

CURRICULUM VITAE

Dr. Imtiaz Ahmed

Assistant Professor

Chhajla

Mankote

Poonch - 185111

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CAREER OBJECTIVE

Dedicated Environmental and Atmospheric researcher with a Ph.D. and academic leadership experience, seeking to contribute to higher education and research through quality teaching, advanced research in air pollution and climate studies, and active involvement in curriculum development, student mentoring, and institutional growth, with a special focus on Himalayan and high-altitude regions.

ACADEMIC QUALIFICATION

S.No.	Qualification	University / Board	Year	Per %
1	12th	CBSE	2013	80
2	B.Sc.	University of Jammu	2016	60
3	M.Sc.	Central University of Jammu	2019	69
4	Ph.D.	CSIR-National Physical Laboratory, New Delhi	2025	NA

OTHER QUALIFICATION

- Qualified: UGC/NET-JRF, ICAR-NET, IIT-GATE, JK-SET
- Member of the Metrology Society of India
- Basic Knowledge of Computer

WORK EXPERIENCE

- 2 Years teaching as Assistant Professor
- 2 Years as JRF (Ph.D.)
- 3 Years as SRF (Ph.D.)

PUBLICATIONS & PROCEEDINGS

- Ahmed, Imtiaz, et al. "Variability of Carbonaceous Aerosols in Two Distinct Climatic Zones of the North Western-Himalaya (India): An Expedition during Summer 2022." Indian Journal of Pure & Applied Physics 63.3 (2025)

- Singh, R., Mishra, S. K., Srivastava, A. K., Patel, V., & Ahmed, I. (2026). Investigating the Effect of Anthropogenic Fire Ritual on Cloud Microphysics in Current Scenario: A Novel Study on Aerosol-Cloud Interaction. *Indian Journal of Pure & Applied Physics (IJPAP)*, 64(1).
- Ahmed, Imtiaz, et al. "Carbonaceous Particles over Two Different Climatic Zones of North-Western Himalaya (India): An Expedition During Summer 2022." *AGU Fall Meeting Abstracts*. Vol. 2023. No. 2215. 2023.
- Singh, Rishabh, Imtiaz, et al. "YAGYA: An Ancient Fire Ritual Practice of India for Sustainable Cloud Seeding." *AGU Fall Meeting Abstracts*. Vol. 2023. No. 7. 2023.
- Tanwar, Padma, Imtiaz, et al. "Physico-chemical Characterization of Particulate Matter with Varying Altitude in Typical Urban Environment over New Delhi." *AGU Fall Meeting Abstracts*. Vol. 2023. 2023
- Ahmed, I., Mishra, S. K., Singh, R., & Padma. (2023). Three years (2019–21) study of aerosol optical depth (AOD), Angstrom exponent (AE) over Kashmir Valley (North-Western Himalaya). *Proceedings of the Global Indian Young Scientists Research and Innovation Conference (Global Indian Young Scientists Research and Innovation Conference 2023)*
- Ahmed, I., Mishra, S.K., Singh, R., Padma. "Satellite-based observation of AOD and Back-trajectory analysis of winds over Kashmir Valley (Akash Tattva, 2022)"
- Hao, Y., Goel, V., Pandey, A., Kumar., A., Faisal,. M., Ali., U., Upadhyay, Ahmed, I., A.K.,& Khare,. P.,(2025, May). Tracking the Aging of Biomass Burning Organic Aerosols: Molecular Insights from Punjab's Stubble Fires and Their Implications for South Asia's Haze
- Investigating the Effect of Anthropogenic Fire Ritual on Cloud Microphysics in Current Scenario: A Novel Study on Aerosol-Cloud Interaction -2025, R Singh, SK Mishra, AK Srivastava, V Patel, Imtiaz A, Padma (*Indian Journal of Pure & Applied Physics*, Vol. 64 NO.12 (2025)).
- Padma, Mishra, S. K., Ahmed, I., & Singh, R. (2023). Physico-chemical characterization of PM with varying altitude in typical urban environment over New Delhi. *Proceedings of the Global Indian Young Scientists Research and Innovation Conference (GI-YSRI 2023)*, 31 May–2 June 2023.
- Singh, R., Mishra, S. K., Patel, V., Ahmed, I., & Padma. (2023). Physicochemical characterization of Yagya particles. *Proceedings of the Global Indian Young Scientists Research and Innovation Conference (GI-YSRI 2023)*, 31 May–2 June 2023.
- Characterization of Atmospheric Particles over Kashmir Valley and Ladakh: Implications for Environment & Climate in North-West Himalayas. (Oral and Poster presentation at India International Science Festival-2025).
- International Conference on Environmental Science and Engineering-ICESE 2022 (Indian Institute of Technology Bombay, Mumbai).
- National Symposium on Energy, Environment, and Sustainable Development (EESD-20219), Central University of Jammu
- National Conference on Climate Change, Societal Consequences and Mitigation: Future Vision (NCCCSCM-2018), Central University of Jammu
- One Day Live-Symposium on Glacier Preservation, on the eve of World Water Day-2025 by Department of Environmental Sciences, University of Kashmir.

PERSONAL INFORMATION

Father's Name : Mohd Azam
 Date of Birth : 1994-03-26
 Language Known : English, Urdu & Hindi

Gender : Male
Nationality : Indian
Marital Status : Unmarried

DECLARATION

I hereby declared that the above information given by me is true to best of my Knowledge.

Date :

Place : Poonch

(Dr. Imtiaz Ahmed)