

Dr. Ankit Kumar is a Postdoctoral Fellow in the Department of Mechanical Engineering at IIT Bombay, India. His research focuses on pioneering surface modification techniques for metal alloys, enhancing their performance in biomedical, automotive, and aerospace applications. Specializing in advanced hard coatings via PVD and thermal spray methods, Dr. Kumar is also deeply involved in fabricating metal products using additive manufacturing, with an emphasis on optimizing surface properties. He completed his Ph.D. at IIT Roorkee, India in 2023, concentrating on improving the mechanical, tribological, and anti-corrosion characteristics of metal substrates. Dr. Kumar has authored numerous research papers and book chapters in leading international journals.