TERI.
- Member, MHRD-GIAN, Sectional Committees for Earth & Environmental Science and Inter-disciplinary Sciences.
- Member of Expert committee of EPTRI on Andhra Pradesh Govt GO-111 regarding drinking water in Usman Sagar and Himayat Sagar (2007).

Post Doc working with: 03

Projects/Programmes Associating/Associated with-

- UKRI GCRF project South Asian Nitrogen Hub (SANH).
- Holistic Environment (Founder).
- UGC projects.
- AIT-UNEP project on rural aerosols and climate change.
- Indian Space Research Organization-Geosphere Biosphere Programme (ISRO-GBP).
- DRS-India Network
- Indian Ocean Experiment (**INDOEX**), a multinational and multidisciplinary programme.
- Atmospheric Brown Cloud (ABC) project with IMI Stockholm University, Sweden.
- Indo-Swedish Project on Aerosol and Precipitation Chemistry under **RAPIDC programme** of SIDA.
- **CAD** (Composition of Asian Deposition) programme of DEBITS (IGBP).
- International comparison of **QA/QC in chemical analysis under EANET** (East Asia Precipitation Network), Japan.
- **Indian Reference Material** (IRM) project.
- **CAAP** (Composition of Atmospheric Aerosols and Precipitation in India and Nepal) programme under IGAC (IGBP) and CSC (UK) Coordinated by NPL, New Delhi and IMI, Stockholm.
- ONGC, Goa project on `Trace metals in sea water samples.
- HFC 134a project at IICT