

Name of the Faculty member- **Dr. Manju Choudhary**

Designation- **Assistant Professor**

Department- **Chemistry**

Qualifications- **M.Sc., Ph.D., CSIR-JRF, SRF**

Total teaching experience (in years) – **4 years**

Institute of doctoral degree- **University of Rajasthan, Jaipur**

Research experience as Research Supervisor (in years)- **-NIL-**

Number of Research papers/Articles published- **08**

Details of published article-

1. QSAR rationales for the 5-HT<sub>6</sub> antagonistic activity of Epiminocyclohepta[b]indoles. **Manju Choudhary** and Brij Kishore Sharma; *Der Pharma Chemica*, 2014, 6(6):321-330.
2. A QSAR study on 5-HT<sub>6</sub> receptor antagonists: the 3,4-dihydro-2H-benzo[1,4] oxazines. **Manju Choudhary**, Pradeep Paliania and Brij Kishore Sharma; *Journal of Chemical and Pharmaceutical Research*, 2015, 7(3):2422-2433.
3. QSAR Rationales for the 5-HT<sub>2A</sub> Receptor Antagonistic Activity of 2-Alkyl-4-aryl-Pyrimidine Fused Heterocycles. **Manju Choudhary**, Pradeep Paliania and Brij Kishore Sharma; *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 2015, 6(2):326-338.
4. QSAR Rationales for the Isoindolone Derivatives as 5-HT<sub>2C</sub> Receptor Antagonists. **Manju Choudhary**, and Brij Kishore Sharma; *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 2015, 6(3):1725-1736.
5. QSAR study on Benzodifuran analogs as potent 5-HT<sub>2A</sub> receptor agonists with ocular hypotensive activity; **Manju Choudhary** and Brij Kishore Sharma; *World Journal of Pharmaceutical Research*, 2015, 6(4):1109-1122.
6. QSAR study on selective high-affinity 5-HT<sub>4</sub> receptor ligands as prospective imaging probes for positron emission tomography (PET). **Manju Choudhary** and Brij Kishore Sharma; *Journal of Chemical and Pharmaceutical Research*, 2015, 7(5):439-446.
7. CP-MLR directed QSAR rationales for the activity profile of (phenylpiperazinyl-alkyl)oxindoles as 5-HT<sub>7</sub> receptor ligands. **Manju Choudhary** and Brij Kishore Sharma; *International Journal of Research in Ayurveda and Pharmacy*, 2015, 6(4):524-536.



8. CP-MLR directed QSAR rationales for the 1-aryl sulfonyl tryptamines as 5-HT<sub>6</sub> receptor ligands. **Manju Choudhary**, Shreekant Deshpande and Brij Kishore Sharma; *British Journal of Pharmaceutical Research*, 2015, 8(3):1-17.

No. of Books published- **-NIL-**

No. of book chapters/papers in proceedings- **03**

Details of published article-

1. *Technological Innovation in Pharmaceutical Research Vol. 7 (Chapter 6)*; “CP-MLR Directed QSAR Rationales for the 1-aryl Sulfonyl Tryptamines as 5-HT<sub>6</sub> Receptor Ligands: An Advanced Study” *Print ISBN: 978-93-91312-72-5, eBook ISBN: 978-93-91312-80-0. DOI: 10.9734/bpi/tipr/v7/2490E*
2. Proceedings: National conference on Environment Pollution, Health Hazards and Prevention (NCEPHHP-2015); “QSAR rationales for the cyclic guanidines as 5-HT<sub>5A</sub> receptor ligands”. **ISBN 978-81-7711-555-0.**
3. *Recent Trends in Chemical and Environmental Sciences*; “CP-MLR directed QSAR study on pyrido[2,3-b]pyrazine-3(4H)-one derivatives as potent aldose reductase inhibitors”. (**Accepted under publication**)

Conference attended (Invited Talk OR Presented Paper) - **11**

#### **International**

1. International Conference on Multidisciplinary Approaches to Diabetes Research & Health (**ICMADRH-2010**), University of Rajasthan, *Jaipur*: November 14-16, 2010.
2. Embracing the Other: Rediscovering Mahatma Gandhi and the Power of Non-violence, M.L.V. Govt. P.G. College, *Bhilwara*: September 20-21, 2019.
3. International Conference on Emerging Challenges Their Solutions and Recent Advances in Science (**SCICON-1**), Govt. Science P.G. College, *Sikar*: October 4-5, 2019.
4. 1<sup>st</sup> SSHA International Conference on Status of Vulnerable Sections in Society and Justice Through Constitution and Social Engineering, PDUS University & Govt. Arts P.G. College, *Sikar*: November 29-30, 2019.
5. Recent Trends in Chemistry and Environment (**RTCE-2021**), M.S.J. Govt. P.G. College, *Bharatpur*: March 5-6, 2020.

#### **National**

1. National conference on Environment Pollution, Health Hazards and Prevention (NCEPHHP-2015), M.S.J. Govt. P.G. College, *Bharatpur*: December 11-12, 2015.
2. National Conference on Organic Chemistry in Sustainable Development: Recent Advances and Future Challenges, Birla Institute of Technology & Sciences (BITS), *Pilani*, August 29-30, 2016.
3. National Conference on Environmental Challenges, Human Health and Society (**NCEHS-2016**), University of Rajasthan, *Jaipur*: September 8-10, 2016.
4. Recent Trends in Environmental Sustainability and Green Practices (**RTESGP-2019**), Govt. P.G. College, *Bundi*: November 15-16, 2019.

5. National Conference on Higher Education and Sustainable Development Goals (**HESDG-2019**), Seth RLS Govt. P.G. College, Kaladera, *Jaipur*: December 6-7, 2019.
6. National Seminar on Water conservation: Management Techniques and Awareness, *Sikar*: January 17-18, 2019.

Research projects handled- **-NIL-**

Member of BOS, Academic council- **No**

---

**Email:** [divyanshimanju@gmail.com](mailto:divyanshimanju@gmail.com)

**Contact:** +91 94136 44888