



Name : Dr.Om Prakash
Designation : Assistant Professor
Department : Chemistry
Qualification : Ph.D
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Date of Birth : 09-10-1984
Joining Date : 11-07-2023

Specialization

Chemistry

Other Profile Links

Google
Scholar
Link :

Vidwan
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:

Linkedin
Orcid

Educational Qualification

Name of the Degree	Year of Passing	Institute/University
Ph.D Chemistry	2016	Chemistry Department, Barkatullah University Bhopal M.P.
M.Sc Chemistry	2010	Chitransh Amulya dutta P.G. College Arera Colony Bhopal M.P.
B.Sc (Medical)	2007	Himachal Pradesh University Shimla
B.Ed.	2008	Blooms college of Education Sunder nagar Mandi H.P.

Teaching Experience

Position Held	Department And Organization	From	To	Total Experience
Lecturere	Department of chemistry, Crescent College of Technology	01-01-2012	31-03-2014	2 years 3 months
Assistant Professor	Department of Chemistry, Abhilashi University Mandi H.P.	01-08-2016	18-02-2019	3 years
Assistant Professor	MPGC Amb Una H.P.	11-07-2023	Till date	1 year and 6 months

Research Experience

Research Interests : Transition and Inner Transition Metal Complexes of Antidiabetic Drugs

Brief Research Profile : During doctoral studies (2010-2016) I worked on transition and Inner Transition Metal Complexes of Antidiabetic Drugs . I have synthesized 20 Metal Complexes. Characterization of complexes was carried out by UV- Visible , NMR, IR, Mass Spectroscopic Techniques, X-Ray and TGA diffraction.. I also studied the biological study of metal complexes with albino rat an found that Synthesized compounds proved to be effective against the diabetes as compared to normal drugs

Membership

Life membership of Oriental Journal of Chemistry
Life membership of researchers society of chemical sciences, India (RSCS).
Reviewer, International Journal of Theoretical and Applied Sciences

Journal Publications

Year	Journal	Author(s)	Publication	Indexing
2013	<i>Oriental Journal of Chemistry</i>	Om Prakash , Bal Krishan and George Jacob	Synthesis, spectral characterization and X-ray diffractions of cerium complex of Glipizide; an oral antidiabetic drug. 2013, 29(2), 823-828	SCI
2013	<i>Chemistry and Materials Research</i>	Bal Krishan, S. A. Iqbal and Om Prakash	X-Ray diffraction and structural studies of Cu(II) complex with Gliclazide (N (hexahydrocyclopenta[c]pyrrol-2(1H)-ylcarbamoyl)-4-methylbenzenesulfonamide) and its hypoglycemic activity. 2013, 3(9), 18-27	SCI
2013	<i>Oriental Journal of Chemistry</i>	Om Prakash , S. A. Iqbal and George Jacob	Synthesis, physico-chemical, spectral, and X-ray diffraction studies of Zn(II) complex of Pioglitazone – A new oral antidiabetic drug. 2013, 29(3), 1079-1084	SCI
2013	<i>Oriental Journal of Chemistry</i>	Bal Krishan, Om Prakash and E. H. El-Mossalamy	Synthesis, characterization and spectral studies of gold complex with Gliclazide; an oral antidiabetic allopathic drug. 2013, 29(1), 381-388.	SCI
2014	<i>International Journal of Theoretical & Applied Sciences</i>	Om Prakash , Bal Krishan and S.A. Iqbal.	Synthesis and Spectral Characterization of Zirconium Complex of Pioglitazone: A New Oral Antidiabetic Drug 2014, 6(1), 36-42.	SCI
2014	<i>Biomedical and Pharmacology Journal</i>	Om Prakash and S. A. Iqbal	Hypoglycemic Study of Fe(II) and Zn(II) Complexes of Pioglitazone hydrochloride on <i>Wistar Albino</i> Rats using Alloxan Induced Method. 2014, 7(1), 75-80.	SCI
2014	<i>Material Science Research India</i>	Om Prakash Chouhan and Hansa Chouhan	X-ray Diffraction and Thermal Characterization Study of Samarium (III) Complex of Sulphonylurea, Glipizide: An Oral Antidiabetic Drug 2014, 11(1), 75-81	SCI
2014	<i>Oriental Journal of Chemistry</i>	Om Prakash Chouhan and George Jacob	FTIR, UV-Vis, magnetic, mass spectral and XRD studies of Ni ^(II) complex with pioglitazone: An oral antidiabetic drug 2014, 30 (4), 1501-1506	SCI
2015	<i>Journal of Indian Chemical Society</i>	Om Prakash and S. A. Iqbal	FTIR, ¹ H NMR, mass spectral, XRD and Thermal Characterization Studies of Nd ^{III} and Sm ^{III} Complexes of an Oral Antidiabetic Drug: Glipizide 2015, 92, 1-13	SCI

National / International conferences attended

1. International conference on *Waste Wealth and Health (ICWWH-2013)* at Madhya Pradesh Council of Science and Technology (MPCST), Bhopal India February 15-17 (2013).
2. National Seminar on **Green Chemistry** organized by Department of Chemistry Govt. Auto P.G. College Chhindwara (M. P.) India March 22-23 (2013).
3. National conference on *Modern Trends in Applied Chemistry and Environmental Sciences (MACES)* at Jai Narain College of Technology and Science, Bhopal India February 07-08 (2014).
4. National conference on *Green Chemical Technology for the Progress of Nation* at Sagar Institute of Science and Technology, Bhopal India September 19 (2015).