

FACULTY PROFILE



Name: Dr. Abhishek Gupta

Designation: Professor

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Professional Qualification:

Ph.D. (Pharmaceutical Science) CSIR-NBRI, Lucknow, Uttar Pradesh

M. Pharmacy (Pharmacognosy) JSS College of Pharmacy, Ooty, Tamilnadu

B. Pharmacy- RGUHS, Bengaluru, Karnataka

FUNDED PROJECTS AS PRINCIPAL INVESTIGATOR

- Industry funded project from Gramen Botanicals, Sitarganj, Uttarakhand (2025).
- Industry funded project from HPIC Pvt. Ltd., Kathgodam, Nainital, Uttarakhand (2019).
- Government funded Project under *Young Scientist Fellowship*, from Council of Science & Technology, U.P (2013-2016).

International Patent

- Australian Innovation Patent (2021105089) entitled “A Process for Preparation of an Antioxidant & Anticancer Herbal Formulation” granted on 07 August 2021.

Publications (Journals & Conferences): Total: 25

1. Unlocking the role of herbal cosmeceutical in anti- ageing and skin ageing associated diseases. *Cutaneous and Ocular Toxicology*. 2024; 1–16. [IF# 1.6] [Q3]. **SCOPUS**
2. Involvement of Estrogen Receptor and Mitochondrial K_{ATP} Channels in Cardioprotective Effect of Remote Aortic Preconditioning in Isolated Rat Heart. *Indian J Pharm Sci* 2022;84(4):1-10. [IF#0.97]. **Web of Science**.
3. Pharmacophore Based Design, Synthesis and Theoretical Conformational Analysis of Some Extended Aryl Hydrazones as Potential Anticonvulsant. *Indian J Pharm Sci* 2022;84(3):703- 711. [IF#0.97]. **Web of Science**.

4. Simultaneous estimation of four different biomarkers in *Cinnamomum verum* J. Presl bark using validated HPTLC Method. Journal of Planar Chromatography, 34 (6) Jan. 2021. [IF#1.1] [Q3]. **Web of Science.**
5. Validated simultaneous HPTLC analysis of scopoletin and gallic acid in the methanolic fraction of *Jatropha glandulifera*. Journal of Planar Chromatography 33 (5) (2020) 457– 462. [IF#1.1] [Q3]. **Web of Science.**
6. Validated Simultaneous High-Performance Thin-Layer Chromatographic Analysis of Ursolic Acid, β -Sitosterol, Lupeol, and Quercetin in the Methanolic Fraction of *Ichnocarpus frutescens*. Journal of Planar Chromatography 32 (2019) 2, 103–108. [IF#1.1] [Q3]. **Web of Science.**
7. Validated HPTLC Analysis of Ursolic acid and β -Sitosterol in Methanolic fraction of *Paederia foetida* L. Leaves in Journal of Planar Chromatography, 2018, 31, 377-381 [IF#1.1] [Q3]. **Web of Science.**
8. HPTLC Analysis for Simultaneous Quantifications of Phenolic Biomarkers in *Oxalis corniculata* L. Methanolic Fraction. Journal of Planar Chromatography, 31 (2018) 4, 327–331. [IF#1.1] [Q3]. **Web of Science.**
9. High performance thin layer chromatographic analysis for the simultaneous quantification of two poly phenolic biomarkers in methanolic fraction of *Bauhinia tomentosa* L. floral buds. Pharmacognosy J. 2018; 10(1): 773-777. [IF#1.074] [Q3]. **SCOPUS**
10. Pharmacognostic Evaluation and Determination of Secondary Plant Metabolites by HPTLC and its Antioxidant Activity in *Myrica esculenta*. Pharmacognosy Journal, 2017, 9(6), 103- 106 [IF#1.51] [Q3]. **SCOPUS**
11. Pharmacognostic Standardization and Chromatographic Fingerprint Analysis on Triterpenoids Constituents of the Medicinally Important Plant *Plumeria rubra* f. by HPTLC technique. Pharmacognosy Journal, 2017, 9(2), 135-141. [IF#1.51] [Q3]. **SCOPUS**
12. HPTLC analysis for the simultaneous quantifications of gallic acid, vanillic acid, protocatechuic acid and quercetin in methanolic fraction of *Limonia acidissima* L. fruits. Journal of Planar Chromatography, 2016, 29, 356-360 [IF#1.1] [Q3]. **Web of Science.**
13. HPTLC analysis for the simultaneous quantification of lupeol and ursolic acid in methanolic fraction of four different species of Bauhinia. Journal of Planar Chromatography, 2016, 29, 423-428. [IF#1.1] [Q3]. **Web of Science.**
14. High performance thin layer chromatographic analysis for the simultaneous quantification of four phenolics in flowers and flower-buds of *Bauhinia purpurea* L., *Bauhinia variegata* L. & *Bauhinia acuminata* L. Journal of Planar Chromatography, 2015, 28, 452-457 [IF#1.1] [Q3]. **Web of Science.**
15. Evaluation of *Prosopis cineraria* (L) Druce Leaves for Wound Healing Activity in Rats. Annals of pharma research, 2015.
16. Phytochemical and antioxidant studies of *Salvadora persica* L. stem and twig, Indian Journal of Pharmaceutical Education and Research, 2015, 49, 71-75 [IF#0.843]. **Web of Science.**
17. Studies on Chemotypic Variation in *Centella asiatica* (L.) Urban from Nilgiri Range of India, Journal of Planar Chromatography, 2014, 27, 454-459 [IF#1.1] [Q3]. **Web of Science.**
18. Quantitative Estimation of Asiatic acid, Asiaticoside & Madecassoside in two accessions of *Centella asiatica* (L) Urban for Morpho-chemotypic variation, Indian Journal of Pharmaceutical Education and Research, 2014, 48, 65-69 [IF#0.843]. **Web of Science.**

19. Pharmacognostic Evaluation and Antioxidant Activity of *Urtica dioica* L., Chinese medicine, 2012, 3, 128-135.
20. Pharmacognostic evaluation and antioxidant studies of *Jatropha curcas* seeds, Pharmacognosy Journal, 2012, 4, 50-54. [IF#1.51]. [Q3]. **SCOPUS**

Chapter in Book

1. Brahmi (*Bacopa monnieri*). In: Naturally Occurring Chemicals against Alzheimer's Disease. Ed. Nabavi. Elsevier. 2020. pg. 243-253.
2. Chemotypic Variation among Different Accessions of *Centella asiatica* (L.) Urban from Central Zone of India and Strategies for their Conservation. Ed. Palpu Pushpangadan, Write & Print Publications, 2015.
3. Chemotaxonomic studies of forskolin in *Coleus forskolii* briq from different phyto- geographical zones of India. In: Traditional Medicine and Globalization: Ed. Pulok K. Mukherjee, Maven Publishers, 2014.

Awards and Achievements

- **Dr. P.D. Sethi Memorial National Awards** for Best Research Paper in 2017
- Personal interview published in *Hindustan Times* Newspaper, Lucknow Edition in 2015
- Young Scientist Fellowship from Council of Science & Technology, U.P in 2013 (3 Years).
- Distinction in B. Pharm & Award of "Best Student of the Year"

FDP/WORKSHOPS/SEMINARS/Conferences

Conducted as Resource person

International

- Current Drug Research Topics in Pharmacy: Traditional Medicine Talks, organized by **Marmara University, Istanbul, Turkey** between 25.05.2023 to 27.05.2023.

National

- **Outcome-Based Education: "Learning Outcomes & Bloom's Taxonomy"** organized by **Hygia Institute of Pharmaceutical Education & Research, Lucknow** between 1.09.2024 to 4.09.2024
- **Rational Utilization of AYUSH Drugs During COVID-19** organized by **Teerthanker Mahavir University (TMU), Moradabad** between 21.07.2021 to 26.07.2021.
- Emerging Trends in Herbal Drug Research organized by Glocal University, Saharanpur between 06.11.2020 to 11.11.2020

Workshops Conducted (In-house)

- **Pedagogy: "Case Studies in Pharmacy"**
- **Learning Management System: Moodle**
- **Gamification in classroom**
- **Academic Writing: A guide to writing Review & Research Articles**
- **Scientific Methodology: Systematic Literature Review**

Attended

- **Integrating AYUSH for Human Well Being**, organized by **Shri Ramswaroop Memorial University, Lucknow** between 18-07-2024 to 23-07-2024.
- **Pedagogical Challenges in Pharmaceutical Education & Research in Digital Age**, organized by **Chitkara University, Punjab** between 19-12-2022 to 22-12-2022.
- **How to Write a Research Paper for an International Journal-Tips, Traps & Tricks** organized by AKTU, Lucknow & Springer Nature on 08.10.2020.
- **Nanotechnology For Healthcare & Environment** organized by **Rameshwaram Institute of Technology & Management, Lucknow** between 24-09-2019 to 28-09-2019.
- **Application of Novel Drug Delivery System for Molecules of Herbal Origin**, organized by IPSR, Lucknow between 11.10.2019 to 15.10.2019.

Work Experience: 17.5 Years

Professional Memberships:

Member of SFI (Society for Ethnopharmacology).

Member of Uttar Pradesh State Pharmacy Council, Lucknow.