

Brief Profile of Dr. Prem Shankar Yadav

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Dr. Prem Shanker Yadav is an Assistant Professor at the Faculty of Engineering and Technology, University of Lucknow, with over 15 years of professional experience in teaching and research. He holds a B.Tech in Information Technology from UPTU, an M.Tech in Information Security from NSUT east campus (formerly AIT Delhi), and has completed his Ph.D. at MNIT Jaipur with a thesis focused on Unified Deep Learning Frameworks for image-text correlation. As a pioneer in his field, he established the university's AI Research Lab and IMac Lab, which features a high-performance infrastructure of 37 GPU systems (including RTX4000 and T1000 units) and 35 iMac system. His research expertise spans Multimodal AI, Natural Language Processing, and Computer Vision, with a specialized focus on sentiment-aware scene understanding, image retrieval, feature optimization and visual storytelling. Dr. Yadav has a distinguished record of collaborative leadership, serving as a Co-PI for a TEQIP-sanctioned research project on AI-based medical assistants for the elderly. Additionally, he has acted as the Head Coordinator for the MHRD-funded Future Skill Technologies. His prolific academic output includes numerous papers in journals and conferences. Beyond his research, he is deeply committed to mentorship, having supervised several M.Tech dissertations and currently co-guiding no of doctoral candidate. Dr. Yadav also contributes to the broader scientific community as a reviewer for international journals and a member of various institutional Boards of Governors.