Novas Academy 1499947-W
Member of Novas Group

Novas Academy Sdn Bhd
Proudly Presents
[Classroom]
Digital Certificate of attendance awarded for those who complete the course

TRAINER'S PROFILE

Dr Shahabuddin Ahmmad

Trainer Philosophy:

I am currently working as a Senior Lecturer in the Department of Mechanical Engineering at the University of Malaya, where I lead pioneering research in hydrogen energy, environment, supply chain modelling, and metallurgy. My work focuses on process modelling, optimization, technoeconomic analysis, and life cycle assessment. In addition to my research activities, I teach core courses in Mechanical Engineering, including Fluid Mechanics, Mechatronics, Heat & Mass Transfer, and Thermodynamics. I am also actively involved in securing research grants and building collaborative partnerships.

I have published over 60 research articles in top-tier journals, garnering about 4,500 citations and achieving an h-index of 28 (Google Scholar). Since 2022, I have been consistently recognized among the world's top 2% of scientists in the subfield of energy, published by Elsevier and Stanford University. In my professional career, I previously served as a Research Fellow at the National University of Singapore (NUS), where I focused on advancing low-carbon technologies, particularly using hydrogen energy vectors. During my tenure at NUS, I developed a software tool named EcoTech for techno-economic analysis.

Prior to NUS, I was a Research Fellow at Swinburne University of Technology, Australia. I worked on the the development of an innovative technology for processing low-grade iron ore. As a research scientist, I also contributed to the Hydrogen Energy Supply Chain project at Federation University, Australia, and the Waste to Energy and Resource Recovery project at UNSW Sydney.

As part of my voluntary contributions, I have delivered numerous talks as a speaker and keynote speaker on a wide range of topics related to energy and the environment. Additionally, I regularly organize seminars to mentor and inspire undergraduate and postgraduate students, guiding them towards higher education and research pathways. Over my career, I have supervised numerous research students at both the undergraduate and postgraduate levels. I am a certified Chemical, Mechanical, and Materials Engineer, accredited by leading global professional bodies, with extensive research in the field of energy and environment and metallurgy.

I hold a PhD in Chemical Engineering from Monash University, where I was honoured with the prestigious Postgraduate Publication Award (PPA). Additionally, I earned my MPhil in Mechanical Engineering from the University of Adelaide and a Bachelor's degree in Mechanical Engineering from DUET, Bangladesh.

Throughout my career, I have been dedicated to advancing knowledge in the fields of energy, environment, and engineering, with a particular emphasis on sustainable and low-carbon technologies. My contributions extend beyond academic research; I actively engage with society through voluntary work, delivering talks and seminars that raise awareness about energy and environmental challenges. I am committed to mentoring the next generation, and regularly organizing seminars to guide and motivate undergraduate students towards higher education and research. My efforts in developing innovative technologies, publishing influential research, and fostering academic and industry collaborations have made a tangible impact in the fields of clean energy and environmental sustainability. My teaching, research, and voluntary engagements underscore a career committed to societal betterment and a sustainable future.

REGISTRATION PROCEDURE

1. Please fill up & Email us a copy of your registration form;

2. (HRD Corp Registered Employer) Please apply via HRDCorp e-TRiS for HRD Corp Claimable Course: Skim Bantuan Latihan KHAS) scheme before training date (subject to approval),

3. (HRD Corp Registered Employer) Upon training completion, please fill up form PSMB/SBL-Khas/JD/14 and return it to us immediately. The delay in returning the form will result in delay of the employer's submission of claims

Training Provider

Novas Academy Sdn. Bhd.
CoID: 202301006028
Novas Club Office
10F-2, 2 Rio Office Tower, Persiaran Rio,
47100 Bandar Puteri Puchong, Malaysia.
Contact Person: Ms. Mandy
Mob: 014-286 6600
Email 1: mandylai@novas.com.my
Email 2: enquiry1@novas.com.my
WEBSITE: www.novas.com.my