Dr. Deepali Jaiswal

Curriculum Vitae

(+91)7081598438
deepalijaiswalau@gmail.com

Employment Details

April 2026-present **Assistant Professor**, *Department of Chemistry, Kashi Naresh University, Bhadohi, Uttar Pradesh, India*

August 2021-April 2026 **Assistant Professor**, *Kashi Naresh Government PG College, Gyanpur, Bhadohi, Uttar Pradesh, India*

Education

2022 **PhD in Organic Chemistry**, *University of Allahabad, Prayagraj*
Research Title :*Synthesis of Biologically Active Heterocyclic Compounds*

2016 **M.Sc. in Chemistry**, *University of Allahabad, Prayagraj*
Percentage: 79.6

2014 **B.Sc.**, *Ewing Christian College, University of Allahabad*
Percentage: 64.7%

2011 **Intermediate Examination (Class 12)**, *U.P. Board*
Percentage: 70.8%

2009 **High School Examination (Class 10)**, *U.P. Board*
Percentage: 62.8%

National level exam

2017 **GATE Chemistry**, *(Indian Institute of Technology- Graduate Aptitude Test in Engineering)*

2015 **CSIR-JRF**, *(Council of Scientific and Industrial Research- Junior Research Fellow exam)*
All India Rank-83

2014 **IIT-JAM**, *(Indian Institute of Technology -Joint Admission Test for M.Sc.)*

Skill sets

MS Office, Origin 8.5, ChemDraw, MestRenova, Graph Pad Prism 5 Project, EndNote

Publication and Book Chapters

1. Kartikey , **Jaiswal, D.**, Singh, S., Jaiswal, S., Saquib M., Singh, S., Verma, S.P. , Singh,J., Singh,J., , *Visible-light photoredox catalyzed synthesis of tetrahydrobenzofuranone: Oxidative [3+2] cycloaddition of dicarbonyl and alkene*, **Journal of Heterocyclic Chemistry** , 61, 1248-1260 (2024) **(Article) (IF 2.4)**
2. **Jaiswal, D.**, Tiwari, J., Singh, S., Kartikey, Singh, J., Singh, J., *Visible-Light-Mediated Decarboxylative Thiocyanation of Cinnamic acids: An Efficient Photocatalytic Approach to the Synthesis of (E)-Vinyl Thiocyanates*, **Catalysis Letters** 151, 1738-1744 (2021) **(Article) (IF 2.6)**

3. Tiwari, J., Singh, S., **Jaiswal, D.**, Sharma, A.K.,Singh, S., Singh, J., Singh, J., *Supramolecular Catalysis: An Efficient and Sustainable Multicomponent Approach to the Synthesis of Novel Hexahydro-4H-indazol-4-one Derivatives*, **Current Catalysis** 9, 92-101(2021) **(Article)**
4. Singh, S., Tiwari, J., **Jaiswal, D.**, Sharma, A.K., Singh, J., Singh, V., Singh, J, *Nucleophilic Acylation with Aromatic Aldehydes to 2 Bromoacetonitrile: An Umpolung Strategy for the Synthesis of Active Methylene Compounds*, **Current Organic Synthesis** 17, 518-524 (2020) **(Article) (IF 2.6)**
5. Singh, S., Tiwari, J., **Jaiswal, D.**, Sharma, A.K., Singh, J., Singh, V., Singh, J, *Visible-light-induced radical cascade cyclization of pyrazoles bearing a coumarin unit*, **New Journal of Chemistry** 44, 13350-13356 (2020) **(Article) (IF 2.6)**
6. Sharma, A.K., Tiwari, J., **Jaiswal, D.**, Singh, S., Singh, J., Singh, J., , *Organophotoredox Catalysis: Visible-light-induced Multicomponent Synthesis of Chromeno[4, 3-b]chromene and Hexahydro-1H-xanthene Derivatives*, **Current Organocatalysis** 6, 222-230 (2019) **(Article) (IF 1.1)**
7. **Jaiswal, D.**, Tiwari, J., Sharam A.K., Singh, S., Singh, J., Singh, J., *Rose Bengal Catalyzed Coupling of 1, 2 - Dicarbonyls and Phenylene 1, 2 -Diamines: Visible-Light Mediated Synthesis of Quinoxalines*, **Chemistry Select** 4, , 8713-8718 (2019) **(Article) (IF 2.1)**
8. **Jaiswal, D.**, Tiwari, J., Sharam A.K., Singh, S., Singh, J., Singh, J., *Sarcosine as a Novel and Recyclable Organocatalyst: A Greener Approach Towards the Synthesis of Multisubstituted Pyrazole Derivatives*, **Current Organocatalysis** 5, 229-238 (2019) **(Article) (IF 1.1)**
9. Tiwari, J., Singh, S., **Jaiswal, D.**, Sharma, A.K., Singh, S., Singh, J., Singh, J., *An Efficient, Convenient and One-pot Synthesis of Diversified Benzochromenes Using L-valine as an Organocatalyst: A Green Protocol*, **Current Catalysis** 7, 202-208 (2018) **(Article)**
10. Tiwari, J., Singh, S., Tufail, F., **Jaiswal, D.**, Singh, J., Singh, J., *Glycerol Micellar Catalysis: An Efficient Multicomponent-Tandem Green Synthetic Approach to Biologically Important 2, 4-Disubstituted Thiazole Derivatives*, **ChemistrySelect** 3, 11634-11642 (2018) **(Article) (IF 2.1)**
11. Singh, S., Tiwari, J., **Jaiswal, D.**, Sharma, A.K., Singh, J., Singh, V., Singh, J., *Organocatalyst Mediated One Pot Synthesis of 4H-furo[3,4-b]pyran, 4Hbenzo[g]chromene and 1H-benzo[b]xanthene Derivatives in Aqueous Medium: A Green Approach*, **Current Organocatalysis** 5(1):51-57 (2018) **(Article) (IF 1.1)**
12. **Jaiswal, D.**, Mishra, A., Rai, P., Srivastava, M., Tripathi B.P., Yadav, S., Singh, J., Singh, J., *A visible light-initiated, one-pot, multi-component synthesis of 2-amino-4-(5-hydroxy-3-methyl-1H-pyrazol-4-yl)-4H-chromene-3-carbonitrile derivatives under solvent- and catalyst-free conditions*, **Research on Chemical Intermediates** 44, 231-246 (2018) **(Article) (IF 3.5)**
13. Yadav, S., Srivastava, M., Rai, P., Mishra, A., Tripathi B.P., **Jaiswal, D.**, Singh, J., Singh, J., *Molecular Iodine Catalyzed: Visible Light Initiated New Strategy for the Synthesis of Quinoxaline Derivatives via Aerobic Oxidation*, **Current Physical Chemistry** 7, 82 – 190(2017) **(Article) (IF 0.8)**
14. Singh, S., Kumar, R., **Jaiswal, D.**, , *Chapter -6 - Review on Polyoxometalate Based Hybrid Materials: Brief History & Applications*, Advanced Applied Research in Physical & Chemical Sciences and Engineering, pp. 105–115, **MKSES Publication**, (2025) **(Book Chapter)**

15. Singh, S., Singh, S.K., Kumar, R., **Jaiswal, D.**, , *Chapter 12: A Review on Heterocyclic Compounds: Evaluation on Their Biological Activities*, Advanced Applied Research in Medical, Life, and Health Sciences, pp. 177-184, **MKSES Publication**, (2025) **(Book Chapter)**

Conferences and Workshop

13-14 Feb 2026 **Paper presentation**, *International Conference on* ***Bridging Discipline through Chemical Science for a Sustainable Future*** *(ICBDCSSF-2026)*, Department of Chemistry, IQAC, R&D Cell, Navyug Kanya Mahavidyalaya, Lucknow

7-8 Nov 2025 **Paper presentation**, *nternational Conference on* ***Developed India @ 2047 – An Initiative to Transform the Nation***, Department of Political Science, Government PG College Bindki, Fatehpur, U.P.

21 Oct 2024 **Paper presentation**, *international seminar* ***Multidisplinary Research and Methodology with New Trends and Era***, Department of Chemistry, Botany and I.Q.A.C of Govt. Rani Durgawati College, Wadrafnagar (Chhatisgarh)

17-18 Mar 2023 **Paper presentation**, *National Conference on* ***Science in Time to Come***, Saroj Lalji Mehrotra Science faculty in S.S. Khanna Degree College, Prayagraj

30-31 Mar 2022 **Paper presentation**, *National Conference on* ***Science and technology: Future in India***, 16th conference of the Indian Science Congress Association, Allahabad Chapter of Indian Science Congress Association

25-26 Mar 2022 **Paper Presentation**, *National Conference on* ***Biological Diversity and Environmental Sustainability*** *(NCBDES-2022)*, Department of Botany, K.N. Govt. PG College, Gyanpur, Bhadohi

Visible-light-mediated synthesis of (E) vinyl thiocynates via decarboxylative of cinnamic acids

22-24 Dec 2020 **Paper Presentation**, ***Young Scientist Conference as a part of India international Science festival 2020***, Ministry of Science and Technology, Ministry of Earth Science and Ministry of Health and family Welfare, Gov. of India in collaboration with Vijnana Bharti (VIBHA)

Visible-light-mediated decarboxylative thiocyanation of cinnamic acids: An efficient photocatalytic approach to the synthesis of (E)-vinyl thiocyanates

08-09 Feb 2020 **Paper Presentation**, *National conference on* ***Science and Technology: Rural Development***, Indian Science Congress Association, hosted by Dr Shakuntala Misra National Rehabilitation University, Lucknow

Rose Bengal catalyzed coupling of 1, 2 -dicarbonyls and phenylene 1, 2 -diamines: visible-light mediated synthesis of quinoxalines

27-28 Nov 2018 **Paper Presentation**, *National Seminar on* ***Sustainable Development in India: Issues and Challenges***, Saroj Lal Ji Mehrotra Science Faculty S. S. Khanna Girls Degree College Allahabad, India

Sarcosine as a novel and recyclable organocatalyst: A greener approach towards the synthesis of multisubstituted pyrazole derivatives

24-25 Feb 2018 **Paper Presentation**, *National Seminar on* ***Reaching the Unreached through Science and Technology***, Indian Science Congress Association, Department of Chemistry, University of Allahabad, Prayagraj, India

A visible light initiated, one-pot, multi-component synthesis of 2-amino-4-(5-hydroxy-3-methyl-1H-pyrazol-4-yl)-4Hchromene-3-carbonitrile derivatives und-er solvent- and catalyst-free condition

11-13 Feb 2017 **Paper Presentation**, *National Seminar on* ***Science and Technology for National Development***, Indian Science Congress Association, Department of Chemistry, University of Allahabad, Prayagraj, India

I_2 mediated highly functionalized one-pot multicomponent synthesis of pyrazole moiety in water