

MS. SAKSHI PRIYA
ASSISTANT PROFESSOR
ICFAI SCHOOL OF PHARMACEUTICAL SCIENCES
THE ICFAI UNIVERSITY, JAIPUR
Email: spriya@iujaipur.edu.in



Ms. Sakshi Priya is, Assistant Professor of Pharmaceutical Chemistry at the ICFAI School of Pharmaceutical Sciences, The ICFAI University, Jaipur. She holds an M.Pharm in Pharmaceutical Chemistry from ISF College of Pharmacy, Moga, with a CGPA of 9.62 (Gold Medalist), and a B.Pharm with a CGPA of 8.93. She qualified GPAT 2025 (Rank 2002) and secured Rank 1 in the Panjab University Ph.D. Entrance Test 2025.

Her academic and research interests encompass Pharmaceutical Chemistry, Medicinal Chemistry, Computer-Aided Drug Design (CADD), rational drug discovery, heterocyclic chemistry, chemical synthesis, molecular docking, pharmacophore mapping, 3D-QSAR, molecular dynamics, DFT studies, and in-silico ADME/toxicity evaluation. She also has experience in spectroscopic techniques, chemical synthesis, antibacterial activity evaluation, and handling pharmaceutical analytical instruments.

Her M.Pharm research focused on “Design, Synthesis and Biological Evaluation of Quinazolinone-Hydroxamate Hybrids as Dual Inhibitors for the Treatment of Cancer and Bacterial Resistance.” The work integrated chemical synthesis, computational studies and biological evaluation for the development of potential therapeutic candidates.

She has contributed to Nine peer-reviewed research and review publications in areas including anticancer drug discovery, chalcone-triazole hybrids, computational drug design, molecular modelling, fluorophores, chromatography, kinase inhibition and heterocyclic chemistry. Her publication record includes contributions as first author and co-author, with several additional manuscripts and book chapters under review.

She has also contributed to four patent applications covering novel pharmaceutical compounds and healthcare technologies, including quinazolinone-hydroxamate hybrids, benzimidazole derivatives, a smart cardiac-health monitoring patch and a wearable brain-wave analysis device.

Her academic achievements include 3rd Position at ISFCON 2025, 3rd Position in Poster Presentation and 1st Position in Quiz Competition at the International Workshop on *Drug Discovery from Phyto-Based Screening to Clinic*, and being a Finalist at IDEA-PHIED 3.0 Finale, IISER Mohali. She was also awarded the Merit-Cum-Means National Scholarship during her B.Pharm programme.

Her teaching approach emphasizes integrating fundamental pharmaceutical sciences with practical laboratory training, research, computational approaches and contemporary drug-discovery applications.