

CURRICULUM VITAE: Priyanka Sharma

Jamia Millia Islamia

Jamia Nagar, New Delhi-110025, India

Phone: +919306076950, email- p.sharma30102000@gmail.com

EDUCATION:

- | | |
|---------------------|--|
| Dec 2021 - present | Master of Science (M. Sc.) in Chemistry Jamia Millia Islamia, New Delhi, India SGPA: 9.29 (2 nd Sem), 8.80 (1 st Sem) |
| Jul 2018- Jun 2021 | Bachelor of Science (B. Sc.) University of Delhi, India Grand CGPA: 8.758 |
| Apr 2016 – Apr 2018 | Senior secondary examination Central Board of Secondary Education (CBSE), India Percentage marks: 87% |

RESEARCH EXPERIENCE

- Analysis of the impacts of cool and photovoltaic roofs on roof temperature, roof sensible heat, daytime and nighttime 2 m temperature, and air conditioning requirements in different scenarios simulated using the WRF model.
- Analysis of 14 years of air quality simulations conducted using the WRF-CMAQ model to study changes in ozone and fine particulate matter over the US.

COMPUTING EXPERIENCE

- Programming Languages: C and Python
- Operating Systems: Windows
- File Handling: ASCII, NetCDF
- Microsoft Suite: MS Excel, MS Office, MS Powerpoint
- Video conferencing: Zoom and Google Meet
- Latex
- HTML

PAPERS IN CONFERENCES/SYMPOSIUMs

1. Sharma, A., Li, P., Khadse, T., **Sharma, P.**, Martilli, P., and Chen, F. (2022), Impact of photovoltaic rooftops in the Chicago area, AGU Fall Meeting 2022, Chicago, IL and online everywhere, 12-16 Dec 2022.
2. Kumar, R., He, C., Bhardwaj, P., Alessandrini, S., Lacey, F., O'Lenick, C. R., Wilhelmi, O., Pfister, G. G., **Sharma, P.** (2022), Air quality dashboard: a public facing platform to strengthen air quality decision-making activity over the CONUS, AGU Fall Meeting 2022, Chicago, IL and online everywhere, 12-16 Dec 2022.
3. Kumar, R., He, C., Bhardwaj, P., Alessandrini, S., Lacey, F., O'Lenick, C. R., Wilhelmi, O., Pfister, G. G., **Sharma, P.** (2022), Development of air quality products for societal applications based on a high-resolution chemical reanalysis, iCACGP-IGAC Joint International Atmospheric Chemistry conference, Manchester, UK, 10-15 Sep 2022.

LEADERSHIP ROLES

- Class Representative (C.R.) in M.Sc. Physical Chemistry.
- Campaigning manager at the time of “President Elections” during B.Sc.
- House Captain in standard 10th
- Member of SPIANS club (an English Community) from standard 8th to 10th

COMPETEITVE EXAMS QUALIFIED

- Jamia Millia Islamia M.Sc. Entrance Exam (All India Rank: 4)
- Panjab University M.Sc. Entrance Exam (All India Rank: 14)
- Common University Entrance Test (CUET)
- Delhi University Entrance Test (DUET)
- Joint Admission test for Masters (JAM)

EXTRA CURRICULAR ACTIVITIES

- Silver medal in Kho-Kho District Level Championship
- Bronze medal in Volleyball Tournament
- First position in Inter-house Poem Competition
- Second position in Inter-house Singing Competition
- Second position in Inter-house Drama Competition

HOBBIES

- Dancing, listening songs, writing poems, playing Badminton, travelling, and reading.