

## FACULTY PROFILE PROFORMA

Title (Ms/Mr/Dr/ Prof)	Dr.	FirstName	SHWETA	LastName	GUPTA	Photograph
Designation	ASSISTANT PROFESSOR					
Department	CHEMISTRY					
Address (Official)	1458,GALI ARYA SAMAJ, BAZAR SITA RAM, DELHI -110006					
Phone No.	9971581671					
Email	<a href="mailto:shwetagupta@kalindi.du.ac.in">shwetagupta@kalindi.du.ac.in</a>					
<b>Education</b>						
<b>Subject</b>	<b>Institution</b>			<b>Year</b>	<b>Details</b>	
Chemistry, Physics, Maths	Hindu College, University of Delhi			2006	B.Sc. (Hons) Chemistry I <sup>st</sup> Class (77.26)	
Chemistry	Hindu College, University of Delhi			2008	M.Sc. Chemistry I <sup>st</sup> Class (71.18)	
Entitled "Preparation & Characterization of Palladium Nanoparticles Using Organic Molecules"	University of Delhi, Delhi.			2013	Ph.D	
<b>Career Profile</b>						
Organisation/Institution	Designation			Duration	Role	
Kalindi College/Delhi University	Assistant Professor (Permanent)			08-01- 2024 to Till Date	Teaching & Administrati ve Duties	
Kalindi College/Delhi University	Assistant Professor(Ad-hoc)			01-04- 2021 to 07-01-24	Teaching & Administrati ve Duties	
DDU College/ Delhi University	Assistant Professor			5 months	Teaching	
Daulat Ram College/ Delhi University	Assistant Professor			7 months	Teaching	

Rajdhani College/ Delhi University	Assistant Professor	1yr & 4months	Teaching
Rajdhani College/ Delhi University	Assistant Professor	1yr & 11 months	Teaching
Dyal Singh College/ Delhi University	Assistant Professor	1yr & 9 months	Teaching
Dyal Singh College/Delhi University	Assistant Professor	Taught as Guest faculty	Teaching
Zakir Hussain College/Delhi University	Assistant Professor	8 months	Teaching

**Administrative Assignments / Examination Assignments/Contribution to corporate life**

1. Coordinator : **E-waste & Write Off Committee** for the academic session 2024-25.
2. Committee Member: **Space & Infrastructure Committee** for the academic session 2023-24
3. Staff advisor in **Rasaion Chemical society** for the academic session 2024-25.
4. Member in **Nupur dance club** (Indian Classical) for the academic session 2024-25.
5. Committee Member: **Sports Committee** for the academic session 2023-24.
6. Committee Member: **Canteen Committee** for the academic session 2023-24.
7. Committee Member: **Alumni Committee** for the academic session 2023-24.
8. Committee Member: **Lab development/Equipment Committee** for the academic session 2023-24.
9. Member in Nupur dance club for the academic session 2023-24.
10. Staff advisor in Rasaion chemical society for the academic session 2023-24.
11. Committee Member: **OBC Committee** for admission in 2023 for the academic session 2023-24.
12. Member in graffiti club for the academic session 2023-24.
13. Committee Member: **Gandhi Study Circle Committee** for the academic session 2022-23.
14. Committee Member: **Garden Committee** for the academic session 2022-23.

15. Convener: **Nadi Ko Jano Abhiyan** for the academic session 2021-22.
16. Committee Member: **Ministry of Parliamentary** Committee for the academic session 2021-22.
17. Committee Member: **Biocenosis Society** (Biochemical Society) for the academic session 2021-22.
18. Committee Member: **Women Development Cell** for the academic session 2021-22
19. Committee Member: **Gandhi Study Circle Committee** for the academic session 2021-22.
20. Committee Member: **Garden Committee** for the academic session 2021-22.
21. Committee Member: **Equal opportunity Cell (EOC) 2020-21** for the academic session 2021-22.
22. Committee Member: **Grievance Committee** for admission in 2021 for the academic session 2021-22.
23. Committee Member: Committee for **Collaboration, Exchange Programmes, Consultancy & Internship** for the academic session 2021-22.
24. Evaluation for theory papers OBE for chemistry.
25. Actively participated and completed the duties assigned by Kalindi College Committees.
26. Appointed as an Internal Examiner & External Examiner for Semester Practical Examination at DU for B.Sc. Hons and Programme courses. Invigilation duties for Practical & Theory Examination.

#### **Teaching Experiences (Subject/Courses taught)**

Course Taught at the UG level(B.Sc ): Basic Organic Chemistry, polymer chemistry, Hydrocarbons, Functional Groups, Reactions intermediates and Reaction Mechanism, Stereochemistry, Carbohydrates, Lipids, Proteins, Polynuclear hydrocarbons, Metallurgy, Periodic Properties, s, p-block elements, Coordination Chemistry. All kind of laboratory classes in the various undergraduate courses.

#### **Research Interests/Specialization**

Organic Chemistry  
Synthesis of Nanomaterials for Catalysis .

#### **Publication (Peer Reviewed/Indexed Journals)**

<b>Year of Publication</b>	<b>Title</b>	<b>Journal (Name of the journal. Vol Issue ISSN)</b>	<b>Co-Author</b>
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2024	<b>Preparation of Quercetin-Pd Nanoparticles and their Characterization</b>	Journal of Nanoscience and Nanotechnology Applications,2024,8,1,1-8 ISSN: 2577-7920 Impact factor:3.1 Indexing: open access Journal	Shweta Gupta, Rupesh Kumar, and Dhanraj T Masram
2024	<b>Preparation of PEG20K-Pd Nanoparticles &amp; their Characterization</b>	Journal of Nanotechnology and Smart Materials,2024,10,103,1-9 ISSN: 2372-2797 Impact factor: 2.4	Shweta Gupta, Rupesh Kumar, and Dhanraj T Masram
2011	Green Methodology for Preparation of Disulphide	Green Chemistry Letters and Reviews/2011/1-10/ ISSN:1751-8253	Pankaj Attri , Shweta Gupta and Rupesh Kumar,* Chandra
2012	Polymeric PEG35k-Pd nanoparticles: efficient and recyclable catalyst for reduction of nitro compounds.	Synthetic Communication / 42: 213–222/ISSN: 0039-7911	Veena Yadav, Shweta Gupta, Rekha Lagarkha and Rupesh Kumar,*
2011	Catalytic Reduction of Nitroarenes with Polymeric Palladium Nanoparticles.	Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry/Vol.41/ No.1/2011.	Rupesh Kumar,* Veena Yadav, Shweta Gupta, Rekha Lagarkha and Harish Chandra
2010	Synthesis, Characterization & in Vitro Biological Studies of Novel N-aryl piperzinyll fluoroquinolones	Research Journal of Pharmaceutical, Biological and Chemical Sciences/ Vol. 1, No.3/ 727-738/ISSN: 0975-8585	Shanmugam Srinivasan, Shweta gupta, Ruchi Marwah ,P.Manisankar & Rupesh Kumar

### **Seminar/Workshop/Conferences Presentation/Organisation**

#### **Paper /Poster Presented at various symposia:**

- Presented paper in International symposium on “Recent Advances In Green Chemistry And Chromatographic Sciences” held on January 12-14, 2012 at Manav Rachna International University, Faridabad.
- Presented paper in National Conference On “Advances In Chemical Sciences” held at Department Of Chemistry, M.D. University, Rhotak, on March 1-2 ,2013
- Presented poster in “National Conference On Advances In Multidisciplinary Aspects Of Science &Engineering “(November23 ,2016) conducted at Deenbandhu Chhotu Ram University Of Science And Technology, Murthal, Sonapat,Haryana ,India.
- Presented paper in National conference On “Nano Structured Material And Devices Technologies” held on 21-22 December 2018 at Aggarwal College Ballabgarh, Faridabad(Haryana), India .

#### **CONFERENCES/WORKSHOP ATTENDED:**

- “National Workshop On Advanced Analytical Instrumentation And Applications” held on January 5-7, 2009 at AIF- USIC, Jawaharlal Nehru University, New Delhi.
- “Workshop On Green Chemistry In Real World Practice” on 9 May 2009 organized by Department Of Chemistry , University Of Delhi
- 3rd Indo-Italian Seminar on Green Chemistry( 9 December,2009) organized by the Department of Chemistry ,University of Delhi,Delhi-110007
- 6th Indo-Italian Workshop on Chemistry and Biology of Antioxidant ( 10-11th December,2009) organized by the Department of Chemistry ,University of Delhi, Delhi-110007
- National Workshop on “Role of analytical Techniques in Industry” held on January 21-22, 2010 at Kirori Mal College,University of Delhi.
- First Indo-Italian Workshop “Frontiers of fundamental and Industrial Electrochemistry A Challenge for a Better World” Organized by Department of Chemistry, University of Delhi, Delhi-110007 on 30th and 31th August 2010.
- Training workshop on Green Chemistry education :necessity of a sustainable future ( 20 november 2010) at Department of Chemistry ,University of Delhi.
- National Seminar on “Analytical solutions from Bruker AXS” held on October 1st , 2010 at ESSEX Farms New Delhi.
- National Seminar on “Role of analytical Techniques in Biological and Environmental Sciences” held on January 27-29, 2011 at Kirori Mal College, University of Delhi.
- National Seminar on “Microscopic Techniques” organized by Indian Society Of Analytical Scientists (ISAS), at Indian habitat centre , New Delhi on 26th June 2014.

#### **Academic and Extra -curricular Activities for students**

1. Organizer: Webinar on ‘ **Nadi Ko Jano**’ by Nadi Ko Jano Abhiyan committee under the aegis of IQAC, Kalindi College on 29th January 2022.
2. Staff Advisor: Online an Intra College Event on Republic Day Celebration, under the ageis of Azadi ka Amrit Mahotsav, organised by **BIOCENOSIS** The Biochemical Society of Kalindi College, University of Delhi on 25th January 2022.
3. Staff Advisor: Oath Ceremony And Alumni Talk organised by **BIOCENOSIS** The Biochemical Society, of Kalindi College on 10 March 2022 in the academic session 2021-22.
4. Organizer: 16th National Youth Parliament competition organized by Ministry of Parliamentary committee of Kalindi College, University of Delhi, on 24th February 2022 in the academic session 2021-22.
5. Organizer: Online Orientation Programme for first year students organized by Equal opportunity Cell (EOC), of Kalindi College, University of Delhi, on 8th December 2021.
6. Organizer: Two day International Conferences on ‘Revisiting Gandhian Perspectives on Development: Reflection On Culture Society And Politics’ organized by Gandhi Study Circle committee, of Kalindi College, University of Delhi, on 3rd &4th September 2021.
7. Maintaining and developmental issues of August Kranti park as a Member of Garden Committee of Kalindi College, University of Delhi.
8. Organizer: Capacity Building Workshop on Rights on November 16, 2021 by the Women's Development Cell, Kalindi College In collaboration with Delhi Commission for Protection of Child Rights (DCPCR).
9. Organizer: Free Health Check Up Camp on November 17, 2021 by the Women’s Development Cell, Kalindi College In collaboration with BLK - MAX Super Speciality Hospital.
10. Member: Stroke Survivor Group Meet & Awareness Talk organised by BLK - MAX Super

Speciality Hospital, New Delhi on 30 October 2021.

**Awards & Distinctions**

- Awarded GATE 95.60 percentile 2010.
- Qualified Junior Research Fellowship (JRF) conducted by CSIR-UGC, Dec.2008. •
- UGC-Departmental fellowship .

**Public Service/ University Service/ Consulting Activity**

N.A.

**Professional Societies Memberships**

Member ISAS-DC

**Projects(Major Grants/ Collaborations)**

N.A.

**OtherDetails**

N.A.