

CURRICULUM VITAE



Mr. Deepak Tomar

Assistant Professor

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Field of Specialization

Organic Chemistry

Joining date of R.K. (PG) College, Shamli: 06th January 2020

Educational Qualifications

Examinations/Degree	Board/University
M. Phil	NA
M. Sc.	University of Delhi
Ph. D.	NA
NET	CSIR-NET (Chemistry)

Publications (Research/Review/Lead/Book/Book Chapters/Popular Articles)

Research Papers

- Mohit Saroha, Dr. Jayant Sindhu, Prof. Sudhir Kumar, Prof. Kuldip K Bhasin, Prof. Jitendra M Khurana, Prof. Rajendra S Varma, **Mr. Deepak Tomar**. Transition Metal-free sulfenylation of C-H bonds for C-S bond formation in recent years: Mechanistic approach and promising future (2021), 13077-13208.
- Deepak Tomar**, Madhuri Chaurasia, Prateek Tyagi, Swati Agrawal, Pravita Kumar, Deepansh Sharma, Aruna Chhikara, and Sulekh Chandra. Synthesis, Characterization, Antimicrobial, MTT assay, DFT study of Co (II), Ni (II), Cu (II) and Zn (II) Complexes with some New Schiff Base Ligands. *Egyptian Journal of Chemistry*, (2021), 64(9): 1-2.
- Madhuri Chaurasia, **Deepak Tomar** and Sulekh Chandra. Synthesis, Spectral characterization, and DNA binding studies of Co (II), Ni (II), Cu (II) and Zn (II) complexes of Schiff base 2-((1H-1,2,4-triazol-3-ylimino) methyl)-5-methoxyphenol. *Journal of Molecular Structure*, (2019), 1179: 431-442.
- Sulekh Chandra, Madhuri Chaurasia and **Deepak Tomar**. BSA binding studies of Co (II), Ni (II) and Cu (II) metal complexes of Schiff base derived from 2-hydroxy-4- methoxybenzaldehyde and 2-amino-6-methylbenzothiazole. *Egyptian Journal of Chemistry*, (2019), 62(2): 357-372.
- Madhuri Chaurasia, **Deepak Tomar** and Sulekh Chandra. Synthesis, spectroscopic characterization and DNA binding studies of Cu (II) complex of Schiff base containing benzothiazole moiety. *Journal of Taibah University for Science*, (2019),13(1): 1050-1059.
- Deepak Tomar**, Madhuri Chaurasia, Sulekh Chandra, Aruna Chhikara. Detection of heavy metal ions in water by rhodamine sensors: A modern approach. *DU Journal of Undergraduate Research and Innovation* (2017), 3(1): 83-96.

Trainings and online courses

- National webinar on "Use of technology" conducted by Chaudhary Charan Singh University Meerut U.P. on 10th August,2021.

2.	Faculty development program on "Digital tools for 21st century: Word processing and spreadsheets" conducted by Guru Angad Dev teaching- learning centre SGTB Khalsa College, University of Delhi from 27th January to 2nd February, 2021.
3.	National webinar on "Relevance and importance of Yoga in present scenario" conducted by Gurukul kangri Vishwavidyalaya, Haridwar from 17-19 June, 2020.
4.	International webinar on "Aatmnirbhar Bharat: Chunautiyan evam samadhaan" organised by Government degree college, Moradabad and NEEV on June 13, 2020.
5.	Webinar on "The new world order: Preparing professionals for post pandemic scenario" organised by Sri Aurobindo college, University of Delhi on June 13, 2020.
6.	Faculty development program on "Digital skills for teachers" conducted by Guru Angad Dev teaching-learning centre, SGTB Khalsa College, University of Delhi from 10th November-4th December, 2021.
7.	International Conference on "Advanced developments in Chemistry and allied sciences, 2021" organised by Deenbandhu chotu ram University of science and technology, Murthal, Sonipat from 16-17th December, 2021.
8.	Faculty induction programme on "Higher education" conducted by Ramanujan college, University of Delhi from 19th November-18th December, 2021.
9.	Awareness quiz on "Covid-19" conducted by Government College, Tirodi Balaghat, M.P. on 6th March, 2020.
10.	Poster presentation entitled "Rhodamine Derivatives: Colorimetric and fluorescent sensors for the detection of heavy metals in water samples" at the Workshop on skill development to build a clean india organized by Deshbandhu college in collaboration with CSR, oil and natural gas corporation Ltd, New Delhi at Deshbandhu College, Kalkaji, New Delhi (7-8 June, 2018).
11.	Poster presentation entitled "Synthesis, Spectroscopic characterization and antimicrobial studies of transition metal complexes of novel Schiff base ligand" at the National Conference on Organic Molecules as Synthons and Reagents for Innovations organized by Department of Chemistry, Indian Institute of Technology Roorkee (8-10 February, 2019).

Additional information (if Any)

1.	Cleared CSIR NET- JRF examination in 2015.
2.	Selected as Assistant professor in MPPSC.
3.	Cleared HPSC assistant professor examination.
4.	Cleared IIT- JAM entrance for M.Sc in 2013.
5.	Cleared GATE exam in 2017.
6.	Lifetime Membership of National Bodies: Indian Science Congress (I.S.C)