



### Registration Fees

\*Student Member : FOC

\*IEM Member : RM 15.00

\*Non-Member : RM 70.00

## WEBINAR TALK ON "SAFETY ENGINEERING EDUCATION – ENHANCING THE LEARNING FOR SAFETY ENGINEERING"

BEM APPROVED CPD: 2.0

REF NO: IEM25/HQ/I22/T (w)



**Ir. Dr. Zaki Yamani Bin Zakaria**



**DATE**  
**JUNE 04, 2025**



**TIME**  
**2:30PM – 4:30 PM**

### Synopsis

Organised by  
**SAFETY IN ENGINEERING SPECIAL INTEREST GROUP (SESIG)**

Safety engineering is a critical discipline that ensures the prevention of accidents, hazards, and failures in various industries. However, teaching safety engineering poses significant challenges, as students and engineers often struggle to fully grasp its importance and application. This sharing explores the complexities of educating future professionals in safety engineering and the barriers to effective learning. It then highlights innovative and creative teaching methods designed to enhance engagement, comprehension, and practical application. By integrating interactive learning approaches, case studies, and problem-based learning, we can better equip students and engineers with the knowledge and skills needed for a safer future.

### Speaker

Dr. Zaki Yamani Bin Zakaria is a Senior Lecturer at the School of Chemical and Energy Engineering, Universiti Teknologi Malaysia (UTM). He holds a Ph.D. in Chemical Engineering from UTM and has expertise in catalytic reaction engineering, process safety, and engineering education research. With a strong academic and professional background, Dr. Zaki is a member of several engineering institutions, including IEM, BEM, and IChemE. He has received numerous awards for his research and contributions to education. Dr. Zaki has also been actively involved in consultancy, research projects, and academic leadership roles at UTM, significantly impacting the engineering field.