

Prof. Sankulp Kherra

Assistant Professor, Information Technology

Army Institute of Management and Technology

With over 5 years of experience in academia and the technology industry, Prof. Sankulp is a passionate educator and practitioner in the field of Information Technology. Currently serving as an Assistant Professor at the Army Institute of Management and Technology, Prof. Sankulp specializes in Data Science, particularly in Natural Language Processing (NLP), Large Language Models (LLMs), and Generative AI.

Prof. Sankulp holds a Bachelor of Technology (B.Tech) in Electronics and Communication Engineering from Bharati Vidyapeeth's College of Engineering, Delhi (IP University) and a Master of Technology (M.Tech) in Computer Science with a specialization in Data Science from Birla Institute of Technology and Science (BITS), Pilani. Additionally, Prof. Sankulp has earned certifications in Python, Deep Learning from deeplearning.ai, and is currently pursuing a certification in Generative AI. Prof. Sankulp has also led workshops on Data Visualization using Python and has attended several workshops on Power BI.

Before transitioning to academia, Prof. Sankulp gained valuable industry experience as a Technology Instructor and Practitioner with a leading EdTech company, where they trained and guided students, professionals, and school learners in various areas such as Python programming, Computer Vision, Natural Language Processing, SQL, and Power BI. This hands-on experience in teaching large, diverse groups has greatly influenced Prof. Sankulp's pedagogical approach—one that emphasizes real-world applications, makes learning engaging, and ensures that complex concepts are broken down into manageable, relatable components. By using real-life examples, Prof. Sankulp strives to make learning enjoyable, interactive, and meaningful for students.

Prof. Sankulp has also trained professionals at major organizations like Microsoft and contributed to curriculum development for schools in areas such as Python programming and Computer Vision. Although still early in their research career, Prof. Sankulp is passionate about the intersection of AI, Data Science, and Education, with a particular focus on exploring new advancements in NLP and Generative AI. Their ultimate goal is to inspire the next generation of tech leaders to embrace the field of Data Science and AI with enthusiasm and curiosity.

Currently preparing to embark on PhD research in a related field, Prof. Sankulp remains committed to expanding their knowledge and making significant contributions to the academic and technological communities.