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**Dr. Mahesh Kumar Sharma** is currently serving as an Assistant Professor at ICFAI School of Pharmaceutical Science, The ICFAI University, Jaipur, with over 11 years of teaching experience in pharmaceutical sciences. He earned his Ph.D. in Pharmaceutical Science in 2023. His academic background includes an M. Pharm in Pharmaceutics (2015) and B. Pharm (2012) from RUHS, Jaipur. Dr. Sharma is also experienced in academic administration and quality assurance in pharmacy education. He has been actively involved in undergraduate teaching, practical training, student mentoring, and academic activities. He has a keen interest in pharmaceutical research and innovation. His major research interests include phytochemical screening and evaluation of bioactive compounds. He is also actively engaged in research related to anti-diabetic activity. His research interests further include nanocarrier-based drug delivery systems. He has contributed to research on innovative approaches for improving pharmaceutical formulations and drug delivery. His work focuses on developing scientifically relevant and practically applicable solutions in pharmaceutical sciences'. Sharma has published more than twenty research papers in journals of national and international repute. His research contributions cover various emerging areas of pharmaceutical sciences. He has also contributed to pharmaceutical innovations through intellectual property activities. He is an inventor/co-inventor associated with Indian and UK patents/designs in pharmaceutical and related innovations.

His innovation-related work includes 3D-printed tablet coating technologies. He has also contributed to work involving novel bioactive compositions. His research and academic activities reflect his interest in emerging pharmaceutical technologies. He is particularly interested in the integration of nanotechnology with pharmaceutical sciences. He also has an academic interest in the application of artificial intelligence in pharmaceutical sciences. He believes that modern technologies can significantly contribute to pharmaceutical research, education, and HealthCare. Sharma is actively involved in teaching and developing learning resources for pharmacy students. He contributes to the preparation of textbooks, practical books, and academic teaching materials. His academic writing focuses on presenting pharmaceutical concepts in a simple, systematic, and student-friendly manner. He has contributed to books related to Pharmaceutics, Pharmaceutical Chemistry, and Instrumental Methods of Analysis. He has also been associated with the development of practical-oriented educational resources for pharmacy students. His teaching approach emphasizes conceptual understanding along with practical application. He actively encourages students to develop

research aptitude and scientific thinking. He is involved in academic mentoring and supports students in their educational and research activities. He participates in faculty development and professional development programmes to enhance his academic competencies. He has completed a UGC-Malviya Mission Teacher Training Programme Faculty Induction Programme with an A+ grade. He has also participated in a Faculty Development Programme on “AI Integration in Pharmaceutical Sciences: Transforming Research, Education, Healthcare and Industry.” His professional interests extend to the application of AI and advanced technologies in pharmaceutical education and research. He is also associated with professional activities related to the advancement of pharmaceutical sciences. His research contributions include collaborative work with researchers from different areas of pharmaceutical and allied sciences. He has contributed to scholarly publications through activities such as research support, referencing, writing, and review. He is committed to continuous learning and professional development in the rapidly evolving field of pharmaceutical sciences. His academic and research activities reflect his commitment to teaching excellence, innovation, research, and student development. Through his teaching, research, publications, and academic writing, he aims to contribute to the advancement of pharmaceutical education and research. He continues to work towards integrating modern technology, innovative research, and quality education for the benefit of pharmacy students and the pharmaceutical profession.