



Name: Ms. Shalini Sharma

Designation: Assistant Professor

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Professional qualification:

PhD (Pursuing)

M.Pharm (Pharmaceutics)

Publications:

1. **Sharma S.**, Mishra A., Debnath A. (2025). Exosomes Engineering for Targeted Therapy: Tools and Techniques. Current Drug Delivery (**SCI**). (Ready to Publish)
2. Rana N, Deval, Singh H, **Sharma S.** Current landscape and recent developments of PI3K/AKT/mTOR targeted inhibitors for breast carcinoma. Bioorganic Chemistry 2025 Dec 29. DOI: <https://doi.org/10.1016/j.bioorg.2025.109430> (**SCI**)
3. Rana N, **Sharma S**, Singh H, Rastogi S. COPD Treatment with Beta 2-Adrenoreceptor Agonists: Medicinal Perspectives and Recent Advances. Mini Rev Med Chem. 2025 Oct 21. DOI: [10.2174/0113895575398230251001073434](https://doi.org/10.2174/0113895575398230251001073434) (**SCI**)
4. Debnath A, Rani A, Mazumder R, Mazumder A, Singh RK, **Sharma S**, Srivastava S, Chaudhary H, Mishra R, Khurana N, Sanchitra J, Jan SA. Discovery of Novel PTP1B Inhibitors by High-throughput Virtual Screening. Curr Comput Aided Drug Des. 2024 Oct 14. DOI: [10.2174/0115734099278007241004105500](https://doi.org/10.2174/0115734099278007241004105500) (**SCI**)
5. Debnath A, **Sharma S**, Mazumder R, Mazumder A, Singh R, Kumar A, Dua A, Singhal P, Kumar A, Singh G. In Search of Novel SGLT2 Inhibitors by High-throughput Virtual Screening. Curr Drug Discov Technol. 2024;21(3):20-31. DOI: [10.2174/0115701638267615231123160650](https://doi.org/10.2174/0115701638267615231123160650) (**SCOPUS**)
6. **Sharma S**, Mazumder A, Shakya R, Sharma S. Advancement of Robotic in Surgery: Challenging Application in Healthcare Sector. Scopus Indexed. 2023 Sep. 15 [cited

2025 Oct. 24];15(7):6714-9. **DOI:** <https://doi.org/10.37285/ijpsn-aktu.2022-13>
(SCOPUS)

7. Bhardwaj, S., Kunj, P., & **Sharma, S.** (2023). Nutraceuticals: An inspiring therapy for lifestyle diseases. German Journal of Pharmaceuticals and Biomaterials, 1(4), 3–13. <https://doi.org/10.5530/gjpb.2022.4.15>
8. Prakhar K., Bhardwaj S., **Sharma S.**, (2022). Excipients and Binders: A Mini Review. IJARSM, 10(9), 1229–1231.

Book Chapters:

1. Debnath Abhijit, **Sharma Shalini.**, (2025) Predictive Analytics for Disease Prevention and Early Detection. CRC Press, T&F Group. (Accepted)
2. **Sharma S.**, Debnath A. (2022). Future of Work: Disruption and Innovation in Management. In The Future of Work: Disruption and Innovation, eds. R. Sapna, A.K. Rai, V.K. Sharma. Bloomsbury.
3. Debnath A., Srivastava S., **Sharma S.** (2023). Artificial Intelligence in Personalized Medicine. In Recent Advances in Biosciences and Biotechnology, eds. P. Gauba, V. Rani, C.K. Jain.

Conferences and Seminars

- Actively participated in the Training Programme on “**NEP 2020 Orientation & Sensitization Programme**” organized by Mahatma Hansraj Malaviya Mission Teacher Training Centre (MH-MMTTC), Hansraj College, University of Delhi on **20-29 November, 2025**.
- Actively participated in the **Faculty Development Program** on “Innovation & Intellectual Property Rights in Pharmaceutical Technology: Commercialization & Technology Transfer”, organized by Amity Institute of Pharmacy, Amity University, Greater Noida Campus, held from 26th May to 30th May, 2025.
- Actively organized, participated and presented a poster in the **international conference** on “The future of Pharmacy: AI-driven solution or challenges for Enhanced Healthcare organized by the School of Pharmacy in collaboration with Pharmalogy Healthcare Foundation held on 22/03/2025 in Noida International University and won III prize.
- Actively participated in **e-Faculty Development Program** on “Emerging Innovations and Advances in Pharmaceutical Research”, organized by Amity Institute of Pharmacy,

Amity University Greater Noida Campus held on 13-14th February, 2025.

- Actively participated **International Faculty Development Program** on “Artificial Intelligence Enabled Learning as a tool of cutting-edge technology in current pharma education” conducted by IIMT College of Pharmacy, Greater Noida in 2025.
- Actively participated and presented a poster in SERB sponsored **International Conference** on “Pharmaceutical Technology, Phytopharmaceuticals and Biological: Trends” held at Amity University, Noida Campus in 2023.
- Actively participated in the **National conference** on “Recent Advances in Pharmaceutical Sciences” held at IIMT College.
- Actively participated and presented a poster in SERB-sponsored **National seminar** on “Drug Resistance: Causes and Challenges ahead” held at NIET (Pharmacy Institute), Greater Noida in 2022.
- Actively participated in One day **International Conference** on “Role of Pharmaceutical Sciences in Transformation & Survival in Post-Pandemic Era” held at AKTU (LUCKNOW) in 2022.
- Attended and participated in R&D and Innovation training on “Pharmacoeconomics: Upcoming Challenges in post Covid Era” organized by IIC of NIET (Pharmacy Institute)
- Attended webinar on “Pharmaceutical Quality for Global Stakeholders Webinar” organized by (CDEER SBIA), USFDA.