



CURRICULUM VITAE

Dr. GEETA DESWAL

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OBJECTIVE

Aimed with professional knowledge and creativity, aspiring to render quality service, I would like to devote my capacity and abilities of hard work and dedication towards my pharmacy profession with a positive attitude and for the institution's growth.

PRESENT STATUS

Working as Professor, HoD (Pharmacognosy Deptt), IQAC and NBA Coordinator at Guru Gobind Singh College of Pharmacy, Yamuna Nagar.

PROFESSIONAL QUALIFICATIONS

- **PhD (Pharmaceutical Sciences)** under the guidance of Prof. (Dr.) Vipin Saini, M M College of Pharmacy, MM University Mullana, Ambala, Haryana (Oct. 2011 to May. 2017). Research work carried out at **Herb Heal Research Consortium Pvt. Ltd. Amritsar.**
- **M. Pharmacy (Pharmacognosy)** from M M College of Pharmacy, MM University Mullana, Ambala, Haryana in 2011 (77%).
- **B. Pharmacy** from M M College of Pharmacy, MM University Mullana, Ambala, Haryana in 2009(67%).

TEACHING EXPERIENCE

- ❖ Worked as **Associate Professor** at Guru Gobind Singh College of Pharmacy, Yamuna Nagar (30 September 2017 to 31 July 2022).
- ❖ Worked as **Assistant Professor** at Guru Gobind Singh College of Pharmacy, Yamuna Nagar (06 Aug. 2013 to 30 September 2017).

- ❖ Worked as **Assistant Professor** at the Institute of Pharmaceutical Sciences, Kurukshetra University Kurukshetra. (3 August 2012 to 13 May, 2013)

RESEARCH AREAS

- ❖ Proficient in Quality audit of marketed herbal formulations.
- ❖ Possess keen interest in phytochemical screening of Medicinal plants.
- ❖ Skilled in Plant Tissue Culture Techniques.
- ❖ Worked on HPLC, UV spectrophotometer, Soxhlet Apparatus, Clevenger Apparatus, Sonicator, Rota evaporator, Thin Layer and Column Chromatography *etc.*
- ❖ Proficient in Ms-Office with Local Area Networking & Online Connectivity *etc.*

PUBLICATIONS

For details of patents/ copyright/ publication/ book (**Annexure-I**) and FDP/ Conferences/ Seminar attended (**Annexure-II**).

PROJECT/CONSULTANCY GRANTS RECEIVED

- Received grant (Rs. 50000/-) from the **Department of Biotechnology, Ministry of Science & Technology**, Govt of India for Organizing Two days National Conference “Challenges and Opportunities in Drug Discovery Using Biotechnology” on Nov 25-26, 2022.
- Received project grant (Rs. 7,00,000/-) under **MSME Innovative Scheme** (Incubation, Design & IPR) of MSME Champion Scheme for GoI assistance on July 23, 2022.
- Received consultancy grant (Rs. 100,000/-) from **Physics Herbal, Panchkula**, Haryana for standardization of two herbal products (Bestoimmune and BOS C) on June 17, 2020.
- Received consultancy grant (Rs. 2,50,000/-) from **INDS Well Ayurveda, Jagadhari**, Haryana for the development of Immunity Booster & Liver Syrup on 15th Oct. 2019.

AWARDS & MEMBERSHIPS

- Received “Best Counsellor Award” Youth Red Cross Society.
- Received “Young Achiever Award” on the Occasion of “Pharma Vision 2K25” by Shree Balaji Books.
- Innovational Ambassador (Pre- Incubations & Incubation Management) by MHRD Innovational Cell, AICTE, New Delhi.
- Life member of **Association of Pharmaceutical Teacher in India (Reg. No. HA/LM-194)**.
- Registered Pharmacist with Haryana State Pharmacy Council, Panchkula (**Reg. No. 20862**).
- Organized more than 30 FDP/Conferences/Seminars/Workshops in collaboration with different Government and Non-government organizations.
- Performed duty of Center Superintendent in various university annual examinations conducted by Pt. B.D. Sharma University of Health Sciences, Rohtak.

RESEARCH GUIDANCE

- Supervised 03 M. Pharmacy and 10 B. Pharmacy students for their research work.

REFERENCES

Prof. Kumar Guarve

Principal

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Prof. Rohit Dutt

Principal

GMN College

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I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date :

Place: Yamuna Nagar (Haryana)

(Geeta Deswal)

Annexure-1

Patents

1. Gourav Dhiman, Rameshwar Dass, **Ashwani Kumar Dhingra**, Kumar Guarve, Bhawna Chopra, Priyanka Kriplani, Geeta Deswal, Ajmer Singh Grewal, Hitesh Malhotra. **Antidepressant Effervescent Tablet of Hesperidin** (Application No. 202311004342).
2. Amit Kumar, Priyanka Kriplani, Bhawna Chopra, Kumar Guarve, Geeta Deswal, **Ashwani Kumar Dhingra**, Rameshwar Dass, Ajmer Singh Grewal, Hitesh Malhotra. **Formulation and Evaluation of Hydrogel for Wound Healing in Diabetes** (Application No. 202311004358).
3. Vishakha Devi, Rameshwar Dass, Geeta Deswal, **Ashwani Kumar Dhingra**, Kumar Guarve, Bhawna Chopra, Priyanka Kriplani, Ajmer Singh Grewal, Hitesh Malhotra. **Herbal Gel for Treatment of Piles** (Application No. 202311008961).
4. Varun Aggarwal, Priyanka Kriplani, Rameshwar Dass, Kumar Guarve, Bhawna Chopra, Geeta Deswal, **Ashwani Kumar Dhingra**, Ajmer Singh Grewal, Hitesh Malhotra. **Formulation and Evaluation of Effervescent Floating Tablet for Treatment of Ulcer** (Application No. 202311008972).
5. Kumar Guarve, Geeta Deswal, Bhawna Chopra, Priyanka Kriplani, **Ashwani K. Dhingra**, Rameshwar Dass. **Herbal liposomal local anesthetic spray and method of use thereof** (NRDC/IPR/PA/20044/2021 dated 24.01.2022).
6. **Ashwani K. Dhingra**, Kumar Guarve, Bhawna Chopra, Geeta Deswal, Priyanka Kriplani, Rameshwar Dass. **Medicated air freshener gel compositions for automobiles and preparation method thereof** (NRDC/IPR/PA/20045/2021 dated 24.01.2022).

Patent (Design)

1. Ashwani K. Dhingra, **Geeta Deswal**, Bhawna Chopra, Priyanka Kriplani, Kumar Guarve, Rameshwar Dass. Laboratory Condensor Waste Water Recycling Unit (Design Accepted and Published, Journal No is 30/2020 and Journal Date is 24/07/2020; Application No. 319093-001).
2. Ashwani K. Dhingra, **Geeta Deswal**, Bhawna Chopra, Priyanka Kriplani, Kumar Guarve, Rameshwar Dass. Heating Mantle (Design Accepted and Published, Journal No is 06/2021 and Journal Date is 05/02/2021; Application No. 321275-001).
3. Ashwani K. Dhingra, Bhawna Chopra, Kumar Guarve, **Geeta Deswal**, Priyanka Kriplani, Rameshwar Dass. Portable Bottle Sealing Machine (Design Accepted and Published, Journal No is 07/2021 and Journal Date is 12/02/2021; Application No. 329046-001).
4. Deepak Singla, Benu Chaudhary, Abhishek, Preeti, **Geeta Deswal**, Ashwani Dhingra, Ajmer Singh Grewal, Kumar Guarve. Pellet Funnel Drum Apparatus for Laboratory Use (Design Accepted and Published, Journal No is 40/2021 and Journal Date is 01/10/2021; Application No. 346716-001).
5. Peeyush Kaushik, Anjali Sharma, Kumar Guarve, Ashwani Dhingra, **Geeta Deswal**, Ajmer Singh Grewal, Bhawna Chopra, Priyanka Kriplani, Hitesh Malhotra, Prerna Sharma. (Application Accepted, Application No. 365039-001).
6. Kajal Nagpal, Udit Handa, Ashwani K. Dhingra, Deepshi Arora, **Geeta Deswal**, Kumar Guarve. **Digital Illusion Assembly** (Design Application Number: 383352-001).
7. Rameshwar Dass, Bhawna Chopra, **Geeta Deswal**, Priyanka Kriplani, Ashwani K. Dhingra, Ajmer Singh Grewal, Kumar Guarve, Sonam Grewal, Suresh Kumar. **X-Ray Platform for Animals** (Design Application Number: 383353-001).

Copyright

1. Kumar Guarve, **Geeta Deswal**, Priyanka Kriplani, Ashwani Dhingra, Bhawna Chopra. Process for defining Vision, Mission, and PEOs of the Program (Registration No. L-75025/2018).
2. Ashwani Dhingra, Kumar Guarve, **Geeta Deswal**, Priyanka Kriplani, Bhawna Chopra. Process for Dissemination of Vision, Mission, and PEOs of the Program (Registration No. L-74698/2018).
3. Kumar Guarve, Ashwani Dhingra, Bhawna Chopra, **Geeta Deswal**, Priyanka Kriplani. Process for Curricular Gaps Identification and Their Compliance (Registration No. L-74665/2018).
4. Ashwani Dhingra, Bhawna Chopra, Kumar Guarve, **Geeta Deswal**, Priyanka Kriplani. Process for the conduct of Internal Exams (Registration No. L-74689/2018).
5. Ashwani Dhingra, Kumar Guarve, **Geeta Deswal**, Priyanka Kriplani, Bhawna Chopra. Teaching Learning Process (Registration No. L-74696/2018).
6. Priyanka Kriplani, Kumar Guarve, Rameshwar Dass, **Geeta Deswal**, Bhawna Chopra, Ashwani Dhingra. Process for Monitoring and Evaluation of Minor Research Project (Registration No. L-102269/2021).
7. **Geeta Deswal**, Priyanka Kriplani, Kumar Guarve, Rameshwar Dass, Ashwani Dhingra, Bhawna Chopra. Process for Calculating Attainment level of Course Outcomes (Registration No. L-102270/2021).
8. Ashwani Dhingra, Bhawna Chopra, **Geeta Deswal**, Priyanka Kriplani, Kumar Guarve, Rameshwar Dass. Process for Identification of Slow and Fast Learners (Diary Number: 2121/2021-CO/L).

9. Ashwani Dhingra, Bhawna Chopra, **Geeta Deswal**, Priyanka Kriplani, Kumar Guarve, Rameshwar Dass. Process for Assessment of Individual and Team Performance (Diary Number: 5142/2021-CO/L).

Paper Published

1. Prabhjot Kaur, Geeta Deswal, Bhawna Chopra, Priyanka Kriplani, Ajmer Singh Grewal and Ashwani K. Dhingra. Formulation, development and evaluation of effervescent tablet of green tea (*Camellia sinensis*). Central Nervous System Agents in Medicinal Chemistry, 2025, Accepted for Publication. (Bentham Science; ISSN: 1871-5249)
2. Shubham Sharma, Anjali Sharma, Parul Gupta, Deepshi Arora, Geeta Deswal, Ajmer Singh Grewal, Devkant Sharma. The green path to liver health: herbal solutions for non-alcoholic steatohepatitis. Cardiovascular & Hematological Disorders-Drug Targets, 2025, Accepted for Publication. (Bentham Science; ISSN: 1871-529X)
3. Vishakha Devi, Geeta Deswal, Ajmer Singh Grewal, Anjali Sharma, and Kumar Guarve. Phytoextracts as natural anti-aging agents: mechanisms and strategies for skin rejuvenation. Current Aging Science, 2025, Accepted for Publication. (Bentham Science; ISSN: 1874-6098, 1874-6128)
4. Anmol Saini, Vishakha Saini, Geeta Deswal, Bhawna Chopra, Ajmer Singh Grewal, and Ashwani K. Dhingra. Harnessing therapeutic potential of allicin against cancer: an exploratory review. Anti-Cancer Agents in Medicinal Chemistry, 2025, 25(9), 589-602. (Bentham Science, ISSN: 1871-5206; Impact factor: 2.6)
5. Muskan, Lakshay Panwar, Bhawna Chopra, Geeta Deswal, Ajmer Singh Grewal, Ashwani K. Dhingra, Kumar Guarve. Salacia reticulata: an integrative review of its antioxidant, lipid-lowering, and glucose-regulating properties in diabetes and obesity. Natural Products Journal, 2025, 15(2), e240424229250. (Bentham Science, ISSN: 2210-3155; Impact factor: 0.7)

6. Vani, Priyanka Kriplani, Ashwani K. Dhingra, Bhawna Chopra, Ajmer Singh Grewal, Geeta Deswal, Rameshwar Dass, Kumar Guarve. Liposomes: an emerging strategy for the effective treatment of rheumatoid arthritis. *Current Rheumatology Reviews*, 2025, 21(2), 123-143. (Bentham Science, ISSN: 1573-3971; Impact factor: 1.2)
7. Madhukar Garg, Lavish Vaid, Parth Sharma, Nidhi Rani, Geeta Deswal, Sonam Grewal, Ashwani K. Dhingra, Navin Kumar Tailor, Ajmer Singh Grewal. Explicating the phyto-pharmacological virtues of *Solanum torvum* Swartz: a contemporary update. *Natural Products Journal*, 2025, 15(6), e130624231024. (Bentham Science, ISSN: 2210-3155; Impact factor: 0.7)
8. Vishakha Saini, Geeta Deswal, Ajmer Singh Grewal, Anjali Sharma, Kumar Guarve. Natural anti-aging strategies: mechanisms and role of phytoextracts in combating skin aging. *Archives of Dermatological Research*, 2025, 317, 312. (Springer Nature; ISSN: 1432-069X; Impact factor: 1.8)
9. Navin Kumar Tailor, **Geeta Deswal**, Kumar Guarve, Ajmer Singh Grewal. Development of Mycobacterium tuberculosis Enoyl Acyl Reductase (InhA) Inhibitors: A Mini Review. *Mini-Reviews in Medicinal Chemistry*, 2024, 25(3), 219-233. (Bentham Science; ISSN: 1389-5575; Impact factor: 3.3)
10. Navin Kumar Tailor, Ajmer Singh Grewal, **Geeta Deswal**, Ashwani K. Dhingra. Germacrone: A Multi-Targeting Sesquiterpene with Promising Anti-Cancer and Chronic Disease Applications. *Anti-Cancer Agents in Medicinal Chemistry*, 2024, In-Press. (Bentham Science, ISSN: 1871-5206; Impact factor: 2.6)
11. Sonam Grewal, **Geeta Deswal**, Bhawna Chopra, Ashwani Kumar Dhingra, Priyanka Kriplani, Kumar Guarve, Ajmer Singh Grewal. Advancements in cancer therapeutics: current paradigms in applying biodegradable polymer nanoparticles for enhanced management. *Current Cancer Therapy Reviews*, 2024, In-Press. (Bentham Science, ISSN: 1573-3947, 1875-6301; Impact factor: 0.4)

12. Kajal Nagpal, Ashwani Dhingra, Udit Handa, **Geeta Deswal**, Priyanka Kriplani, Kumar Guarve, Anuj Malik, Fatimah Jan, Abhilasha Dubey. Analysis of OTC and Prescribed Drugs Working Against COVID-19 Symptoms in the Context of Humans and Surrounding: A Brief Report on Medications Taken by Patients, Coronaviruses, 2024, E-pub ahead of print, e010224226640.
13. Manisha Chopra, **Geeta Deswal**, Bhawna Chopra, Priyanka Kriplani, Rameshwar Dass, Ajmer Singh Grewal, Ashwani K. Dhingra, Vaibhav Rathi. Therapeutic and health promoting potential of Terminalia chebula: an exploratory literature review. Current Traditional Medicine, 2024, E-Pub Ahead of Print, e150823219722. (Bentham Science, Impact factor: 0.6) (Scopus)
14. Rashmi Arora, Ritchu Babbar, Abhishek Dabra, Bhawna Chopra, **Geeta Deswal**, Ajmer Singh Grewal. Marine-derived compounds: a powerful platform for the treatment of Alzheimer's disease. Central Nervous System Agents in Medicinal Chemistry, 2024, 24(2), 166-181. (Bentham Science) (Scopus)
15. Prabhjot Kaur, Simran Gandhi, Rubal Sharma, Lovepreet Kaur, Mahak Pal, **Geeta Deswal**, Bhawna Chopra, Ajmer Singh Grewal, Ashwani K. Dhingra. Extraction, phytochemistry & pharmacological potential of Camellia sinensis: a comprehensive review. The Natural Products Journal, 2024, 14(6), e160124225695. (Bentham Science, Impact factor: 0.8) (Scopus)
16. Sonam Grewal, Neha Tiwary, Gaurav Malik, Madhukar Garg, **Geeta Deswal**, Bhawna Chopra, Ajmer Singh Grewal, Ashwani K. Dhingra, Kumar Guarve. Decoding therapeutic applications of quercetin: recent advancements in nanotechnological strategies. Pharmaceutical Nanotechnology, 2024, E-Pub Ahead of Print. (Bentham Science) (Scopus and WoS)
17. Jyoti, Niladry Sekhar Ghosh, Isha Rani, Ranjit Singh, **Geeta Deswal**, Ashwani K. Dhingra, Ajmer Singh Grewal. Unlocking the pharmacological potential of benzimidazole

- derivatives: a pathway to drug development. *Current Topics in Medicinal Chemistry*, 2024, 24(5), 437-485. (Bentham Science; Impact factor: 3.4) (Scopus, SCIE)
18. Vishakha Devi, **Geeta Deswal**, Rameshwar Dass, Bhawna Chopra, Priyanka Kriplani, Ajmer Singh Grewal, Kumar Guarve, Ashwani K. Dhingra. Therapeutic potential and clinical effectiveness of quercetin: a dietary supplement. *Recent Advances in Food, Nutrition & Agriculture*, 2024, E-Pub Ahead of Print. (Bentham Science;) (Scopus)
19. Jyoti, Niladry Sekhar Ghosh, **Geeta Deswal**, Ashwani K. Dhingra, Ajmer Singh Grewal. Molecular docking, pharmacokinetic profiling and toxicity studies of 2-substituted benzimidazole derivatives against breast cancer. *Applied Chemical Engineering*, 2024, 7(1), 2297. (EnPress) (Scopus)
20. Simran Dhiman, Bhawna Chopra, Ashwani K. Dhingra, Ajmer Singh Grewal, Priyanka Kriplani, **Geeta Deswal**, Rameshwar Dass, Kumar Guarve. Cultivating Bone Health: Exploring Medicinal Plants and Bioactive Compounds for Osteoporosis Treatment. *The Natural Products Journal*. 2024, 14(6), e091023221916. (Impact factor 0.8).
21. Madhukar Garg, Abhinav Sharma, Shivam Bansal, Rupanshi Grover, Tanya Sharma, Sapna Kumari, Anju Goyal, Shiveena Bhatia, Lavish Vaid, **Geeta Deswal**, Ajmer Singh Grewal. Role of medicinal plants in the management of inflammatory disorders: an overview. *Recent Advances in Inflammation & Allergy Drug Discovery*, 2023, E-pub Ahead of Print. (Bentham Science)
22. Saurabh Gupta, Ajmer Singh Grewal, **Geeta Deswal**, Sachin Singh, Sukrati Vishwas, Vishnu Badavath, Kamal Dua, Priyanka Thakur, Thakur Gurjeet Singh. In silico docking studies of *Yucca gloriosa* L. phytoconstituents with TNF- α , IL-6 and IL-13 receptor against asthma. *Chemical Biology Letters*, 2023, 10(1), 509. (ScienceIn)
23. Jugnu Rani, Nidhi Jagta, **Geeta Deswal**, Bhawna Chopra, Ashwani Kumar Dhingra, Kumar Guarve, Ajmer Singh Grewal. Molecular docking-guided screening of phytoconstituents from *Artemisia princeps* as Allosteric Glucokinase Activators. *Chemical Biology Letters*. 2023, 10(3), 547.

24. Anmol Kaur, Shivani Thakur, **Geeta Deswal**, Bhawna Chopra, Ashwani Kumar Dhingra, Kumar Guarve, Ajmer Singh Grewal. In silico docking-based screening of constituents from Persian shallot as modulators of human glucokinase. *Journal of Diabetes & Metabolic Disorders*. 2023, 22(1), 547-570.
25. Himanshu Arya, Rameshwar Dass, Bhawna Chopra, Priyanka Kriplani, **Geeta Deswal**, Ajmer Singh Grewal, Ashwani K. Dhingra, Suresh Kumar. An update on Herbal Products for the Management of Inflammatory Bowel Disease. *Anti-Inflammatory & Anti-Allergy Agents in Medicinal Chemistry*. (BMS-AIAAMC-2023-12).
26. Vishakha Devi, **Geeta Deswal**, Rameshwar Dass, Bhawna Chopra, Priyanka Kriplani, Ajmer Singh Grewal, Ashwani Kumar Dhingra. Hemorrhoid disease: A review on treatment, clinical research and patent data. *Infectious Disorders - Drug Targets*. (Accepted; BMS-IDDT-2022-100).
27. **Geeta Deswal**, Ashwani K. Dhingra, Vipin Saini, Ajmer Singh Grewal. Quality Audit and anti-inflammatory activity of marketed formulations of ashokarishta syrup and chandraprabha vati. *International Journal of Pharmaceutical Sciences and Drug Research*, 2022, 14(5), 595-601.
28. **Geeta Deswal**, Kumar Guarve, Priyanka Kriplani, Ashwani Dhingra, Bhawna Chopra, Jaspreet Sidana. Hepatoprotective activity of *Tectona grandis* against CCl₄-induced hepatic damage in rats. *Open Pharmacology Journal*. 2019, 9, 5-11.
29. **Geeta Deswal**, Kumar Guarve, Ashwani Dhingra, Bhawna Chopra, Rohit Kamboj, Priyanka Kriplani. Course Outcomes and Programme Outcome: Backbone of Outcome Based Education. *Biomedical Journal of Scientific & Technical Research*. 2018, 7(5), 1-7.
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31. Sweta Kamboj, Rohit Kamboj, **Geeta Deswal**, Ashwani Dhingra, Kumar Guarve. Superdisintegrants: A Pioneer Tool in Melt in Mouth Tablets. Pharmacy: Advance Drug Delivery Technology. 2017, 3(2), 72-84.
32. Bhawna Chopra, Ashwani Dhingra, Sagar Khanna, Priyanka Kriplani, **Geeta Deswal**, Rameshwar Dass. Synthesis and characterization of novel Heterocyclic molecules. Innovational Journal of Chemistry. 2016, 1(2), 72-75.
33. Priyanka Kriplani, Pulkit Bansal, Rameshwar Dass, Bhawna Chopra, Ashwani Dhingra, **Geeta Deswal**. Formulation and evaluation of Transdermal Patch of Mefenamic Acid. Advance Pharmaceutical Journal. 2016, 1(2), 46-49.
34. **Geeta Deswal**, Kumar Guarve, Ashwani Dhingra, Priyanka Kriplani, Bhawna Chopra, Rameshwar Dass. (2016). Assessment method for course outcomes and Program Outcomes. Acta Valit. 2(3), 58-68.
35. Priyanka Kriplani, Uttam Singh, Kumar Guarve, Gaganpreet Kaur, **Geeta Deswal**, Ashwani Kumar. Chronotherapeutics- a new medication system. Innovational Journal of Quality Assurance and Pharma Analysis. 2016, 2(1): 100-114.
36. Gaganpreet Kaur, Priyanka Kriplani, Ashwani Dhingra, Bhawna Chopra, **Geeta Deswal**. Innovational Journal of Quality Assurance and Pharma Analysis. 2(1), 115-121.
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38. Kanika Arora, **Geeta Deswal**, Ashwani Dhingra, Priyanka Kriplani, Gaganpreet Kaur. Anxiolytic activity of leaves extracts of *Cordia myxa* L. in mice as experimental models of anxiety. World Journal of Pharmaceutical Research. 2015, 4(10), 1377-1383.

39. **Geeta Deswal**, Vipin Saini. Quality Audit of Herbal Drugs: a Review, World Journal of Pharmaceutical Research. 2015, 4(11), 400-417.
40. Ashwani Dhingra, Bhawna Chopra, **Geeta Deswal**, Priyanka Kriplani, Rameshwar Dass, Kumar Guarve. Feedback System: A Tool to improve overall performance of the Institute. Asian Journal of Biochemical and Pharmaceutical Research. 2014, 4(4), 257-271.
41. Jaspreet Sidana, **Geeta Deswal**, Parminder Nain, Kanika Arora. Liver toxicity and hepatoprotective herbs. International Journal of Pharmaceutical Sciences Review and Research. 2011, 9(1), 116-121.
42. Jaspreet Sidana, Kanika Arora, Parminder Nain, **Geeta Deswal**. Herbal indicators as an upcoming trend in titrimetric analysis. International Research Journal of Pharmacy. 2011, 2(4), 177-179.

Books Published

1. Ajmer Singh Grewal, Ashwani K. Dhingra, **Geeta Deswal**, Bhawna Chopra, Priyanka Kriplani, and Kumar Guarve (eds.). Harmony and Healing: Green Chemistry for a Sustainable Future. Guru Gobind Singh College of Pharmacy: Yamunanagar, 2023 (ISBN: 978-93-340-0106-8).
2. Ashwani K. Dhingra, Priyanka Kriplani, Bhawna Chopra, Ajmer Singh Grewal, **Geeta Deswal**, and Peeyush Kaushik (eds.). Inflammation and Chronic Disorders: The Secret Connection. NOVA Science Publishers, Inc.: New York, 2023 (ISBN: 979-88-869-7980-0).
3. Priyanka Kriplani, Ashwani Kumar Dhingra, Ajmer Singh Grewal, **Geeta Deswal**, Bhawna Chopra, and Peeyush Kaushik (eds.). Current Therapeutic Strategies for the Management of Cancer. NOVA Science Publishers, Inc.: New York, 2023 (ISBN: 979-8-89113-133-0).

4. Ajmer Singh Grewal, Ashwani K. Dhingra, **Geeta Deswal**, Bhawna Chopra, Priyanka Kriplani, and Kumar Guarve. From Ideas to Assets: A Guide to Intellectual Property Rights. Guru Gobind Singh College of Pharmacy: Yamunanagar, 2023 (ISBN: 978-93-5967-414-8).
5. Ajmer Singh Grewal, **Geeta Deswal**, Ashwani Kumar Dhingra, Priyanka Kriplani, Bhawna Chopra, and Shikha Baghel Chauhan (eds.). Naturally Occurring Chemicals for the Treatment and Management of Diabetes Mellitus and Related Disorders. NOVA Science Publishers, Inc.: New York, 2024 (ISBN: 979-8-89113-491-1).
6. Ajmer Singh Grewal, Ashwani K. Dhingra, Kunal Nepali, **Geeta Deswal**, and Arun Lal Srivastav (eds.). Contemporary Approaches to Mitigating Antibacterial Drug Resistance. IGI Global: Hershey, 2024 (ISBN: 979-83-6931-540-8).
7. Ajmer Singh Grewal, Ashwani K. Dhingra, Kunal Nepali, **Geeta Deswal**, and Arun Lal Srivastav (eds.). Frontiers in Combating Antibacterial Resistance: Current Perspectives and Future Horizons. IGI Global: Hershey, 2024 (ISBN: 979-83-6934-139-1).
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9. Kumar Guarve, Ajmer Singh Grewal, **Geeta Deswal**, and Ashwani K. Dhingra (eds.). Nature's Arsenal Against Cancer: Harnessing the Power of Natural Compounds for Treatment and Prevention. Nova Science Publishers, Inc., New York, 2024 (ISBN: 979-8-89530-202-6).
10. Shikha Kamboj, Kumar Guarve, Sweta Kamboj, Rohit Kamboj, **Geeta Deswal**. A Practical Book of Pharmaceutical Organic Chemistry. Nirali Prakashan, Pune, 2024, (ISBN: 978-93-6109-206-0).
11. Rahul Kumar Sharma, Shailesh Sharma, Ajmer Singh Grewal, **Geeta Deswal**, Ashwani K. Dhingra, and Kumar Guarve (eds.). Natural Solutions for Neurodegenerative Disorders:

Exploring Botanical Remedies. Nova Science Publishers, Inc., New York, 2025 (ISBN: 979-8-89530-231-6)

12. Ajmer Singh Grewal, **Geeta Deswal**, and Arun Lal Srivastav (eds.). Biotechnology Approaches to Industrial and Pharmaceutical Wastewater Treatment. IGI Global: Hershey, 2025 (ISBN: 979-83-6938-487-9).
13. Ajmer Singh Grewal, **Geeta Deswal**, Ashwani Kumar Dhingra, Priyanka Kriplani, Bhawna Chopra, and Shikha Baghel Chauhan (eds.). Natural Therapeutics for Diabetes Mellitus: Medicinal Plants, Phytochemicals, and Bioactive Compounds. Nova Science Publishers, Inc., New York, 2025 (ISBN: 979-8-89530-479-2).

Book Chapter

1. Sonam Grewal, **Geeta Deswal**, Ajmer Singh Grewal, and Kumar Guarve. Molecular Dynamics Simulations: Insights into Protein and Protein Ligand Interactions. In: Revolutionizing Drug Discovery: Cutting-Edge Computational Techniques; Swati Verma, Ajmer Singh Grewal, Chaitanay Vinayak Narayan, Neelam Singh, Hemlata Nimesh (eds.), Elsevier, 2025, pp. 139-162. (ISBN: 978-04-4334-649-1)
2. Prateek Sharma, Bhawna Chopra, Anjali Sharma, **Geeta Deswal**, Priyanka Kriplani, Peeyush Kaushik, Ajmer Singh Grewal, Ashwani K. Dhingra. Antibiotic waste in water: impact and remediation strategies. In: Role of Green Chemistry in Ecosystem Restoration to Achieve Environmental Sustainability; Arun Lal Srivastav, Ajmer Singh Grewal, Markandeya Tiwari, Tien Duc Pham, (eds.), Elsevier, 2024, pp. 209-218. (ISBN: 978-0-443-15291-7)
3. **Geeta Deswal**, Bhawna Chopra, Madhukar Garg, Lavish Vaid, Arhat Jain, Ashwani K. Dhingra, Ajmer Singh Grewal, Priyanka Kriplani. Phytoconstituents as nutraceuticals. In: Anthocyanins: Pharmacology and Nutraceutical Importance; Perna Sharma, Peeyush Kaushik, Sumeet Gupta, Hitesh Malhotra, Pharkphoom Panichayupakaranant (eds.), Bentham Science, 2024, pp. 33-46. (ISBN: 978-981-5223-88-0)

4. **Geeta Deswal**, Benu Chaudhary, Preeti Arya, Deepak Singla, Ajmer Singh Grewal. Involvement of platelets in myocardial ischemia and reperfusion injury. In: Ischemic Injury: A Molecular Insight; Thakur Gurjeet Singh, Heena Khan (eds.), Apple Academic Press, 2024, pp. 1-9. (ISBN: 978-1-03268-002-6)
5. Sanchit Dhankhar, Samrat Chauhan, Monika Saini, **Geeta Deswal**, Nitika, Sumit Sharma, Manni Rohilla, Sonam Grewal, Perna Sarup. Inflammation & Metabolic Syndrome. In: Inflammation and Chronic Disorders: The Secret Connection, Ashwani K. Dhingra, Priyanka Kriplani, Bhawna Chopra, Ajmer Singh Grewal, Geeta Deswal, Peeyush Kaushik, (eds.). Nova Science Publishers Inc., 2023. ((ISBN: 979-8-88697-980-0))
6. Sonam Grewal, Sanchit Dhankar, Madhukar Garg, Prateek Sharma, Ajmer Singh Grewal, **Geeta Deswal**. The current therapeutic management of cancer. In: Current Therapeutic Strategies for the Management of Cancer; Priyanka Kriplani, Ashwani K. Dhingra, Ajmer Singh Grewal, Geeta Deswal, Bhawna Chopra, Peeyush Kaushik, (eds.), NOVA Science Publishers, Inc., 2023, pp. 07-21. (ISBN: 979-8-89113-133-0)
7. Sanchit Dhankhar, Samrat Chauhan, Monika Saini, Nitika, Sonam Grewal, **Geeta Deswal**, Thakur Gurjeet Singh, Sumit Sharma. Nanoparticles for the Treatment of Cancer. In: Current Therapeutic Strategies for the Management of Cancer, Priyanka Kriplani, Ashwani Kumar Dhingra, Ajmer Singh Grewal, **Geeta Deswal**, Bhawna Chopra, Peeyush Kaushik, (eds.). Nova Science Publishers Inc., 2023. (ISBN: 979-8-89113-133-0).
8. Priyanka Kriplani, Bhawna Chopra, Peeyush Kaushik, **Geeta Deswal**, Ajmer Singh Grewal and Ashwani K. Dhingra. An Introduction to Novel Drug Delivery Systems for Cancer Therapy, In: Current Therapeutic Strategies for the Management of Cancer. Nova Science, 2023, pp. 1-6. (ISBN: 979-8-89113-133-0).
9. Ashwani K. Dhingra, Bhawna Chopra, **Geeta Deswal**, Priyanka Kriplani, Peeyush Kaushik, Ajmer Singh Grewal and Kumar Guarve. Inflammation: The Secret Killer Behind Various Life-Threatening Diseases, In: Inflammation and Chronic Disorders: The Secret Connection. Nova Science, 2023, pp. 1–8. (ISBN: 979-88-869-7980-0).

10. Prateek Sharma, Bhawna Chopra, Anjali Sharma, **Geeta Deswal**, Priyanka Kriplani, Peeyush Kaushik, Ajmer Singh Grewal, Ashwani K. Dhingra. Antibiotic waste in water: impact and remediation strategies, In: Role of Green Chemistry in Ecosystem Restoration to Achieve Environmental Sustainability. Elsevier, 2023. pp. 209-218. (ISBN: 978-0-443-15291-7).
11. **Geeta Deswal**, Benu Chaudhary, Preeti Arya, Deepak Singla and Sonam Grewal. Resveratrol: A Phytocentric Overview of Potential in Metabolic Syndrome. Natural Products for Treatment of Metabolic Syndrome. Nova Science, 2022 (ISBN: 979-8-88697-152-1).

Annexure-II

FDP Attended

- AICTE recognized Short Term Course on “**Latest Practices in Pharmacy Education**” conducted by Education and Educational Management Department at NITTTR Chandigarh from 02nd-06th June 2022.
- AICTE recognized Short Term Course on “**Effective Teaching Learning using Social Media**” conducted by Education and Educational Management Department at NITTTR Chandigarh from 29 August to 02 September 2022.
- Makhanlal Chaturvedi Rashtriya Patrakarita Vishwavidyalaya Supported One Week FDP on “**Implementation of NEP-2020 in Higher Education**” conducted by Bhabha College of Engineering, RKDF University, Bhopal(MP) from 17-22 February 2022.
- AICTE sponsored IIC Innovation Ambassador Training (Advance Level) “**Pre-Incubations & Incubation Management**” Conducted by MoE’s Innovation Cell, New Delhi from 30.06.2021- 30.07.2021.
- AICTE sponsored SWAYAM ARPIT **Online Refresher Course in Pharmacy for Higher Education under Career Advancement Scheme (CAS)** Promotion organized by Indian Institute of Technology (BHU), Varanasi from 01.12.2020- 31.03.2021.
- **Roadmap for Patent Creation** from NPTEL and Indian Institute of Technology, Kharagpur in 2021.
- AICTE sponsored 6 days online STTP on “**Importance of Research Methodology in Clinical Research and Pharmacovigilance**” organized by Pranveer institute of technology (Pharmacy) Kanpur on 14-19th December 2020.

- AICTE sponsored 6 days STTP on “**Training in excellence with ethics and Behavioural Sciences**” organized by ISF College of Pharmacy, Moga, Punjab on 17th – 22nd August 2020.
- AICTE sponsored short term training program on “**Human Values, Ethics, Moral, Behavioural Sciences and Attitude**” organized by Sagar Institute of research and technology Pharmacy Bhopal on 20-25th July 2020.
- AICTE Sponsored IIC Innovation Ambassador Training in “**Pre- Incubations & Incubation Management**” held at Lovely Professional University, Punjab from 16-17 January 2020.
- AICTE recognized Short Term Course on “**Pharmacy Education**” conducted by Education and Educational Management Department at NITTTR Chandigarh from 02nd-06th December 2019.
- AICTE Sponsored XXX-QIP in “**Updates in field of Pharmacy**” held at Delhi Institute of Pharmaceutical Sciences and Research (DIPSAR), New Delhi on 25th-29th March 2019.
- AICTE Sponsored XXVI-QIP in “**Current Trends in Pharmaceutical Sciences**” held at Delhi Institute of Pharmaceutical Sciences and Research (DIPSAR), New Delhi on 12th-16th March 2018.
- Attended 5 days FDP on “**Instructional Planning & Delivery (Module IV: Communications Skills) through ICT**” held at M.M.UNIVERSITY, MULLANA (AMBALA), during the period June 23rd-27th, 2014.
- Attended 15 days FDP on “**Recent Advances in Novel Drug Delivery Systems**” held at Jan Nayak Ch. Devi Lal Memorial College of Pharmacy, during the period May 28th-June 10th, 2013.

- Attended 7 days FDP on **“Training Teachers for Tomorrows Need”** held at Kurukshetra University Kurukshetra, during the period March 20th-26th, 2013.
- Attended **“Two Days Short Term Course”** for the teachers working on contract basis organized by UGC-Academic Staff College, Kurukshetra University, Kurukshetra held on 25-26 Oct, 2012.

List of Trainings

1. Training on Entrepreneurship development Program conducted by MSME-Development Institute, Karnal on 15th -29th January 2018.
2. Training on Plant Tissue Culture Techniques at Potato Technology Center Shamgarh, Karnal on 14th January 2016
3. Training on Plant Tissue Culture Techniques at Potato Technology Center Shamgarh, Karnal on 22nd -23rd January 2015.
4. Training on Quality Audit of Marketed Herbal Formulations at Herbal Health Research Consortium Pvt. Ltd. Amritsar from 20th May-30th July 2013

Seminars Attended

1. International conference on **“Fostering Interdisciplinary Research in Medicines”** held at University institute of Pharmacy, Pt. Ravishankar Shukla University Raipur, Chhattisgarh on 19th-20th January 2019.
2. National conference on **“Role of pharmacist in Academia and Research”** at Chandigarh College of Pharmacy, Landran, Mohali on 24th- 25th October 2018.
3. International seminar on **“Strategies for inculcation of Moral Values in Educands”** at Vishva Bharti College of Education, Yamunanagar on 7th April 2018.
4. National conference on **“Clinical research: Drug Discovery and Development”** at Guru Gobind Singh College of pharmacy, Yamunanagar on 24th February 2018.

5. One day workshop on **“Innovation in Medical Sciences”** at Guru Gobind Singh College of Pharmacy, Yamunanagar on 23rd February 2018.
6. **69th Indian Pharmaceutical Congress-2017** held at Chitkara University, Banur on 22-24 December 2017.
7. IPGA sponsored National Seminar on **“Fundamentals & Prospectives of Pharmaceutical Education and Research”** at ASBASJSM College of Pharmacy, Bela (Ropar) on 18th November 2017.
8. Three days Pharmacy Practice Module-V Advanced Learning series on **“Medication Therapy Management”** organized by MM College of Pharmacy in association with MM Institute of Medical Sciences and Research on 16-18 October, 2017.
9. APTI Sponsored National Conference on **“Emerging Trends in Computer Aided Drug Design & Drug Discovery”** Organized by School of Pharmacy and Emerging Sciences, Baddi University of Emerging Sciences and Technology, Baddi on 11th May 2017.
10. ICMR sponsored International Conference on **“BPDBD-2017”** at Chitkara College of Pharmacy, Chitkara University, Punjab on th -8th April 2017.
11. Three day Workshop on **“Recent Advances in Pharmaceutical Quality Management System”** held at Guru Gobind Singh College of Pharmacy, Yamuna Nagar on 26-28th November 2016.
12. 3rd Annual Conference of APTI-Haryana State Branch on **“Current Scenario and Challenges in Industrial-Academia Interaction in Pharmaceutical Sector”** Held at Jan Nayak Choudhary Devi Lal Vidyapeeth, Sirsa on 11-12th November 2016.

13. One day Workshop on **“Awareness of Indian Pharmacopoeia (IP) and Indian Pharmacopoeia Reference Standards (IPRS)”** held at PGIMER, Chandigarh on 20th Oct. 2016.
14. One day national Seminar on **“Recent Trends in Drug Product Development and Regulatory Affairs”** held at sachdeva College of Pharmacy, Gharuan, Mohali on 17th October 2016
15. National conference on **“Challenges and Opportunities in Drug Design and Development”** held at Jan Nayak Choudhary Devi Lal Vidyapeeth, Sirsa on 23rd April 2016.
16. National Seminar-cum-Continuing Pharmacy Education (CPE) on **“Role of Pharmacist in Safe Use of Antibiotics”** organized by Haryana State Pharmacy Council (HSPC) held at Inderdhanush Auditorium, Panchkula on 22nd November 2015.
17. 2nd Annual National Conference of **“APTI”** held at department of Pharmaceutical Sciences, MDU, Rohtak on 25th October 2015.
18. National Seminar on **“Intellectual Property Right (IPR)”** organized by Himachal Institute of Pharmacy, Poanta Sahib (H.P.) on 19th October 2015.
19. **Continuing Pharmacy Education (CPE)** organized by Haryana State Pharmacy Council (HSPC) held at Guru Gobind Singh College of Pharmacy, Yamuna Nagar on 14th June 2015.
20. Attended **“Changing Paradigm of Copyright, Patent and other IPR Issues in India”** held at M.M. Institute Of M.M.UNIVERSITY, MULLANA, AMBALA, HARYANA. (25th to 26th April, 2015)

21. Presented poster in National Conference of “Drug Safety & Pharmacovigilance” held at Guru Gobind Singh College of Pharmacy. 6th December, 2015.
22. Presented poster in Annual National Conference of “**Association of Pharmaceutical Teachers of India**” held at M.D.U Rohtak on 24th -25th Oct, 2015.
23. Attended “**Changing Paradigm of Copyright, Patent and other IPR Issues in India**” held at M.M. Institute Of M.M.UNIVERSITY, MULLANA, AMBALA, HARYANA. (25th to 26th April, 2015)
24. Attended the APTI conference on “**Indian Scenario of Pharmaceutical Education: Challenges and Future Perspectives**” held at Kurukshetra University Kurukshetra on 22nd- 23rd Aug, 2014.
25. Attended a national conference on “**Current Perspectives in Pharmacovigilance and Drug Risk Management**” held At M.M. UNIVERSITY, MULLANA, AMBALA, HARYANA on 21st – 23rd Nov 2013.
26. Attended one day workshop based on “**Analytical Techniques for Research in Pharmacy**” held at M.M.UNIVERSITY, MULLANA (AMBALA) on 7th Dec, 2012.
27. Attended the IPGA National Convention-2012 on “**The Future of Pharmacist: A Health Care Professional**” held at Kurukshetra University Kurukshetra on 17th -18th Nov, 2012.
28. Attended one day seminar on “**Future Trends in Upcoming Pharma Sector**” held At HIMALAYAN Institute Of Pharmacy, KALA AMB (H.P.) on 17th March 2012.
29. Attended “**India Pharma Convention**” organized by Udyog Development Foundation in collaboration Indian Hospital Pharmacists Association at DELHI INSTITUTE OF PHARMACEUTICAL SCIENCES AND RESEARCH, New Delhi on 12th Feb 2012.
30. Attended “**International CME Cum Conference**” held at M.M. Institute Of Medical Sciences And Research, M.M.UNIVERSITY, MULLANA, AMBALA, HARYANA.(4th to 5th Feb, 2012).

31. Presented poster in **National Seminar on “RECENT TRENDS IN HERBAL DRUG RESEARCH”** in collaboration with **Society of Pharmacognosy** held at M.M. College Of Pharmacy, M.M. UNIVERSITY, MULLANA, AMBALA, HARYANA. (20th to 21st October, 2011).
32. Presented poster in **AICTE Sponsored National Seminar on “RECENT TRENDS IN PHARMACEUTICAL RESEARCH”** held at M.M College Of Pharmacy, M.M. UNIVERSITY MULLANA (AMBALA). (7th to 8th August, 2010).