

# BIO-DATA

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## DR. SHAHINA BANO (CHEMISTRY)

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### Personal Details

Father's name : Mohammed Shafique  
Husband's Name : Mohammed Nazim Queraishi  
Residential Address : Behind Dr. K.C. Baghel, H. Sec. School, Silyari  
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Date of Birth : 19<sup>th</sup> November 1990



### Personal Information:

Name : Dr. Shahina Bano  
Father's Name : Mohammed Shafique  
Husband's Name : Mohammed Nazim Queraishi  
Date of birth : 19<sup>th</sup> November 1990  
Languages Known : English & Hindi  
Marital Status : Married  
Address : Behind Dr. K.C. Baghel, H. Sec. School, Silyari  
Dist. – Raipur (C.G), 493116

### Academic Qualification:

Examination	Board/University	Subject	Year	Percentage
10 <sup>th</sup>	CGBSE, Raipur	General Subjects	2006	80.66%
12 <sup>th</sup>	CGBSE, Raipur	Science (Biology)	2008	83.20%
B.Sc	PRSU, Raipur	Biology	2012	68.05%
M.Sc	PRSU, Raipur	Chemistry	2014	80.29%
Ph.D	PRSU, Raipur	Chemistry	2019	-
CGSET	CGVYAPAM, Raipur	Chemistry	2017	-

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**Teaching Experience:** One year experience of teaching as a guest lecturer in **Dr Radhabai, Govt. Naveen Girls College, Raipur.**

**Other Courses:** Basic knowledge of computer, MS Office, Internet.

**List of Papers Published:**

1. **Shahina Bano** and Shamsh Pervez (2015). Source Apportionment and Health Effect Studies Associated with Indoor Fine Particulates during the Last Decade in South Asia: A Review. Journal of Ravishankar University-B, 28 (2), 1-8.
2. **Shahina Bano**, Shamsh Pervez, Judith C. Chow, Jeevan Lal Matawle, John G. Watson, Rakesh Kumar Sahu, Anjali Srivastava, Suresh Tiwari, Yasmeen Fatima Pervez and Manas Kanti Deb (2018). Coarse particle (PM<sub>10-2.5</sub>) source profiles for emissions from domestic cooking and industrial process in Central India. Science of the Total Environment 627: 1137–1145.
3. Shamsh Pervez, **Shahina Bano**, John G. Watson, Judith C. Chow, Jeevan Lal Matawle, Anjali Shrivastava, Suresh Tiwari and Yasmeen Fatima Pervez (2018). Source Profiles for PM<sub>10-2.5</sub> Resuspended Dust and Vehicle Exhaust Emissions in Central India. Aerosol and Air Quality Research © Taiwan Association for Aerosol Research, 1-13. doi: 10.4209/aaqr.2017.08.0259.
4. Shamsh Pervez, Rakesh Kumar Sahu, Mamta Tripathi, **Shahina Bano**, Jeevan Lal Matawle, Suresh Tiwari, Manas Kanti Deb, Yasmeen Fatima Pervez (2020). Assessment and evaluation of ambient PM<sub>2.5</sub> in relation to its health effects in mineral-based coal-fired areas. Geofizika, 37: 67-90.

**List of Paper Presented at National/International conferences/seminars:**

1. **Shahina Bano** and Shamsh Pervez. Chemical Source Profile of PM<sub>10</sub> for Dust Sources in India. UGC- SAP (DRS –II), National Conference on Advances in Environmental & Chemical Sciences. March 17-18, 2017, Pt. Ravishankar Shukla University, Raipur (C.G.).
2. **Shahina Bano** and Shamsh Pervez. Indoor Air Pollution: Source characterization and effects on health. National Conference on Soil Quality & Public Health (SQPH). Sponsored by UGC-CRO (Bhopal). January, 17-18 2017, Govt. Digvijay Autonomous P.G. College, Rajnandgaon (C.G.).
3. **Shahina Bano** and Shamsh Pervez. Mass Re-construction and Source Signatures of PM<sub>10-2.5</sub> Emissions from Re-suspended Dust Sources. AICON'17, All India Conference on Digital Engineering, April, 21-22, 2017, Chhatrapati Shivaji Institute of Technology, Durg (C.G.).

4. **Shahina Bano**, Shamsh Pervez, Jeevan Lal Matawle, Anjali Shrivastava, Suresh Tiwari, John G. Watson, Judith C. Chow and Yasmeen Fatima Pervez. Chemical Source Profiling for PM<sub>10-2.5</sub> Emissions from Vehicular Exhaust in India. International Conference of the Public Health Foundation of India and the Pacific Basin Consortium, 14-16 November, 2017. India Habitat Centre, New Delhi, India.
5. **Shahina Bano** and Shamsh Pervez. Impact of different Household Fuels on Source Apportionment Results of House-Indoor PM<sub>10</sub> in Central India. 22<sup>nd</sup> CRSI National Symposium in Chemistry, 2-4 February, 2018. Pt. Ravishankar Shukla University, Raipur (C.G.).
6. **Shahina Bano**, Madhuri Verma and Shamsh Pervez. Source Apportionment Results of Indoor PM<sub>10</sub> at Residential Urban Environment Using PMF5.0 Receptor Model. UGC-SAP (DRS-II), 2<sup>nd</sup> National Conference on Advances in Environmental & Chemical Sciences, 22-23 March, 2018. Pt. Ravishankar Shukla University, Raipur (C.G.).

**International/ National Workshops/Seminars Attended:**

1. “**National Conference on Recent Trends in Chemical Sciences**”, Pt. Ravishankar Shukla University, Raipur, January 23-25, 2014
2. “**7<sup>th</sup> National Research Methodology Workshop**”, Prestige Institute of Management, Gwalior. August 20-23, 2015.
3. “**One Day Workshop – Workshop on SYSTAT Software**”, IQAC, Pt. Ravishankar Shukla University, Raipur, August 27, 2015.