



Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

(Phone No. - 011-7121 9084 : Email - principal@kmc.du.ac.in)



Print Date : 31-05-2026

1. Personal Profile

Title: **Dr.** First Name: **SHALINI** Last Name: **BAXI**



Designation: **ASSOCIATE PROFESSOR** Mobile No. -----

Phone No. (Office) ----- Phone No. (Residence): -----

Email: **shalini.baxi@kmc.du.ac.in** Webpage: -----

Facebook: ----- Twitter: -----

LinkedIn: ----- Instagram: -----

Youtube: ----- Research Gate Link: -----

Google Scholar Link: -----

Address: -----

2. Educational Qualifications

| Degree/ Certification | Institution | Year |
|-----------------------|--------------------------------------|------|
| PhD | University of Delhi | 2008 |
| Master of Science | Department of Chemistry | 1998 |
| Bachelor of Science | Kirori Mal College, Delhi University | 1995 |
| UGC NET Qualification | UGC | 2001 |
| M.Sc. | University of Delhi | 1998 |
| B.Sc. | University of Delhi | 1995 |
| NET | UGC | 2001 |
| Ph.d | University of Delhi | 2008 |

3. Career Profile & Administrative Assignments

| Category | Role/ Designation | Department/ Committee | Date From - To | Remarks |
|----------|-------------------|-----------------------|----------------|---------|
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| CAREER PROFILE | ASSOCIATE PROFESSOR | CHEMISTRY Department of Chemistry, Kirori Mal College | 12.Apr.2022 - Till date | |
| CAREER PROFILE | ASSISTANT PROFESSOR | CHEMISTRY Department of Chemistry, Kirori Mal College | 01.Sep.2009 - 10.Apr.2014 | |
| CAREER PROFILE | ASSISTANT PROFESSOR | CHEMISTRY SRI GURU TEGH BAHADUR KHALSA COLLEGE, DELHI | 30.Aug.2008 - 31.Aug.2009 | |
| CAREER PROFILE | ASSISTANT PROFESSOR | CHEMISTRY Department of Chemistry, Kirori Mal College | 08.Mar.2006 - 29.Aug.2008 | |
| CAREER PROFILE | ASSISTANT PROFESSOR | CHEMISTRY SHIVAJI COLLEGE, DELHI | 14.Nov.2005 - 07.Mar.2006 | |
| CAREER PROFILE | GUEST LECTURER | CHEMISTRY SHIVAJI COLLEGE, DELHI | 10.Oct.2003 - 20.Mar.2004 | |
| CAREER PROFILE | GUEST LECTURER | CHEMISTRY ARSD college | 05.Sep.2003 - 10.Nov.2004 | |
| CAREER PROFILE | ASSISTANT PROFESSOR | CHEMISTRY GARGI COLLEGE, DELHI | 29.Jul.2002 - 08.Sep.2002 | |
| ADMINISTRATIVE ASSIGNMENTS | DEAN/DY. DEAN | CULTURE COUNCIL UNIVERSITY OF DELHI, DELHI | 27.Dec.2016 - 06.Oct.2020 | |
| ADMINISTRATIVE ASSIGNMENTS | TEACHER-IN-CHARGE | CHEMISTRY Department of Chemistry, Kirori Mal College | 01.May.2023 - Till date | |
| ADMINISTRATIVE ASSIGNMENTS | CONVENER | MUSOC – THE MUSIC SOCIETY Kirori Mal college | 01.Jun.2015 - 30.May.2017 | |
| ADMINISTRATIVE ASSIGNMENTS | CONVENER | MUSOC – THE MUSIC SOCIETY Kirori Mal College University of Delhi | 01.Jun.2019 - 31.May.2021 | |
| CAREER PROFILE | ASSISTANT PROFESSOR | CHEMISTRY Department of Chemistry, Kirori Mal College | 11.Apr.2014 - 11.Apr.2022 | |
| ADMINISTRATIVE ASSIGNMENTS | CONVENER | THE PLAYERS – THE THEATRE SOCIETY Kirori Mal college | 01.Jun.2023 - Till date | |
| ADMINISTRATIVE ASSIGNMENTS | CONVENER | CHEMISTRY Department of Chemistry, Kirori Mal College | 01.Jul.2023 - 30.Jun.2024 | |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER | ALUMNI COMMITTEE Kirori Mal College | 01.Jul.2023 - 30.Jun.2024 | |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER | PARIVARTAN-THE GENDER FORUM Kirori Mal College | 01.Jul.2023 - 30.Jun.2024 | |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER | MUSOC – THE MUSIC SOCIETY Kirori Mal College | 01.Jul.2023 - 30.Jun.2024 | |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER | MONTAGE – THE FILM SOCIETY Kirori Mal College | 01.Jul.2023 - 30.Jun.2024 | |

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| ADMINISTRATIVE ASSIGNMENTS | CONVENER | OTHERS Kirori Mal College | 02.Jan.2024 - 01.Feb.2024 | Stage Management Committee (Founder's day) |
| ADMINISTRATIVE ASSIGNMENTS | NODAL OFFICER | OTHERS Kirori Mal College | 21.Mar.2024 - Till date | Repair and Renovation of Frank Thakurdas Memorial Auditorium |
| ADMINISTRATIVE ASSIGNMENTS | CONVENER | OTHERS Kirori Mal College | 03.Apr.2023 - 04.May.2024 | Stage and Decoration Committee, Annual Day Master of Ceremony, Annual Day |
| ADMINISTRATIVE ASSIGNMENTS | DEAN/DY. DEAN | FOREIGN STUDENTS' COMMITTEE University of Delhi | 20.Mar.2025 - 18.Aug.2025 | |
| ADMINISTRATIVE ASSIGNMENTS | DEAN/DY. DEAN | FOREIGN STUDENTS' COMMITTEE University of Delhi | 19.Aug.2025 - Till date | Joint Dean |

4. Other Profiles

Other Profile Name/ Description

5. Research Guidance

| Year | Guide For | Title of the Dissertation/ Thesis | Scholar Name | Status |
|------|-----------|-----------------------------------|--------------|--------|
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6. Research Projects

| Year | Title of Project | Sponsorship Agency | Duration | Amount Sanctioned | Date of Sanction |
|------|--|------------------------------|----------|-------------------|------------------|
| 2012 | • Understanding the Impact of Industrialisation on Potable Water Quality in the Lower Shivalik Region of Himalayas and its Geographical Analysis, Inter-Disciplinary project | University Grants Commission | 1 year | 10 lakhs | 01.Jul.2012 |

7. Publications

| Category | Publication Name | Title | Name of Author | Reference Link/ DOI Link |
|-------------------------------|--|-----------------------------|--|---|
| JOURNAL PAPER (International) | • Challenges and perspectives of polymeric nanocomposites for biomedical application | European Chemistry Bulletin | Sheeza Zaidi, Shalini Baxi, Suruchi (Joint Author) | https://www.eurchembull.com/uploads/paper/f6aeabc36639e6446070d6e772 |

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| JOURNAL PAPER (International) | <ul style="list-style-type: none"> Understanding the Impact of Industrialisation on Potable Water Quality in the Lower Shivalik Region of Himalayas and its Geographical Analysis | Asian Journal of Water, Environment and Pollution | Sharma, Mamta Chhabra; Baxi, Shalini; Sharma, Kaushal Kumar; Sharma, Sandeep Kumar; Patel, Shashank (Joint Author) | https://content.iospress.com/articles/asian-journal-of-water-environment-and-pollution/ajw230033 |
| JOURNAL PAPER (International) | Sugeno fuzzy inference system modeling and DFT calculations for the treatment of pesticide-laden water by newly developed arginine functionalized magnetic Mn-based metal organic framework | Environmental Science and Pollution Research | Swati Solanki, Kavya Bisaria, Hafiz M. N. Iqbal, Reena Saxena, Shalini Baxi, Anil Chandra Kothari & Rachana Singh (Joint Author) | https://doi.org/10.1007/s11356-023-30944-4 |
| JOURNAL PAPER (International) | Heavy metal ions levels and related physicochemical parameters in soils in the vicinity of a paper industry location in Nahan area of Himachal Pradesh | Journal of Environmental & Analytical Toxicology | Mamta Chhabra Sharma, Shalini Baxi, Kaushal K Sharma, Manpreet Singh, Shashank Patel (Joint Author) | https://doi.org/10.4172/2161-0525.1000236 |

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| JOURNAL PAPER (International) | Electrochemical sensors for the determination of antipyretic and antibiotic drugs in environmental and biological samples | Microchemical Journal | Amit Lochab, Shalini Baxi, Purnima Tiwari, Shourya Bardiya, Reena Saxena (Joint Author) | https://doi.org/10.1016/j.microc.2024.109923 |
| JOURNAL PAPER (International) | Computational investigation of thallium interactions with functionalized multi-walled carbon nanotubes for electrochemical sensing applications | Pure and Applied Chemistry | Shefali Baweja, Amit Lochab, Shalini Baxi, Reena Saxena (Joint Author) | https://doi.org/10.1515/pac-2023-1139 |

8. Books

| Category | Book Name | Title | Name of Author | ISSN/ ISBN Number |
|----------|-----------|-------|----------------|-------------------|
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9. Faculty Achievements

| Year | Category of Achievement | Role | National/ International etc. | Name | Date From-To |
|------|--|---------------------|------------------------------|--|---------------------------|
| 2023 | FACULTY DEVELOPMENT PROGRAM ATTENDED | ASSOCIATE PROFESSOR | National | E Content Development | 10.Oct.2023 - 16.Oct.2023 |
| 2023 | WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED | PARTICIPANT | International | Virtual Conference in Chemistry and its Applications | 07.Nov.2023 - 11.Nov.2023 |

Dr. SHALINI BAXI