

PROF. DR MD ABDUL MALEQUE, CEng, MIMechE (UK)*Faculty of Engineering***Academic/Professional Qualification**

Ph.D (UM, Malaysia); M.Sc. and B.Sc. Engg. (BUET, Bangladesh)

Expertise

Metallurgy and Materials Engineering, Advanced Composite Materials, Surface Engineering, Hybrid Composite Coating, Materials Selection, Tribology

Research Interest

Materials for Automotive and Energy, Surface Modification of Materials, Advanced Composite Materials, Materials Characterization, Tribology and Tribo-corrosion

Email: maleque@iium.edu.my**Contact No.:** 03-6196 5785
016-6773634**Profile**

Dr. Md Abdul Maleque is a Professor in Materials Engineering, Chair of Advanced Materials & Surface Engg. Research Unit (AMSERU), International Islamic University Malaysia (IIUM) and Chairman of TC on Standardization of Alloy Steel in Malaysia, SIRIM. He started his career as a lecturer in 1995 at the faculty of Engineering, University of Malaya, Malaysia. Since then, he served in various teaching and research capacities with University of Malaya and Multimedia University until 2007. He then joined with IIUM in 2009 and engaged actively in research, teaching, supervision, administrative work, securing national and international research grants and publishing research findings in reputed journals. His current research projects are Surface coating of duplex stainless steel, Hybrid coating of alloy steel, Lightweight aluminium matrix composite etc.

Prof. Maleque is the life member of Malaysian Tribology Society (MYTRIBOS) and also served as an executive committee of MYTRIBOS from 2013 to 2015. He is also the member of several professional bodies and organizations such as IMechE, IAENG and MySET. He served on the international advisory committee of ICAMME2017, ICAMME2013 conference, Secretary of ICAMME2014, publication committee of MITC2013, Technical committee of AMPT2009, technical committee chairman of ICOMAST2006 and RTC2011. He is on the Section editor of Encyclopedia of Renewable and Sustainable Materials, Elsevier Ltd, Editorial Board of Int. Journal of Automotive and Mechanical Engineering, Journal of Mechanical Engineering and Sciences, International Journal of Engineering Materials and Manufacture and Industrial Lubrication and tribology. He has published more than 350 technical papers in different journals and conference proceedings. He has written a text book on Materials Selection and Design and edited 8 academic books in engineering.

He was the recipient of highest citation indexed award 2014 from IIUM, IIUM Quality Research award 2013 from IIUM, Vice Chancellor award from UM; Dean's award from UM and several international and national level awards. He has been working in the Technical Committee on Alloy Steel Standardization, SIRIM, Malaysia to develop Malaysian standard since 2009. Prof. Maleque developed new programme (at MMU) for that he was the founder programme head and new courses (at IIUM, MMU and UM) as well. He has completed several consultancy works/projects both at IIUM and UM.