

WEBINAR TALK ON

INTRODUCTION TO PASSIVE ACOUSTIC MONITORING (PAM) TECHNOLOGY

BEM APPROVED CPD : 2 REF NO : IEM21/HQ/230/T (w)

ORGANISED BY : MARINE ENGINEERING & NAVAL ARCHITECTURE TECHNICAL DIVISION

SPEAKER :

Ir. Ts. Prof Dr Mohd Rizal bin Arshad

10 JULY 2021, SATURDAY

11.30AM - 1.30PM



REGISTRATION FEE

(effective from 1st August 2020)

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SYNOPSIS

Passive acoustic monitoring (PAM) technology is used to measure, monitor, and determine the sources of sound in underwater environments, enabling researchers to eavesdrop on the acoustic behavior of marine animals (e.g., whale song, fish chorusing, snapping shrimp), natural abiotic sounds (e.g., wind, earthquakes), and human generated sounds (e.g., cargo vessels). By utilizing PAM tools, researchers are able to collect data to answer questions about these valuable marine habitats and provide important condition information to managers and policymakers.

SPEAKER'S DETAILS

Ir. Ts. Prof Dr Mohd Rizal Arshad graduated from the University of Liverpool, UK in July 1994; with a B.Eng. in Medical Electronics & Instrumentation and January 1999 with a PhD Degree in Electronic Engineering. He completed his MSc. in Electronic Control Engineering from the University of Salford in 1995. His areas of specialization are ocean robotics and instrumentation, control and intelligent system. He is currently a full professor and Deputy Vice Chancellor in Academic and International at Universiti Malaysia Perlis (UniMAP), Malaysia.

