



Dr. Zubia Anwer

Assistant Professor, Department of Metallurgical Engineering

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<https://www.linkedin.com/in/dr-zubia-anwer-05a9b425b/>

<https://orcid.org/0000-0002-1271-2182>

Dr. Zubia Anwer is a faculty member and researcher specialising in high-temperature materials, focusing on microstructural evolution and environmental response. Her research explores the development of characterisation and simulation of materials for extreme environments, including superalloys and refractory metals. With a strong background in metallurgical and materials engineering, Dr. Zubia Anwer has been actively engaging in both experimental and computational studies of high-temperature materials.

Current research interests include oxidation behavior, phase stability, and thermodynamic modelling of Ni-based superalloys. She utilizes tools like FactSage, microscopic techniques to investigate the long-term performance of materials at elevated temperatures. Dr. Zubia's research directly supports the UN Sustainable Development Goals, notably SDG 9 (Industry, Innovation and Infrastructure), SDG 7 (Affordable and Clean Energy), and SDG 13 (Climate Action).