

MRS. PRIYANKA SONI

Designation: Assistant Professor

Qualification Details: B. Pharm (Honors), M. Pharm, Ph.d (Pursuing)

Official email id: priyanka.soni@cdgi.edu.in

Experience details: 8 years

Interest Areas: 1. CADD & Molecular Modeling

2. Drug Design, Synthesis of Medicaments

3. Bio-analytical method development using HPLC, UPLC etc.



Research:

1. Computer aided Drug Design of Novel Antidiabetic agents.

2. Bioanalytical method development for combination of drugs in human plasma using HPLC.

Publications – 07

Patents-01(applied)

Presentations – 8

Conferences / Workshops / Seminars attended:

Paper presented at International Conferences/ National Seminar:

- Presented paper in **International Conference IPSAPHARM**, entitled Global perspective on multidisciplinary approaches in pharmaceutical sciences at IPS Academy College of Pharmacy, Indore, on 18th & 19th November 2017
- Presented research paper & poster entitled Simultaneous determination of Paracetamol & Lornoxicam in human plasma in 18th IPA Pharma meet 2018 held at Indore, Madhya Pradesh on 8th April 2018.
- Presented review paper & poster entitled A Systematic Comprehensive Scientific Investigation of Computer Aided Drug Design in Fighting against Diabetes Mellitus: Success, Limitations & Future in national seminar on herbal medicines as a foundation for drug discovery: present status and future perspective organized by Smriti college of Pharmaceutical education, Indore on March 24th, 2018
- Presented oral presentation on UV Spectrophotometric method for simultaneous determination of Lamivudine and Zidovudine combination using Dual Wavelength method and Isoabsorptive method in MPCST sponsored national Seminar on intellectual property rights and its impact on human being at Sri Satya Sai University of technology and medical sciences, SSSUTMS dated 21st April 2018.

- Poster presentation in National Seminar on Emerging Trends & innovation in Pharmaceutical Biotechnology at RCP, Indore on 26th September 2014.
- Presented paper in National seminar on emerging trends of novel drug delivery sponsored by Madhya Pradesh council of science and technology at Rishiraj College of Pharmacy, Indore dated 27/02/2013
- Presented oral presentation on research paper entitled Computer aided designing of some PTP1B inhibitors as anti-diabetic agents in the National seminar on recent global development on technology, management & science RGDTMS-2011, at Rishiraj Institute of Pharmacy, Indore on October 20-22, 2011.
- Presented paper at M.P. IPA Pharma Meet 2012, held at Indore, Madhya Pradesh on 18th March, 2012, entitled computer aided designing of some potential anti-diabetic agents.

Participation in National Seminar & Conferences:

- Participation in MP- PRIDE 2018, Madhya Pradesh- a National conference on empowering people to improve their lives on 16-17 February 2018.
- Participation in MPCST sponsored National Seminar on a conceptual analysis with special emphasis on bridging the skill gap between pharmaceutical industry and academia on 11 March 2018.
- Participated in one day workshop on techniques and advances in herbal drug extraction, isolation and standardization at Dr. A. P. J. Abdul Kalam University, Indore on 27th October 2017.
- One Day Industrial Motivation Camping under EDP's Scheme, at Smriti college of Pharmaceutical education, Indore on 26th September 2017.
- Participation in 16th IPA Pharma Meet 2016 at Indore on 13th March 2016.
- Faculty Development Program on Need of Pharmaceutical Patenting Invention" In association with MPCST on 19th September 2015 at Acropolis North Campus, Indore
- Participation in Pharma Meet 2015 organized by IPA MP State Branch, Indore on 15th March 2015.
- Participation in IPA Pharma Meet 2014 held at Indore, M.P. on 2nd March 2014.
- Participation in one day national level seminar on optimizing drug delivery systems using formulation by design (FbD) at Shri Aurobindo Institute of Pharmacy, Indore on 25th February 2012.

Academic Activities –

- **Faculty Development Programme (Duration two weeks or more):** Participated in 15 days Staff Development Program (MPCON Ltd. and NSTEDB Sponsored) at Christian eminent college, Indore on Entrepreneurship from 29.1.18 to 12.02.18.

Awards:

- Awarded **Young Scientist award** at International conference at ICIPMBS, Oriental University Indore dated 29th -30th September 2018.
- Awarded **first prize** in poster presentation in pharmaceutical chemistry category in MPCST sponsored national seminar at Modern Institute of Pharmaceutical education Indore on 15/09/2018.
- Awarded as **First runner- up** for the review paper & poster entitled a systematic comprehensive scientific investigation of computer aided drug design in fighting against diabetes mellitus: success, limitations & future in national seminar sponsored by MPCST on herbal medicines as a foundation for drug discovery: present status and future perspective organized by Smriti college of Pharmaceutical education, Indore on March 24th 2018.
- Awarded as **First runner- up** for research paper & poster entitled Simultaneous determination of Paracetamol & Lornoxicam in human plasma in 18th IPA Pharma Meet 2018 held at Indore, Madhya Pradesh on 8th April 2018.
- Awarded as **First runner- up** for research paper & poster at M.P. IPA Pharma Meet 2012, held at Indore, Madhya Pradesh on 18th March, 2012, entitled computer aided designing of some potential anti-diabetic agents.

Publications:

- Joshi A., Soni P., Malviya N., Malviya S., Kharia A., Analgesic and Anti-inflammatory Activity of Hydro-Alcoholic Extract of Juglans regia, International Journal of Emerging Trends in Science & Technology, 2017, 4(9), 5925-5934. (ISSN: 2348-9480)
- Joshi A., Gupta D., Soni P., Malviya S., Jhade D. & Kharia A., Anti-anemic activity of Hydro-Alcoholic Leaf Extract of Tamarindus Indica in Phenylhydrazine Induced Anemic Rats, Journal of Harmonized Research in Applied Sciences, 2017, 5(3), 132-135. (ISSN: 2321-7456)
- Joshi A., Soni P., Khan J. P., Vyas N., Malviya S., Kharia A., Anti-Anemic Activity of Hydro-Alcoholic Leaf Extract of Aegle Marmelos in Phenylhydrazine Induced

Anemic Rats International Journal of Current Research, 2017, 9(4), 48928-48931.
(ISSN: 0975-833X)

- Joshi A., Soni P., Khan J. P., Vyas N., Malviya S., Kharia A., Antidepressant Activity of Hydroalcoholic Extract of BuchananiaLanzan, European Journal of Biomedical And Pharmaceutical Sciences, 2017, 4(8), 800-803. (ISSN: 2349-8870)
- Joshi A., Soni P., Malviya S., & Kharia A., Diuretic Activity of Hydro-Alcoholic Extract of NyctanthesArbotristis in Albino Rats, International Journal of Current Advanced Research, 2017, 6(3), 2613-2615. (ISSN: 2319-6475) (ISSN: 2319-6505)
- Joshi A., Soni P., Vyas N., Khan J. P., Dwivedi S., Malviya S., & Kharia A., Memory Enhancing Activity of BuchananiaLanzanby Scopolamine Induced Amnesia in Rats, European Journal of Biomedical and Pharmaceutical Sciences, 2017, 4(6), 355-361. (ISSN: 2349-8870)
- Joshi A., Soni P., Malviya S., Kharia A., Memory Enhancing Activity of MomordicaCharantia by Scopolamine Induced Amnesia in Rats, International Journal of Comprehensive & Advanced Pharmacology, 2017, 2(1), 11-18. (ISSN: 2456-9542)