

WEBINAR TALK

ESG SUSTAINABILITY FRAMEWORK: THE ROLE AND IMPORTANCE OF ITS PILLARS IN THE MANUFACTURING INDUSTRIES REVOLUTION

BEM APPROVED CPD: 2

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ENGINEERING EDUCATION TECHNICAL DIVISION, IEM

SATURDAY

28 SEPTEMBER 2024

(rescheduled from 10 AUGUST 2024)

9.00AM - 11.00AM

REGISTRATION FEE

IEM STUDENT : FOC

IEM MEMBERS: RM15

NON IEM MEMBERS: RM70

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SPEAKER

Ir. Dr. Shamini Janasekaran

SYNOPSIS

Environmental, Social, and Governance (ESG) has become a globally known framework for determining the sustainability and ethical impact of businesses and organizations. ESG factors are used to evaluate the environmental, social, and governance practices of entities, ranging from corporations to investment funds and even government policies. On 2nd October 2023, Malaysia's new National Industry Environmental, Social, and Governance (i-ESG) framework was officially presented to the public. It is an initiative to show Malaysia's commitment towards promoting ESG principles in manufacturing industries. It also projects global efforts to address environmental, social, and governance challenges. Malaysia proposed i-ESG framework to promote sustainable development among manufacturing companies. The policy framework is designed to support the country's commitment to reducing greenhouse gas emissions by 45 % in 2030 and achieving carbon neutrality by 2050. The efforts to reduce greenhouse gas emissions is placed on micro, small, and medium-sized manufacturing enterprises (MSMEs) which constitute a large portion of Malaysia's business landscape contributing substantially to the country's GDP (24.2 %), exports (84.2 %) and workforce (17 %).

SPEAKER'S PROFILE

Ir. Dr. Shamini Janasekaran received her PhD in Engineering (Manufacturing Processes) from Universiti Malaya (UM) in 2017, Masters in Electro-Manufacturing from UM in 2012 and Bachelor of Electronics Engineering from Universiti Sains Malaysia in 2006. Her specialization is in advanced joining techniques towards economic sustainability. Her new passion is in Environmental, Social, and Governance in manufacturing industry which includes SMEs as well. She worked as Component and Electrical CAD Engineer in Flextronics Technologies Sdn Bhd for 4 years before joining Daikin Electronic Devices Malaysia (known as OYL Technology) in 2010 until 2012. Prior to joining SEGi University as academician in 2017 until present, she was attached to University of Malaya as research assistant. She is also a Professional Engineer registered under BEM since 2019 and Chartered Engineer and member of Institution of Mechanical Engineers (IMechE) since 2018. She has been publishing indexed papers in manufacturing fields and presented them in international conferences.