



# 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: **SWATI** Last Name: **BISHNOI**

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

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

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

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

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

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

Google Scholar Link: -----

Address: -----



## 2. Educational Qualifications

Degree/ Certification	Institution	Year
B.Sc.	K.U.K.	2008
M.Sc.	Banasthali university	2010
Ph.D.	University of Delhi	2017

## 3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
CAREER PROFILE	ASSISTANT PROFESSOR	CHEMISTRY MAHARAJA SURAJMAL BRIJ UNIVERSITY, RAJASTHAN	03.Jul.2016 - 15.Dec.2018	
CAREER PROFILE	ASSISTANT PROFESSOR	CHEMISTRY DYAL SINGH COLLEGE, DELHI	15.Jan.2019 - 28.Apr.2019	
CAREER PROFILE	ASSISTANT PROFESSOR	CHEMISTRY SRI GURU TEGH BAHADUR KHALSA COLLEGE, DELHI	03.Oct.2019 - 02.Dec.2019	

ADMINISTRATIVE ASSIGNMENTS	ASSISTANT PROFESSOR	CHEMISTRY Department of Chemistry, Kirori Mal College	30.Jul.2023 - Till date	Seminar Committee
CAREER PROFILE	ASSISTANT PROFESSOR	CHEMISTRY Kirori Mal College University of Delhi	13.Oct.2022 - Till date	
ADMINISTRATIVE ASSIGNMENTS	ASSISTANT PROFESSOR	CHEMISTRY Department of Chemistry, Kirori Mal College	30.Jul.2023 - 19.Sep.2023	Eco- Club Society
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY Department of Chemistry, Kirori Mal College	30.Jul.2023 - 19.Sep.2023	Proctorial Committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY Department of Chemistry, Kirori Mal College	30.Jul.2023 - 19.Sep.2023	Admission-in-charge, B.Sc. (P) Physical Sciences
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PROCTOR & DISCIPLINE COMMITTEE kirorimal college	20.Jul.2024 - 30.Jun.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	FAPS – THE FINE ARTS & PHOTOGRAPHY SOCIETY kirorimal college	20.Jul.2024 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	B.SC.(P) PHYSICAL SCIENCE COMMITTEE kirorimal college	20.Jul.2024 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	ECO CLUB kirorimal college	20.Jul.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY kirorimal college	20.Jul.2024 - 30.Jun.2025	Physical science admission committee

#### 4. Other Profiles

##### Other Profile Name/ Description

##### AREAS OF INTEREST/ SPECIALIZATION

Organic synthesis, Sensors, Organometallic compounds, Heterocyclic compounds.

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Organic synthesis, Sensors, Organometallic compounds, Heterocyclic compounds.

#### 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)
JOURNAL PAPER (National)	Novel brominated phenothiazine scaffolds and method thereof	Indian Patent	Swati Bishnoi, Marilyn Daisy Milton (Joint Author)		October 2018
JOURNAL PAPER (International)	"Synthesis of acceptor-donor-acceptor based phenothiazine-5-oxide aldehydes displaying large stokes shift – "on-off-on" acidofluorochromic switch and molecular gate operation".	J. Photochem. Photobiol. A	Himshikha Sharma, Rita Kakkar, Swati Bishnoi, Marilyn Daisy Milton (Joint Author)	<a href="https://doi.org/10.1016/j.jphotochem.2022.113944">https://doi.org/10.1016/j.jphotochem.2022.113944</a>	October 2022
JOURNAL PAPER (International)	"Novel phenothiazine-5-oxide based push-pull molecules: synthesis and fine-tuning of electronic, optical and thermal properties"	Chemistryselect	Shweta Chaudhary, Madhubani Mukherjee, Tanmoy K. Paul, Swati Bishnoi, Srabani Taraphder, Marilyn Daisy Milton (Joint Author)	<a href="https://doi.org/10.1002/slct.201800131">https://doi.org/10.1002/slct.201800131</a>	October 2018
JOURNAL PAPER (International)	"Multi-stimuli response displaying novel phenothiazine-based non planar D-?-A hydrazones: synthesis, characterization, photophysical and thermal studies".	Chemistryselect	Tanisha Sachdeva, Swati Bishnoi, Marilyn Daisy Milton (Joint Author)	<a href="https://doi.org/10.1002/slct.201702684">https://doi.org/10.1002/slct.201702684</a>	October 2017

JOURNAL PAPER (International)	"Small non-planar phenothiazine-5-oxide-based molecules: Structural characterization, photophysical, thermal and computational studies".	Chemistryselect	Swati Bishnoi, Marilyn Daisy Milton, Tanmoy Kumar Paul, Arun Kumar Pal, Srabani Taraphder (First Author)	<a href="https://doi.org/10.1002/slct.201700279">https://doi.org/10.1002/slct.201700279</a>	October 2017
JOURNAL PAPER (International)	"Selective and sensitive novel benzimidazolium-based fluorescent probes for micromolar detection of Fe 3+ ions in pure aqueous media".	J. Photochem Photobiol. A	Swati Bishnoi, Marilyn Daisy Milton (First Author)	<a href="https://doi.org/10.1016/j.jphotochem.2016.11.010">https://doi.org/10.1016/j.jphotochem.2016.11.010</a>	October 2017
JOURNAL PAPER (International)	"Tunable phenothiazine hydrazones as colour displaying, ratiometric and reversible pH sensors".	Tetrahedron Lett.	Swati Bishnoi, Marilyn Daisy Milton (First Author)	<a href="https://doi.org/10.1016/j.tetlet.2015.10.041">https://doi.org/10.1016/j.tetlet.2015.10.041</a>	October 2015

## 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	ASSISTANT PROFESSOR	College	"Faculty in Universities/Colleges/Institutes of Higher Education"	20.Jan.2023 - 18.Feb.2023

**Dr. SWATI BISHNOI**