

CURRICULUM VITAE

Dr. Lokendra Kumar Ojha

82, Nand Vihar Colony, Last Line
Behind Narmda Road
Rau, Indore-453331
Mob. 09039663738

Email: ojha.lokendra@gmail.com



Ph.D. (Chemistry)

Thesis- QSAR studies of Tetrahydroimidazole Benzodiazepine -1-one (TIBO) derivatives as HIV-1 Non- Nucleoside Reverse Transcriptase Inhibitors (NNRTIs).

Year 2010-2013

Institute- Government Madhav Science Post Graduate College, Ujjain (MP), INDIA

University- Vikram University, Ujjain (MP), INDIA

RESEARCH INTEREST:

- QSAR (Quantitative Structure Activity Relationship)
- Computational Chemistry
- Drug Design and Molecular Modeling

RESEARCH EXPERIENCE: (3.0 Years)

University/College : **D. A. V. V., Softvision College, Indore**
Designation : Junior Research Fellow (JRF)
Duration : **March 2008- Sept 2010**
Funded By : Department of Science & Technology (DST), New Delhi, INDIA
Topic : Effect of substitution and structural features on bioactivity of Benzodiazepines receptor ligands.

TOTAL EXPERIENCE: 5.5 Years

Research (3 Years), Teaching (2+ Years) and Industries (0.6 Years)

TEACHING EXPERIENCE: (Total 02 Years)

College Name : **Mathuradevi Groups of Institute, Indore**
Designation : Assistant Professor
Duration : **Sept 2010- March 2012**
College Name : **Sushila Devi Bansal College of Technology, Indore**
Designation : Assistant Professor
Duration : **April 2012- Sept 2012**

PRESENT ORGANISATION:

College Name : **Oriental University, Indore**
Designation : Assistant Professor
Duration : **March 2013- till date**

INDUSTRIAL EXPERIENCE: (0.6 Years)

College Name : **IPCA Laboratories Ltd, Ratlam**
Designation : Chemist (Research & Development)
Duration : **August 2007- Feb 2008**

SOFTWARE HANDLING:

- Chemskech from ACD (Advanced Chemistry Development Lab) Ver. 11 and 12
- Hyperchem 6.3 Evaluation version
- ChemSW
- Marvin Bean 5.0
- SPSS
- Statistical Software "Analysis"

COMPUTER PROFICIENCY:

- Operating System : Windows 7 and 8
- S/W Packages : MS Office 2007 and 2010
- Languages : C and C++
- Internet Browsing and Application

PAPER PUBLISHED IN INTERNATIONAL JOURNALS:

TOTAL (16)

INTERNATIONAL JOURNALS 07, BOOK CHAPTER 02, CONFERENCE/ SEMINAR 07

Paper Published in International Journals

1. M. Thakur, **L. Ojha**, A Thakur, BK Solanki. *Study of active site and SAR of some Benzodiazepines*. J. Comp. Biology & Bioinformatics Research, **2010**, 2 (2), 10-19.
2. **Lokendra K. Ojha**, Ajay M. Chaturvedi and Arpan Bhardwaj. *QSAR study of some TIBO derivatives: A non conventional topological parameter approach*. Int. J. Research in Chemistry & Environment, **2011**, 1 (1), 16-23.
3. **Lokendra K. Ojha**, Ajay M. Chaturvedi and Arpan Bhardwaj. *Role of solvent accessible surface area (ASA+) and Balaben 3D index (J3D) in binding affinity of TIBO derivatives*. Int. J. Pharmaceutical Science. & Research, **2011**, 2 (12), 3177-3182.
4. **Lokendra K. Ojha**, Ajay M. Chaturvedi, Arpan Bhardwaj, Abhilash Thakur and Mamta Thakur. *Physicochemical investigation and role of indicator parameter in the modelling of Tetrahydroimidazole Benzodiazepine-1-one (TIBO): A QSAR study*. Asian J. of Res. in Chemistry, **2012**, 5(3), 377-382.

5. **Ojha Lokendra K.**, Sharma Rachana and Bhawsar Mukta Rani. *Modern drug design with advancement in QSAR- a Review*. Int. J. of Research in Biosciences, **2013**, 2(1), 1-12.
6. **Lokendra Kumar Ojha**. *Modeling of binding affinity of TIBO derivatives: A topological parameter approach*. Indo- American J. of Pharmaceutical Research, **2013**, 3(4), 3806-3820.
7. **Lokendra K. Ojha**, Ajay M. Chaturvedi, Arpan Bhardwaj, Mamta Thakur and Abhilash Thakur. *QSAR analysis of some TIBO derivatives as HIV-1 Reverse transcriptase inhibitors*. Int. R. J. of Pure and Applied Chemistry, **2013**, 3(4), 417-427.

Paper Published as a Book Chapter

1. **Lokendra Kumar Ojha**, Ajay M. Chaturvedi, Arpan Bhardwaj, Sushma Sharma and Omkar Singh. *Bioinformatics: An important and innovative tool for the drug design in modern era*. **2011.**, Chap. 12, pp 76-84, Pothi.com. ISBN 978-81-909720-8-6.
2. **L.K.Ojha**, M. Thakur, A.M. Chaturvedi, A. Bhardwaj, A. Thakur. *2D QSAR study of TIBO derivatives as an anti HIV agent*. **2011.**, Chap. 31, pp 143-147, **Springer-Verlag Berlin Heidelberg**. ISBN 978-3-642-23393-7, e-ISBN 978-3-642-23394-4.

Paper Presented in Seminar/Conferences

1. **Lokendra K. Ojha**, Mamta Thakur and Abhilash Thakur. *Modeling of binding affinity of Benzodiazepines receptor ligands*. National Conference on Cellular and Molecular Medicine., RGPV Bhopal, **04-06 February 2010**.
2. **Lokendra Kumar Ojha**, Ajay M. Chaturvedi, Arpan Bhardwaj, Sushma Sharma and Omkar Singh. *Bioinformatics: An important and innovative tool for the drug design in modern era*. National Conference on Recent Trends in the Field of Science and Technology., MITS, Ujjain., **16-17 April 2011**.
3. **L.K.Ojha**, M. Thakur, A.M. Chaturvedi, A. Bhardwaj, A. Thakur. *2D QSAR study of TIBO derivatives as an anti HIV agent*. Int. Conf. on Chemistry for Phytopotentials: Health, Energy and Environmental Perspectives., DEI, Agra. **04-06 Nov 2011**.
4. **Lokendra Kumar Ojha**. *QSAR analysis and modeling of binding affinity of some TIBO derivatives as HIV-1 Reverse transcriptase inhibitors*. 27th MP Young Scientist Congress, MPCST, Bhopal, **28-29 February 2012**.
5. **Lokendra K. Ojha**, Mamta Thakur, Ajay M. Chaturvedi, Arpan Bhardwaj, Abhilash Thakur and Jeetendra Bhawsar. *2-D QSAR Studies on TIBO Derivatives: Modeling of Anti HIV Activity*. Conferences on Advances in Pharmaceutical Research and Chemistry, NITTTR, Bhopal, **22-24 March 2012**.
6. **Lokendra K. Ojha**, Ajay M. Chaturvedi, Arpan Bhardwaj, Abhilash Thakur and Mamta Thakur. *Modelling of Biological Activity & QSAR of Some TIBO Derivatives as a Non*

Nucleoside Reverse Transcriptase. Int. Conf. on Chemical Constellation Cheminar., NIT Jalandhar, **10-12 Sept 2012**.

- 7. Lokendra Kumar Ojha.** *Modeling of binding affinity of TIBO derivatives: A topological parameter approach*. 28th MP Young Scientist Congress, MPCST, Bhopal, **February, 28 & March, 1 2013**.

WORKSHOP/SYMPOSIUM ATTENDED:

S.No.	Title	Organising Institute	Workshop/Symposium	Year
1.	Energy Conservation	Ujjain Engineering College, Ujjain	Seminar	14-15 Nov. 2006
2.	Advance in Energy, Engineering, and Environment	Bansal Group of Institute, Indore	Seminar	23-25 Sept. 2009
3.	New Trends in Chemistry	Vikram University, Ujjain	Workshop	26-27 Mar 2010
4.	Improving Skills in Pharmaceutical Practices	Government Autonomous Holkar Science College, Indore	Workshop	11-12 Dec.2010
5.	Research in Basic Sciences	Maharaja Ranjit Singh College of Professional Sciences, Indore	Symposium	20-21 Feb. 2011
6.	Nanotechnology: Upshots in Interdisciplinary Research	Institute of Engineering & Science, IPS Academy, Indore	Workshop	2-6 Aug. 2011
7.	Climate Change & Environment Management	Medi-caps Groups of Institutions, Indore	Symposium	24 Aug. 2011

SEMINAR /CONFERENCE ATTENDED:

S.No.	Title	Organising Institute	Year
1.	National Conference on “ <i>Energy Conservation for Sustainable Development</i> ”	Gyan Ganga Institute of Technology & Science, Jabalpur	18-19 Feb. 2011
2.	National Seminar on “ <i>Chemistry: A Modern & Innovative Tool</i> ”	Government Madhav Science PG College, Ujjain	4-5 Mar 2011
3.	National Seminar on “ <i>Water & Environment</i> ”	Government Motilal Vigyan Mahavidyalya, Bhopal	12-13 Mar 2011
4.	National Conference on “ <i>Green Chemistry & Environment</i> ”	Government Mata Jija Bai PG College, Indore	11-12 Dec 2010
5.	“ <i>27th MP Young Scientist Congress</i> ”	MP Council of Science & Technology, Bhopal	28-29 Feb 2012
6.	Conference on “ <i>Advances in</i> ”	National Institute of Technical	22-24

	<i>Pharmaceutical Research & Chemistry</i>	Teachers Training & Research (NITTTR), Bhopal	Mar 2012
7.	National Conference on “ <i>Recent Trends in Research & Analysis for Sustainable Development</i> ”	Government Madhav Science PG College, Ujjain	27-28 Mar 2012
8.	International Conferences on “ <i>Chemical Constellation Cheminar</i> ”.	National Institute of Technology, Jalandhar	10-12 Sept 2012
9.	National Seminar on “ <i>Advanced Research in Modern Sciences and Prospects in Intellectual Property Rights</i> ”	Choithram College of Professional Studies, Indore	14-15 Sept 2012
10.	“ <i>28th MP Young Scientist Congress</i> ”	MP Council of Science & Technology, Bhopal	28 Feb-1 March 2013

AWARD AND HONOURS:

- First position in M.Sc. (Chemistry) in Govt. Madhav Science PG College, Ujjain (MP)
- First position in Higher Secondary Examination at School level.
- Awarded fellowship (JRF) for 3 years from DST (Department of Science & Technology), New Delhi, INDIA.
- Editorial board member of International Journal of Research in Biosciences (IJRBS)
- Awarded six month (for year 2013-2014) fellowship from MPCST(Madhya Pradesh Council of Science and Technology), Bhopal in 28th MP, Young scientist congress

DECLARATION:

I hereby declare that all the information furnished above is true to the best of my knowledge and belief, and no related information is concealed.

Date :

Place : Indore

(LOKENDRA KUMAR OJHA)