



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

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



Print Date : 15-02-2026

## 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

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	

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)	<a href="https://www.eurchembull.com/uploads/paper/f6aeabc36639e6446070d6e772">https://www.eurchembull.com/uploads/paper/f6aeabc36639e6446070d6e772</a>

JOURNAL PAPER (International)	• 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)	<a href="https://content.iospress.com/articles/asian-journal-of-water-environment-and-pollution/ajw230033">https://content.iospress.com/articles/asian-journal-of-water-environment-and-pollution/ajw230033</a>
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)	<a href="https://doi.org/10.1007/s11356-023-30944-4">https://doi.org/10.1007/s11356-023-30944-4</a>
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 r uoJ Environmental & Analytical Toxicology	Mamta Chhabra Sharma, Shalini Baxi, Kaushal K Sharma, Manpreet Singh, Shashank Patel (Joint Author)	<a href="https://doi.org/10.4172/2161-0525.1000236">https://doi.org/10.4172/2161-0525.1000236</a>

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)	<a href="https://doi.org/10.1016/j.microc.2024.109923">https://doi.org/10.1016/j.microc.2024.109923</a>
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)	<a href="https://doi.org/10.1515/pac-2023-1139">https://doi.org/10.1515/pac-2023-1139</a>

## 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**