



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

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



Print Date : 16-04-2026

## 1. Personal Profile

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



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

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

Email: **shalining18@kmc.du.ac.in** Webpage: -----

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

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

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

Google Scholar Link: -----

Address: -----

## 2. Educational Qualifications

Degree/ Certification	Institution	Year
Degree	University of Delhi	1995
M.Sc Chemistry	Hindu College, University of Delhi	1991
BSc	Hindu College, University of Delhi	1989

## 3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
ADMINISTRATIVE ASSIGNMENTS	IN-CHARGE	NCC Kirori Mal college	01.Jan.2005 - 31.Dec.2007	INITIATED AND ACTED AS IN-CHARGE GIRLS NCC WING AT KMC
ADMINISTRATIVE ASSIGNMENTS	TEACHER-IN-CHARGE	CHEMISTRY KIRORI MAL COLLEGE, UNIVERSITY OF DELHI	01.May.2014 - 15.Apr.2030	

## 4. Other Profiles

**Other Profile Name/ Description****AREAS OF INTEREST/ SPECIALIZATION**

Polymer Chemistry (Physical Chemistry)

**SUBJECTS TAUGHT**

1. Quantum Chemistry and Spectroscopy (B.Sc. (H) CHEM, 3rd Year) Theory and practical.
2. Computers and Applications in Chemistry (B.Sc. (H) CHEM, 3rd Year) Theory and practical
3. States Of Matter and Ionic Equilibrium (B.Sc. (H) CHEM, 1st Year)
4. B.Sc. (H) SEMESTER 1 AND SEMESTER2 Practical.
5. B.Sc. (P) Chemistry Classes for 2nd and 3rd Years and Practical.
6. B.Sc. (H) Botany and Zoology subsidiary Chemistry Classes and practical.

**AWARDS AND DISTINCTIONS**

1. "Shailaja Sehgal Memorial Scholarship "for Obtaining Highest Marks in M.Sc. (P) Chemistry (Physical Specialization) in 1990, Delhi University.
2. Obtaining Highest Marks in M.Sc. (F) Chemistry (Physical Specialization) in 1991, Delhi University.
3. Obtaining Highest Marks in M.Sc. (F) Chemistry in 1991, Hindu College, Delhi University
4. Best paper in refresher course in chemistry, held at CPDHE, University of Delhi (from 3rd to 25th April ,2001), entitled  
"Eco friendly Industrial Applications of Surfactants"

**WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED**

1. In Organization Committee of, One Day seminar titled "Frontier Technologies In Chemistry, Biological and Horticultural Sciences "(20.12.2012), Organized jointly by ISAS and KMC.
2. In organizing committee of "2nd National conference on EMERGING TRENDS AND FUTURE CHALLENGES IN CHEMICAL SCIENCES(ETFC-2020), January 10 and 11,2020", Department of Chemistry, Kirori Mal College, University of Delhi.
3. In the Organizing Committee of "Environmental Sciences and Public Health", February 1-5, 2022. (Online Program), organized by Kirori Mal College, University Of Delhi, and, Mizoram University.

**MEMBERSHIPS IN ACADEMIC/ PROFESSIONAL BODIES**

Life Membership of ISAS – THE INDIAN SOCIETY OF ANALYTICAL SCIENTISTS

**OTHERS**

(A) ACTED AS A MEMBER OF....

1. Admission Committee
2. Women Development Cell
3. Placement Cell
4. Cultural Council (MUSOC & FAPS)
5. Proctorial Committee
6. Development Committee
7. Joint Teacher Student Consultative Committee
8. Chemistry Seminar Committee
9. Garden Committee

(B) INITIATED and acted as in-charge, NCC Girls' Wing in Kirori Mal College.

(C) CONVENER of Canteen Committee

(D) Acted as Convenor and member of Seminar committee admission committee, of Chemistry department

**SUBJECTS TAUGHT**

1. B.SC CHEMISTRY H, SEMESTER 1.6
2. B.SC PROG PHYSICAL SCIENCE, SEMESER4, 6

**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
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**7. Publications**

Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link	Publication (Month-Year)
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JOURNAL PAPER (International)	Thermodynamic parameters of some multicomponent intermacromolecular complexes in relation to their structure and composition	Polymer Bulletin	SK Chatterjee , Shalini Johri (Nigam) and Mamta Chhabra (Joint Author)		December 1993
JOURNAL PAPER (International)	Thermodynamic studies of some complexation systems involving Methacrylic Acid-Acrylamide Copolymer, Poly (vinyl Pyrrolidone) and Poly (Ethylene oxide)	Journal of Polymer Science	SK CHATTERJEE , MAMTA CHHABRA , SHALINI JOHRI (NIGAM) (Joint Author)		December 1994
JOURNAL PAPER (International)	Thermodynamic studies on some interpolymer interactions and stability of polycomplexes	Die Angewandte Makromolekulare Chemie	S. K. Chatterjee, Shalini Nigam, Mamta Chhabra (Joint Author)		December 1995
JOURNAL PAPER (International)	Stability constants and related thermodynamic parameters of some quaternary intermacromolecular complexes involving polyelectrolytes and nonionic homopolymers	Journal of Macromolecular Science - Pure and Applied Chemistry	SK CHATTERJEE , MAMTA CHHABRA , SHALINI NIGAM (Joint Author)		December 1995
JOURNAL PAPER (International)	A comparative study of thermodynamic parameters of interpolymer complexes of an acrylic copolymer and a polymer blend with a polyelectrolyte	Polymer Bulletin	S. K. Chatterjee, Shalini Nigam, Vandana Kapoor (Joint Author)		April 1995
JOURNAL PAPER (International)	Phenolic copolymer/polyelectrolyte/non-ionic homopolymer interactions: thermodynamic and electrochemical studies in dimethylformamide/water mixtures	Macromolecular Chemistry and Physics	Saroj K. Chatterjee, Shalini Nigam, Mamta Chhabra, Vandana Kapoor (Joint Author)		December 1996
JOURNAL PAPER (International)	Interpolymer association between phenolic copolymers and polyelectrolytes: effects of copolymer structure and hydrophobic interactions on the stability of polycomplexes	Polymer Bulletin	S. K. Chatterjee, Vandana Dureja, Shalini Nigam (Joint Author)		April 1996

## 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
2022	WEBINAR ATTENDED	ORGANIZER	National	Environmental Sciences and Public Health	01.Feb.2022 - 05.Feb.2022

2022	WEBINAR ATTENDED	PARTICIPANT	International	New trends in Chemical Reserach	29.Apr.2022 - 30.Apr.2022
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**Dr. SHALINI NIGAM**