

ENGAGEMENT SESSIONS WITH
DEPARTMENT OF SKILLS DEVELOPMENT,
MINISTRY OF HUMAN RESOURCES

OCCUPATIONAL FRAMEWORK [OF] ENGINEERING SERVICES

YOUR EXPERTISE MATTERS!

The Department of Skills Development (DSD), Ministry of Human Resources Malaysia, is reviewing the Occupational Structure for Engineering Services under the Professional, Scientific and Technical Consultancy category – covering **Mechanical, Civil, Electrical, and Chemical** Engineering Services. Your opportunity to Support National Policies.

**LIMITED SEAT
FOR 120 PAXS
ONLY
WITH BEM CPD**



WHO SHOULD JOIN?

- **PRACTICING ENGINEERS
(MECHANICAL, CIVIL,
ELECTRICAL, CHEMICAL)**
- **ENGINEERING CONSULTANTS**
- **HR & TRAINING MANAGERS
IN ENGINEERING FIRMS**
- **RELEVANT INDUSTRY
PRACTITIONERS &
STAKEHOLDERS**

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SESSION DETAILS:

DATE: 26 JULY 2025 (SATURDAY)

TIME: 9.00 AM – 5.00 PM

VENUE: AUDITORIUM MALAKOFF,
WISMA IEM, PJ



LUCKY DRAW!

**"Exclusive Lucky Draw for
Engaged Contributors!"**

WHY THIS IS IMPORTANT TO ENGINEERING FRATERNITY?

- Establish a national standard engineering services occupation framework; to meeting the industries expectations
- To develop formalised occupation skills standards in creating "job ready" skills graduates.
- This Occupational Framework (OF) will aid the alignment of TVET and training programs produce graduates whose skills match current and future industry demands.
- Gives engineering's workers clear pathways for career growth, showing how to progress from entry-level to higher-level roles through upskilling and reskilling.
- Strengthens Malaysia's Competitiveness by having skilled workforce that boosts productivity, supports innovation, and helps the country move up the global value chain.
- Supports National Skills Policies with Malaysia's skills development goals, including the Skills Certification System, TVET Masterplan, and the vision for a high-income, knowledge-based economy.

THIS IS YOUR OPPORTUNITY TO:

- Support and improve government policies..
- Validate and enhance the proposed structure.
- Ensure all critical scopes and roles are covered.
- Align skills development with real industry needs.

TIME	AGENDA
08:30 - 09:00	Registration of Participants & Morning Refreshments
09:00 - 09:10	Welcoming Remarks by SESIG Representative
09:10 - 10:00	Opening and Briefing by Head Division of Occupational Standard & Curriculum TVET (SPKTVET), Department of Skills Development (DSD)
10:00 - 10:30	Morning Tea Break
10:30 - 13:00	Briefing Of Data Validation, Feedback and Engagement Sessions of Occupational Structure and Occupational Role
13:00 - 14:00	Lunch Break
14:00 - 15:30	Part 1 Validation of Data For Occupational Description (OD)
15:30 - 16:00	Afternoon Tea Break
16:00 - 17:00	Part 2 Validation of Data For Competency in Demand (CID) & Critical Job (CJ)
17:00	End of Session

**CONFIRM YOUR SLOT,
REGISTER NOW:**

REGISTRATION LINK



FEE: FOC
**(Fee Subsidised by
Department of Skill
Development DSD)**

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SPEAKER PROFILE



**Ts. Salbiah
Binti Hussein**

Ts. Salbiah Hussein is a seasoned professional in technical and vocational education, currently serving at the Department of Skills Development, Ministry of Human Resources, Malaysia. With over two decades of experience, she has led major initiatives in skills development, personnel certification, and quality management, including accreditation under ISO/IEC 17024 and ISO 9712 for Non-Destructive Testing (NDT).

A graduate of the University of Southampton in Electrical Engineering and holder of a Master's in Technical Education from UTHM, she has represented Malaysia at global NDT forums, including WCNDT and ISO Technical Committees. Salbiah has presented numerous papers internationally and played key roles in the advancement of national occupational standards and professional development programs.

SPEAKER PROFILE

Ts. Nurul Afifah Mohd Zaid is a Senior Assistant Director (DV44) at the Department of Skills Development, Ministry of Human Resources, Malaysia, where she spearheads the development and validation of TVET standards and occupational frameworks. She brings over 15 years of blended industry-academic experience, including leading the Civil Engineering Technology Department at IKBN Wakaf Tapai and earlier site-engineering roles on major construction projects.

Afifah holds an MSc in Construction Engineering from Universiti Teknologi MARA (2020) and a B.Eng (Hons) in Civil Engineering from Universiti Teknologi PETRONAS (2009). A certified Professional Technologist (MBOT) and Graduate Engineer (BEM), she has earned multiple accolades, notably the 2024 Ministerial Excellent Service Award. Her expertise spans project management, building construction, curriculum design, and skills certification.



**Ts. Nurul Afifah Binti
Mohd Zaid**

MODERATORS PROFILE



Ir. Ts. Wong Chee Fui

Ir. Ts. Wong Chee Fui is a Specialist at Universiti Tunku Abdul Rahman (UTAR). He holds a MSc degree in Highway and Transport Engineering and a B.Eng. Degree in Civil Engineering, both from Universiti Putra Malaysia. Ir. Ts. Wong is a Professional Engineer with Practicing Certificate (P.Eng), Professional Technologist (P.Tech); Certified Construction Project Manager (CCPM), Honorary Member of AFEO; Fellow of the Institution of Engineers, Malaysia (FIEM), Fellow of Technological Association Malaysia (FTAM), Fellow of ASEAN Academy of Engineering and Technology (FAAET) and Fellow of the Academy of Engineering and Technology of Developing World (AETDEW).

Internationally Ir. Ts. Wong is registered as International Professional Engineer (IntPE) , APEC Engineer; ASEAN Engineer and ASEAN Chartered Professional Engineer (ACPE).

Ir. Ts. Wong has been involved in the design, project management and implementation of major construction projects both internationally and locally in which he has gained extensive exposure in the construction sector. His experiences include highway infrastructure design, water supply management, water resources and dam constructions, sewerages, landfills and waste management.

MODERATORS PROFILE

Ir. Tajul has extensive experience in Occupational Safety and Health, majoring in workplace accidents post event such as accident investigations, failure analysis and forensic engineering for more than ten years. Currently he is the Head of Analysis and Research with Forensic Engineering Division, DOSH. Ir. Tajul is a registered Professional Engineer (P. Eng) and ASEAN Chartered Professional Engineer (ACPE).

For 15 years, he gained his experience in various workplace accident investigation including the construction industry, demolition works, factories, power plant that involving fatality cases, dangerous occurrence cases, near miss incidents, engineering structures failure, heavy machinery accidents and work-related occupational disease. His contribution in various stages of Malaysia Occupational Safety and Health (OSH) law enforcement from OSH law development, law enforcements to safety and health promotions, ensuring the safety and health of the Malaysia's workforce are safeguarded and upheld.



**Ir. Tajul Ariffin
Bin Mohamed Nori**

On the law development and policy setting, Ir. Tajul plays an active role as a technical committee member on risk management regulations, Industrial code of practices as well as guidelines including external committee on Safety and Health Standard Development. He is also a DOSH's Prosecution officer and also had been called to testify in the court of law as an expert witness for a case involving occupational accident. He was awarded with the Subject Matter Expert (Investigation and Forensic Engineering) by the Special Unit For High Potential and SME (SUPREME) Public Service Department of Malaysia on July 2020.



**Ir. Gary Lim
Eng Hwa**

Ir. Gary Lim Eng Hwa has a Bachelor of Engineering (Mech) from the University of Canterbury in 1978. He started working in the manufacturing environment and had over 20 years working experiences in various capacities as Industrial Engineer/Work Study Engineer, Project Engineer, Maintenance Engineer and Factory Management.

He then joined the Insurance industry as a Risk Engineer trained to conduct Fire Risk Assessment in all types of manufacturing industries.

Currently he is a committee member with Building Services Technical Division (BSTD) and Secretary/ Treasurer of Safety in Engineering Special Interest Group (SESIG). In 2016, he attended a certification course and awarded as the Approved ISO31000 Lead Trainer from the Global Institute for Risk Management standards G31000.