

## BIODATA



**Norhasnidawani Johari** is a distinguished researcher specializing in the development of advanced coatings for corrosion protection, particularly in the maritime industry. Currently, she is working as a Senior Lecturer in the Department of Mechanical Precision Engineering at the Malaysia-Japan International Institute of Technology (MJIT), Universiti Teknologi Malaysia (UTM). She holds a PhD. (2015-2018), an M.Sc. (2013-2015), and a B.Sc. (2007-2011) in Materials Engineering from the International Islamic University Malaysia (IIUM). Her research addresses the significant economic and environmental challenges posed by corrosion in steel structures, and she has made notable contributions through the formulation of superhydrophobic coatings utilizing innovative hybrid organic/inorganic nanoparticles. She has published extensively in high-impact journals, with research spanning the synthesis of nanostructures, evaluation of mechanical properties, and development of durable, eco-friendly alternatives to traditional coatings. She is a Professional Engineer (P.Eng) registered with the Board of Engineers, Malaysia (BEM), Chartered engineer, Institution of Mechanical Engineers, Member of Institution of Mechanical Engineer (MIMEche), and Professional Technologist (Ts) registered with Malaysia Board of Technologist (MBOT).



**Noor Azlina Hassan** is graduated from Universiti Kebangsaan Malaysia (UKM), started her career as a researcher at the Faculty of Science and Technology, UKM in 2003. She was appointed as an Assistant Professor in Manufacturing and Materials Engineering, IIUM in 2011. She obtained the Bachelor of Science (Materials Science), Master of Science (Materials Science) and Degree of Doctor of Philosophy in Materials Science from UKM. She was selected for a scholarship for sub-specialist/post-doctoral in 2013 and worked with IBM, Research Centre, USA under a special research programme with the Ministry of Education Malaysia (MOE), NanoMalaysia Berhad (NMB) and IBM Almaden Research Centre, San Jose, California for a special project of Nanogel Star Polymer Anti-Microbial Research before she returned to Malaysia in 2014. She was appointed as an Academic Advisor and Head of Program Accreditation and Quality Assurance (PAQA) for Materials Engineering, and currently serves as an Associate Professor in the Department of Manufacturing and Materials Engineering, Kulliyyah of Engineering, International Islamic University Malaysia (IIUM).