

SIMRAN CHAURASIA

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OBJECTIVE

To work in an organization with a vibrant and competitive environment, where I can show my skills of Pharmacy and achieve desired career growth through perpetual learning, knowledge, positive attitude and personal development.

Academic Qualification			
Year	Degree	Institute	Percentage
2021	Ph.D.	Maharaja Ranjit Singh Punjab Technical University (Punjab)	Pursuing
2017	Master of Pharmacy (Pharmaceutics)	Lovely Professional University (Punjab)	72%
2015	Bachelors of Pharmacy	Lovely Professional University (Punjab)	67%
2010	Class XII, ISC	St. Joseph's Convent School (Varanasi)	82%
2008	Class X, ICSE	St. Joseph's Convent School (Varanasi)	79%

TECHNICAL SKILLS

- Computer Skills: M.S. office (MS word, MS Power Point, MS Excel), etc
- Animal Handling: Rats.
- Software: Animal Simulator, Chemdraw, Mendeley, UV Probe (UV visible), IR solution (FTIR).
- Instrument Handling: Shimadzu UV Spectrophotometer, HPLC, Shimadzu FTIR Spectrophotometer, Bath Sonicator, Ultracentrifuge, Dissolution Rate test Apparatus, Brookefield Viscometer, Multi-punch tablet compression machine, Rotary Tablet Machine (Minipress), Capsule filling machine, Tube filling and crimping machine, Ampoule filling and sealing machine, Disintegration test apparatus, Monsanto and Pfizer hardness tester, Friability test apparatus, Rota Evaporator, etc.

PROJECTS UNDERTAKEN

- **Project 1:** Formulation and Evaluation of Ropinirole loaded Transferosomes through Intranasal Drug Delivery System for Parkinson's disease.
Objective: To encapsulate a hydrophilic drug into transferosomes.
Description: Research project based on development of ultra-deformable vesicles and various evaluation test were performed along with in-vivo studies to check the bioavailability and brain uptake of drug.
- **Project 2:** Capstone Project on Computational Approaches for the Discovery of Natural Lead Structures.
Objective: To learn about the newer natural lead structures.
Description: The Project was based on the literature review.

PUBLICATIONS (ARTICLES)

- Plant based Bioavailability Enhancers; Current Pharmaceutical Design. (2022, 28(8) 642 - 654)
- Transfersomes: Novel approach for intranasal delivery; European Journal of Pharmaceutical and Medical Research. (EJPMR, 2017 4(3), 192-203)

PUBLICATIONS (BOOK CHAPTERS)

- **Chaurasia, S.,** Bhadauria, S., Aquasomes: A self-assembled nano vesicle (Chapter 14), Research and Development in Pharmaceutical Science, Volume III, Bhumi Publications. (ISBN: 978-93-91768-47-8). (2022)
- Mandal, U., **Chaurasia, S.,** Bhadauria, S., Ayurvedic Remedies for Psoriasis (Chapter 21), Ayurvedic Remedies for the Diseases of Microbial Origin, Volume II, Academic Decipher Press. (ISBN Number: 978-81-956220-9-2). (2022)

PUBLICATIONS (BOOKS)

- Ayurvedic Remedies for the Diseases of Microbial Origin, Volume 2, Academic Decipher Press. ISBN number: 978-81-956220-9-2. (2022)
- Computational Approaches for Discovery of Natural Lead Structures, LAP LAMBERT Academic Publishing. ISBN number: 978-620-0-26165-6. (2019)

PATENT

- **Chaurasia, S., Khurana, N.,** Novel Formulation of Ropinirole. **Australian Patent Application No. 20201103125, granted on 09.03.2022.**
- **Chaurasia, S., Khurana, N.,** Novel Formulation of Ropinirole. **Indian Patent Application No. 202011046423, 06.11.2020.**
- **Chaurasia, S., Bhatia A.,** ATOMIZER FOR SPRAY DRYER. **Indian Patent Application No. 209188 (Design Patent).**

CONFERENCES ATTENDED

- Presented an oral presentation in Two days International Conference on “Feminine Hygiene Management- Beyond Taboo” (ICHFM-2022) on the Theme of "To Sensitize Feminine Hygiene Management Including Reproductive Health, Menstrual Hygiene, and Menopause across the Genders” organized by School of Pharmaceutical Sciences in an under the technical guidance of UNICEF-India at Lovely Professional University, Punjab. (November 2022).
- Presented an oral presentation in Three days International Conference on “Emerging Role of Pharmacist in Innovation, Discovery & Development of Biological Products & Bio-Pharmaceuticals” organized by Department of Pharmaceutical Sciences FMSH, Gurukul Kangri, Haridwar (September 2021).
- International Conference on “Research Innovation, IPR & MSME Opportunities in Pharmaceutical Sciences” organized by IIMT College of Pharmacy, Greater Noida, Uttar Pradesh. (March 2021)
- International Conference on “Current Scenario in Advancements of Pharmaceutical Education & Research: Challenges & Prospects, SVCPCON-2020” organized by Swami Vivekanand College of Pharmacy, Banur Punjab. (December 2020)
- National Virtual Conference on “Pharma Vision 2k25” organized by Shri Balaji Book Distributors & Association of Pharmaceutical Teachers of India (APTI). (September 2020)
- International Online Conference of Society of Pharmaceutical Education & Research (SPER-SPRINGERCON- 2020) “Adding value in academic book publishing: Role of learned societies and international publishers”. (August 2020)
- 2 days National E-Conference on “Alternatives to Animal Testing’s: Replacement, Reduction, Refinement, Rehabilitation, Reuse and Recreation (6Rs) Strategies to Address Current Scenario” organized by Laureate Institute of Pharmacy, Kathog, Kangra (H.P.) (July 2020)
- National E-Conference on “Impact of COVID-19 on Advancements in Pharmaceutical Sciences” organized by Y BLACKBOARD (July 2020)
- International Virtual LCMS Conference 2020 “A Virtual Event Designed for the Masses: your fast track to confident results” organized by Thermo Fisher Scientific. (June 2020)
- International Online Conference of Society of Pharmaceutical Education & Research (SPERCON- 2020) “Empowering Pharmacist for the next Generation: To improve Health and Wellness”. (May 2020)
- Presented poster in Phytocon (2018) - International Conference on Commercialization of Medical Plant Product: Lab Techniques Trade and also attended as a delegate.
- Presented poster in International Conference of Pharmacy (ICP - 2017) and also attended as a delegate & volunteer.
- Presented an oral presentation in National Conference on Amalgamation of Recent Pharmaceutical Developments in Ayurveda (LPUNASYACON-2016) and also attended as a delegate & volunteer.
- 3rd Annual Conference of Society of Pharmaceutical Education & Research (SPER- 2014) as delegate & volunteer.

- 29th Annual Conference of Indian Pharmacy Graduates' Association (IPGA-2014) as delegate & volunteer.

FACULTY DEVELOPMENT PROGRAMME (FDP) ATTENDED

- 5 Days FDP On "Current Trends and Futuristic Challenges in Pharmaceutical and Healthcare Sector" organized by School of Pharmaceutical Sciences, CT University, Ludhiana in collaboration with APTI. (9th January to- 13th January, 2023)
- 3 Days FDP On "Current Scenario and Future Prospects in Pharmacy Practise and Technology" organized by Career Point University Hamirpur, Himachal Pradesh. (1st August to – 3rd August, 2022)
- 3 Days FDP On "Latest Pedagogy Tools for Teaching and Innovative Research in Pharmacy" organized by Himalayan Institute of Pharmacy, Himachal Pradesh. (4th April to -6th April, 2022)
- 5days Faculty Development Programme on “Best Practices in Innovation, Entrepreneurship and Intellectual Property Rights in Pharmaceutical Sector: Prospective Trends” organized by Amity Academic Staff College in Association with Amity Institute of Pharmacy, Amity University, Noida, Uttar Pradesh. (July 5, 2021 to July 9, 2021).
- One week Faculty Development Programme on “Developing Effective Research Skills” organized by Centre of Excellence for research & innovation, CT Institute of Engineering, Management & Technology, CT Group of Institutions, Jalandhar, Punjab. (June 21, 2021 to June 25, 2021).
- One week Induction Programme on “Multidisciplinary and Translational Drug Development QbD in Pharma Development” organized by Anjuman-I-Islam’s Kalsekar Technical Campus, School of Pharmacy, New Panvel, Maharashtra. (May 24, 2021 to May 29, 2021).
- 5 days Faculty Development Programme on “Impact of Covid on Higher Education & Research Initiatives” organized by Sri Venkateshwaraa College of Engineering & Technology, Pondicherry in association with Indian Society for Technical Education, New Delhi. (May 24, 2021 to May 28, 2021).
- One-week National Online Faculty Development Programme on “Recent Trends & Advancements in Pharmaceutical Sciences” organized by IIMT College of Pharmacy, Greater Noida, Uttar Pradesh. (February 1, 2021 to February 6, 2021).

WORKSHOP ATTENDED

- Workshop on “Mastering Excel: Tour from beginner to advanced” organized by Chitkara Business School Chitkara University Punjab. (September 2020)
- Author Workshop on “How to write and Publish Scientific Articles and Manuscripts” jointly organized by Lovely Professional University, Punjab and Springer Nature. (April,2018)
- One day Workshop on Intellectual Property Rights-Patent searching and Idea development organized by Division of Research & Development as a delegate. (August, 2016)
- National Seminar Cum Workshop on Pharmacovigilance organized by IPGA Phagwara Chapter as delegate and volunteer. (March, 2016)

ACHIEVEMENTS

- Selected among the top 30 teams in the National Level Innovation Competition, Pharmathon: Innovations for Healthy Bharat organized by School of Pharmacy, Dr Vishwanath Karad MIT World Peace University, Pune Maharashtra, 2022
- Worked as an evaluator for National Level Pharmaceutics-I video making competition organized by Academic Decipher Mumbai, 2022
- Runner-up: E-blog writing competition. Pharmanecia 2.E, an International Pharma E-Tech Fest organized by Operant Pharmacy Federation, 2020
- First prize: Best out of Waste Competition. Lovely Professional University, 2016.
- Second prize: Collage Making Competition. Lovely Professional University, 2016.
- Second prize: Picture Perception Competition organized by Apple foundation, Lovely Professional University, 2015.
- Second prize: The Great Debate Competition organized by Division of Research & Development, Lovely Professional University, 2015.
- First prize: Rangoli & Collage Making Competition. Lovely Professional University, 2014.
- First prize: Biotech Model Mania, Youth Vibe-LPU National Open Fest. Lovely Professional University, 2013.
- Special appreciation award for sincerity & creativity. St Joseph's Convent School, 2010

EXTRA CURRICULAR ACTIVITIES

Participated in:

- E-Quiz Competition, in Pharmanecia 2.E an International Pharma E-Tech Fest organized by Operant Pharmacy Federation (OPF) on the occasion of World Pharmacy Day 2020.
- World IP Quiz Contest, organized by ISERD- Intellectual's Society for Entrepreneurship and Research Development. (2020)
- Cancer Walkathon, successfully completed the 3km walk organized by Dayanand Medical College & Hospital & American Oncology Institute – 2018.
- Explorica, as a venue coordinator, organized by Division of Admissions, Lovely Professional University- 2015.
- One India, as a venue coordinator, organized by Division of Cultural Affairs & division of Students affair, Lovely Professional University-2014.
- One World, as a venue coordinator, Lovely Professional University-2014.
- Health Fair, Lovely Professional University-2013.

WORK EXPERIRNCE AND TRAININGS

- Working as an Assistant Professor, Department of Pharmaceutical Sciences Maharaja Ranjit Singh Punjab Technical University, Bathinda. From December 2020 to present.
- One-week practical hands-on training from on High Pressure Liquid Chromatograpy (HPLC) from SMPIC, NIPER, SAS Nagar Punjab. (October, 2019)
- One week training on Lab Instrumentations from Oniosome Research (P) Ltd, Mohali Punjab. (September 2019)
- Worked as an Assistant Professor, Department of Pharmacy, Babu Banarasi Das Northern Indian Institute of Technology, Lucknow. From July 2019 to Sept 2019.
- Worked as an Assistant Professor, Department of Pharmaceutical Sciences CT University, Ludhiana. (Additional responsibilities: Office Executive in Examination Department and Admission Counselor for admission session in CTU) from May 2018 to June 2019.
- Worked as an Assistant Professor, Department of Pharmacy, St Soldier's Group of Institutions, Jalandhar from October, 2017- May, 2018)
- Worked at SANKALP ENVIRO, an NGO under the aegis of Division of Students Affair LPU as an active member and coordinator. (Work description: organized and coordinated various events, even judged few of them and also creativity head) from August 2016- May 2017.
- Worked as a trainee for four weeks at Amritsar Pharmaceuticals Laboratories, Amritsar from 1st July 2014 to 30th July 2014. During the training period I was given hands on training in the manufacturing and testing of raw materials and finished products.

LANGUAGES KNOWN:

- English
- Hindi

HOBBIES:

- Listening music
- Painting
- Reading books

PERSONAL DETAILS

- Name: Simran Chaurasia
- Father's name: Mr. Ravi Prakash Chaurasia
- Mother's name: Mrs. Shimla Chaurasia
- DOB: 07-11-1991.
- Gender: Female

- Religion: Hindu
- Blood group: B+

Registered Pharmacist with Uttar Pradesh Pharmacy Council under section 32 (2) vide registration number 70504.

I hereby solemnly declare that all the information provided here is true to the best of my knowledge.

Place: Bathinda

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References:

- ❖ **Dr. Amit Bhatia**
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- ❖ **Mr. Vinod Kumar**
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