BEM APPROVED CPD: 2   **REF NO: IEM25/HQ/221/T (w)**

WEBINAR TALK ON
"APPLICATION OF MACHINE LEARNING IN DRILLING REAL TIME ENGINEERING ANALYSIS"

Date   : 12 July 2025 (Saturday)
Time   : 9.00 am - 11.00 am
Platform : Zoom Webinar

Registration Fees:
- Student Member : **FOC**
- IEM Member   : **RM 15.00**
- Non-Member   : **RM 70.00**

Synopsis:

The application of machine learning in real-time engineering analysis for drilling processes has revolutionised the oil and gas industry. This talk will explore how advanced machine learning techniques are being integrated into drilling operations to enhance efficiency, safety, and decision-making. Key topics will include the fundamentals of machine learning, specific applications in drilling, as well as the benefits and challenges of real-time data analysis. Attendees will gain a comprehensive understanding of how machine learning is transforming the drilling industry and practical insights into adopting these technologies in their operations.

Speaker: Ir. Abdul Razak Yakob

Ir. Razak Yakob is a Drilling Engineering Consultant with over 25 years of experience in the oil and gas industry. He specializes in drilling engineering, with a focus on design, operations, and post-evaluation. Passionate about developing drilling competency, Razak now concentrates on utilizing machine learning, data management, and real-time technologies in drilling applications. He is a Professional Engineer with a Practicing Certificate and actively contributes as a committee member for the Board of Engineers Malaysia. Currently, he holds the position of Vice President of The Institution of Engineers, Malaysia. In previous terms, he also served as Chairman and Advisor of the Oil, Gas & Mining Technical Division.