



- Full name: **Mosab Kaseem**
- Affiliation: **Sejong University**
- Title/Position within the institution: **Associate Professor**
- Brief biographical introduction

Prof. Mosab Kaseem is an Associate Professor in the Department of Nanotechnology and Advanced Materials Engineering at Sejong University, Republic of Korea. He received his Ph.D. in Polymer Science in 2012 and has established a research profile in surface engineering and electrochemical performance of light metals, particularly magnesium and titanium alloys. His work centers on plasma electrolytic oxidation (PEO) as a platform for developing advanced coating architectures. By incorporating layered double hydroxides (LDH), metal–organic frameworks (MOFs), and organic–inorganic composites, he designs multifunctional surfaces with enhanced durability in aggressive environments. His research also extends to the functionalization of hybrid systems for photocatalytic applications, enabling additional performance in environmental and energy-related contexts. He has authored over 170 SCI-indexed publications with more than 10,000 citations and an h-index of 54, reflecting the impact of his contributions to materials science and corrosion engineering. In addition to his research contributions, he serves as a Youth Editorial Board Member and has contributed as an Editor and Guest Editor for several international journals in materials science and corrosion engineering, while also actively participating in peer review activities. His current research interests include hybrid coating design, interfacial phenomena, and advanced electrochemical characterization techniques.