

Curriculum Vitae

Dr. Ravi Kumar Thakur

Ph.D. (Organic Chemistry)

Assistant Professor

Department of Chemistry,
M. V. College, Buxar, VKSU,
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Area of Expertise:

- Organic synthesis of glycoconjugates, heterocycles and their medicinal chemistry.
- Synthesis and characterization of heterocyclic moieties through advanced coupling techniques.

Educational Qualification

PhD	2013-2018	Medicinal & Process Chemistry Division, CSIR- Central Drug Research Institute, Lucknow, UP, India
M.Sc.	2009-2011	Chemistry (Specialization in Organic Chemistry), Kirori Mal College, University of Delhi (First Division)
B.Sc. (H)	2006-2009	Chemistry (Hons.), Kirori Mal College, University of Delhi, (First Division)
Intermediate	2006	C.B.S.E. Board, D.A.V. Public School, Baniahir, Dhanbad (First Division)
Matric (10th)	2004	C.B.S.E. Board, D.A.V. Public School, Baniahir, Dhanbad (First Division)

Academic Awards

2012 **Qualified National Eligibility Test (NET) & JRF in Chemical Sciences**
conducted by Council for Scientific and Industrial Research (CSIR) and University Grant Commission (UGC) in June 2012

Professional Experience

- Currently working as an Assistant Professor in the department of Chemistry at M. V. College Buxar, VKSU Ara, Bihar, **from April, 2025 totill date.**
- Worked as a **Research Scientist in Contract** Research Organization (CRO) based pharmaceutical company TCG Lifesciences Pvt. Ltd., **from March, 2020 to Dec, 2024**
- Worked as a **Research Scientist in Contract** Research Organization (CRO) based pharmaceutical company Jubilant Chemsys Ltd., **from March, 2019 to Feb, 2020.**
- Worked as Project JRF in the project entitled **“Development of optimal harvesting regimes for theselected Dashmoolaplantations in Gujarat”**, at Forest Research Institute, Dehradun, India **(Oct 2011 to Dec 2012)**

Publications:

S. No.	Title	Name of Journal	ISSN/ISBN
1.	Novel Tetrahydroquinazolinamines as Selective Histamine 3 Receptor Antagonists for the Treatment of Obesity	Journal of Medicinal Chemistry	1520-4804
2.	Synthesis of isatin based N1-alkylated 3-β-C-glycoconjugated-oxopropylidene oxindoles as potent antiplasmodial agents	European Journal of Medicinal Chemistry	1768-3254
3.	Synthesis and antiplasmodial activity of glyco-conjugate hybrids of phenylhydrazono-indolinones and glycosylated 1,2,3-triazolyl-methyl-indoline-2,3-diones	European Journal of Medicinal Chemistry	1768-3254
4.	Synthesis of novel glycosyl-1,2,3-1H-triazolyl methyl quinazolin-4(3H)-ones and their effect on GLUT4 translocation	Tetrahedron	1464-5416
5.	One-Pot Copper(I)-Catalyzed Ligand/Base-Free Tandem Cyclooxidative Synthesis of Quinazolinones	The Journal of Organic Chemistry	1520-6904
6.	Synthesis of novel pyrimidine nucleoside analogues owning multiple bases/sugars and their glycosidase inhibitory activity	Tetrahedron	1464-5416

DetailsofPaperspresentedinnational/internationalconferences:

TitleofthePaper	Title of the Proceedingsofthe Conference	Nameofthe Conference	Year	Type of participation
One-pot copper (I)-catalyzed ligand/base-free tandem cyclooxidative synthesis of quinazolinones	XII th J-NOST Conference for Research Scholars	XII th J-NOST Conference for Research Scholars	2016	Poster presentation
Synthesis of novel glycosyl-1,2,3-1 <i>H</i> -triazolyl methyl quinazolin-4(3 <i>H</i>)-ones and their effect on GLUT4 translocation	New Frontiers in Carbohydrate Chemistry and Biology	ACCTI CARBO-XXXI International Conference	2016	Poster presentation
Synthesis of novel pyrimidine nucleoside analogues owning multiple bases/sugars and their glycosidase inhibitory activity	52 nd Annual Convention of Chemists 2015 (Indian Chemical Society)	52 nd Annual Convention of Chemists 2015 (Indian Chemical Society)	2015	Oral presentation
Synthesis of novel pyrimidine nucleoside analogues owning multiple bases/sugars and their glycosidase inhibitory activity	33 rd Annual National Conference of Indian Council of Chemists	33 rd Annual National Conference of Indian Council of Chemists	2014	Poster presentation
Diversity oriented synthesis of pyran based polyfunctional stereogenic macrocycles and their conformational studies	Challenges in Chemistry and Biology of Carbohydrates	ACCTI CARBO-XXVIII International Conference	2014	Poster presentation
Diversity oriented synthesis of pyran based polyfunctional stereogenic macrocycles and their conformational studies	Emerging Trends in Glycoscience & Glycotechnology	A satellite symposium of ICS-27	2014	Poster presentation

Declaration:

I hereby declare that all the information stated above is true and complete to the best of my knowledge and belief and nothing has been concealed / distorted.

Place:Buxar, Bihar


(Ravi Kumar Thakur)

