



VIRTUAL HALF-DAY SEMINAR ON PROJECT MANAGEMENT FOR AUTOMOTIVE ENGINEERING “TOWARD A SUSTAINABLE FUTURE”

Date : 22 DECEMBER 2022

(RESCHEDULED FROM 3 NOVEMBER 2022)

Time: 9.00 AM – 1.00 PM

Speaker : Ir. Ts Sukhairul Nizam Abdul Razak

**BEM Approved CPD/PDP
4 Hours (IEM22/HQ/371/S(w))**

	ONLINE (Log-in for registration & payment: www.myiem.org.my/member/login.aspx)	NORMAL FEE (by fax & email) Payment by cash, credit card and bank-in
IEM Student Member	40.00	50.00
IEM Graduate Member	75.00	90.00
IEM Corporate Member	125.00	150.00
Non-IEM Member	240.00	300.00

Organized by:
SENIORS SPECIAL INTEREST GROUP (SSIG), IEM

Cancellation Policy

No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with 7 days prior notification and substitute will be charged according to membership status.

Personal Data Protection Act

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.

**“IEM reserves the right to alter or cancel the programme due to unforeseen circumstances at its discretion”.
For intending participants who choose to ‘walk in without prior registration’,
IEM SHALL NOT be responsible for any direct or consequential losses**

SPEAKERS



Ir. Ts Sukhairul Nizam Abdul Razak received an early education at SMK Methodist ACS Klang Selangor, UTM Skudai in Bachelor of Mechanical (Aeronautical) Engineering and MBA from Charles Sturt University Australia. Registered as Asean Chartered Professional Engineer (ACPE), Professional Mechanical Engineer with practicing certificate (PEPC) since 2001 with Board of Engineers Malaysia and registered as Professional Technologist with MBOT, assessor for EAD (ETAC & EAC) Board of Engineers Malaysia (BEM) and assessor for TTAC MBOT. Started career at Proton's Manufacturing since 1995 as RND's body design engineer follow with other positions in various departments in Proton Edar for nearly 18 years such as a Car Body Design Engineer, Branch Sales Manager, Manager Sales Standard, Manager Warranty Operations, Manager Equipment Tools & Calibration, Head of Division Office and then worked with Accenture Malaysia for Daimler Group's project established Product Expert & CSTAR for both sales and after sales in all Mercedes Benz's dealership in Malaysia. Was a Senior Lecturer for City University Malaysia, lecturer for First City University College and as a Director for Enviroklar Tech Sdn Bhd. Ir Ts Sukhairul Nizam has experienced designed, developed automotive components as well managed anti-corrosion and painting development, aerodynamic development, and crash test development for the national car company. Ir Ts Sukhairul Nizam is also specialised in automotive project management, sales training or coaching and managing product recall for automotive industry.

SYNOPSIS

This workshop will provide valuable assistance and education to an automotive project manager, design engineers and production engineers that need to design and produce car starting from design concept till components assembly to the car body prior to deliver to the end user. Every company has its own project management skill set and its own organizational structure. This workshop focuses on study of automotive engineering company and how the project development being deliver according to the best practise.

The automotive industry is experiencing radical upheaval. This transformation is being driven by four main trends: electromobility, shared mobility services, autonomous driving and connected vehicles. The growing demand for electric cars and innovative mobility solutions shows how important the issue of sustainability has now become. Meanwhile, investors and lenders are also paying more attention: They want to understand the climate risks faced by car manufacturers and suppliers and avoid damage to reputation because of associating with climate unfriendly organizations.

This trend is accelerated both by political policies and changing consumer preferences. Some manufacturers and suppliers have already responded to these trends, at least to a certain extent. For example, they are increasing the number of electric vehicles in their range and providing flexible mobility solutions. Yet the potential is far from exhausted. There is still a long way to go to transform the automotive industry into an industry that is sustainable.

Why Should You Attend This Workshop

The automotive product development process especially for body car component is based on the mechanical design and development process. The designs need to comply with various standard, regulations or specifications before the components can be manufactured.

The purpose of the body car component such as a bumper system is to absorb impact in a minor collision ideally minimizing repair costs. Numerous developments with improvements in materials and technologies anticipated on the design of bumper system as greater focus on functionality for protecting pedestrians from injury. With an effective bumper system development, yourself and team be able to:

- Protect the reputation of the company for developing a good quality of components
- Design complying to the regulatory laws or regulations
- Protect the safety of the end user and public
- Manage the components development with necessary testing procedures with the acceptable development and production cost

TENTATIVE PROGRAMME

Time	Programme
9:00 am – 10:00 am	Introduction to Project Management
10:00 am – 11:00 am	Introduction on bumper, nomenclature, material selection and designing plastics components
11:00 am – 11:10 am	Break
11:10 am – 12:00 pm	Styling design, homologation, manufacturing requirements, aerodynamics
12:00 pm – 1:00 pm	Computer Aided Design, manufacturing process, injection molding, GD&T, Assembly, Fasteners
1:00	Conclusion and End of Half Day Workshop

*** IEM reserves the right to postpone, reschedule, allocate or cancel the seminar**

REGISTRATION FORM

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No	Name(s)	Membership No.	Grade	Fee (RM)
SUB TOTAL				
+ 6% SST				
TOTAL PAYABLE				

PAYMENT DETAILS :

FULL PAYMENT must be settled before commencement of the seminar, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participant fails to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. The Registration Fee includes lecture notes, refreshment and lunch.

For **ONLINE REGISTRATIONS**, please note that payment **MUST** be made **BEFORE** the closing date. If payment is not received within the stipulated time, the registration the registration automatically cancels..

Contact Person : _____ Designation : _____

Name of Organization : _____

Address : _____

Telephone No. : _____ (O) Fax No : _____ (O)

Handphone : _____ (HP) Email : _____

Signature & Stamp _____ Date _____

TERMS & CONDITIONS:

- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via RHB and Maybank2u – Personal Saving & Personal Current ; Credit Card - Visa/Master.
- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as NORMAL REGISTRATION
- The Organising Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available, intending participants are advised to send their registrations as early as possible so as to avoid disappointment

FOR FURTHER DETAILS, KINDLY CONTACT:

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