

Webinar Talk on “Smart Fire Detection Device (SFDD) – Patented & First in World

Date : 26 July 2025 (Saturday)
Time : 9.30 am - 11.30 am
Platform : Zoom

BEM APPROVED CPD: applying
REF NO: Applying

Registration fee:

- **Student Member: Free**
- **IEM Member: RM15.00**
- **Non-Member: RM70.00**

Synopsis

Every year, electrical failures or malfunction causes home and buildings fires, leading to billions of dollars in property damage and in some cases, loss of life globally. Our product is being rated **FIRST IN THE WORLD** and hence SFDD is patented in Malaysia and internationally.

Due to above problem, we are keen to present our innovative device that will be able to totally prevent fire incidences caused by electrical at LV. As we understand, a trip unit is the part of a circuit breaker that opens the circuit in the event of a thermal overload, short circuit or ground fault. The circuit breaker has one job: to cut off the flow of electricity to our home/office to prevent overheating a circuit—and thus prevent electrical caused fire. Yet, electrical caused fire still do take place even in house and buildings premises mainly because of faulty electrical outlets or old, outdated appliances which is unable to hold the overload.

In regards to that, we would to introduce our new device/product known as Smart Fire Detection Device (SFDD) (Fire Detection In WIRING System) designed to hold the overload of energy by transferring it back to the ground. SFDD also serves as a Fire Detection in Wiring System, eliminates nuisance electrical trips, voltage stabilizer and DOES NOT require any routine maintenance. We are also glad to inform that we have patented our product in Malaysia as there isn't any similar product designed to date.



SPEAKER'S DETAILS

Mr. Kmaraveloo

He holds the following professional qualification, a professional engineer (Reg No: PE17395) and registered with the Board of Engineers Malaysia, A Registered Electrical Energy Manager (REEM – PTE 0009-2019) with Suruhanjaya Tenaga, a green book holder registered (Reg: JKPP IS 127/438/2/7480) with Department of Occupational Safety and Health and a certified lead auditor (Reg no: OA-A100) registered with MRCA (Malaysia Registered Certificated Auditor) , Malaysia. He earned Double Master's in Risk Management from OUM, Malaysia (2019), and MBA from Central Queensland University, Australia (2003) and also has a Bachelor (Hons) in Electrical Engineering, from the University of Northumbria, England (1997), he has 26 years of experience in high profile projects.

Mr. Tamilvelu

With a Degree in Finance from Excelsior College, Albany, New York, USA (2000), and an Advanced Diploma from The Chartered Institute of Logistics and Transport, Singapore (2010), Tamilvelu boasts a comprehensive educational background. With over 15 years of professional experience, he has honed his skills and expertise, demonstrating a deep understanding of financial management, and commercial and supply chain operations. Throughout his career, he has consistently exemplified dedication, proficiency, and a commitment to excellence in every role undertaken. His diverse skill set and wealth of experience make him a valuable asset in the realms of finance, commercial, and supply chain.

