The Institution of Engineers, Malaysia

WEBINAR TALK ON

SECURITY DRONES AND OTHER RELATED APPLICATIONS IN OIL & GAS AND MARINE STRUCTURES

ORGANISED BY:
OIL, GAS AND MINING TECHNICAL DIVISION, IEM

BEM APPROVED CPD: 2
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SPEAKER:

Ir. Dr. Mohd Nazri Mohd Nasir

15 FEBRUARY 2025, SATURDAY
9.00AM - 11.00AM

ZOOM WEBINAR

REGISTRATION:

IEM STUDENT : FOC
IEM MEMBERS: RM15
NON IEM MEMBERS: RM70

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SYNOPSIS

This technical lecture will develop a good understanding of the Unmanned Aerial System (UAS), which is also known as the drone design process, parts installation, and testing in accordance with Malaysian aviation rules. It suits new or experienced drone operators and university graduates who want to extend their theoretical/practical knowledge and skills in building unmanned aircraft for various applications. Dr Nazri will disclose the aircraft design processes, selection of propulsion systems, handling flight software, sensors installation, ground checks and interesting flight tests. Ultimately, Dr Nazri will share his experience and personal involvement with drone-related consultation projects, including Oil & Gas and Marine activities, with local and international companies, including the challenges he faced throughout the projects.

SPEAKER'S PROFILE

Ir. Dr. Mohd Nazri has been a senior lecturer at the Department of Aeronautics, Automotive and Ocean Engineering, Faculty of Mechanical Engineering, Universiti Teknologi Malaysia (UTM) since 2006. Currently, he is a research fellow of UTM Aerolab and the project leader of various iconic UTM's Unmanned Aerial System (UAS) inter-faculty collaborative research programmes, namely CAMAR and JagaDrone. He was conferred the Doktor-Ingenieurs degree from Technische Universität Darmstadt, Germany 2017, and a Master of Science in Aerospace Engineering degree from the Delft University of Technology, The Netherlands, in 2008. He specialises in aircraft design activities, instrumentation and aerodynamics courses, primarily related to unmanned aircraft for various applications. He has given talks and seminars to many groups of aircraft design engineers, related industrial players, researchers and STEM school teachers. He is a qualified Professional Engineer with the Board of Engineers Malaysia (BEM), a member of The Institution of Engineers Malaysia (M.I.E.M) and a chartered engineer of the Institute of Mechanical Engineers, UK (CEng MIMechE) and actively involved in many consultations works in the area of unmanned aircraft and drone design, fabrication and flight testings.