

NEWS LETTER



ASSOCIATION OF MATERIALS, VIBRATION &
INSULATION PRACTITIONERS, MALAYSIA

ISSUE NO.1: JANUARY – JUNE 2025
(NOT FOR SALE, FOR MEMBER ONLY)

BRIEF HISTORY OF AMVIP

The Association of Materials, Vibration, Insulation & Practitioners, Malaysia (AMVIP) was initiated by Ir. Max Ong and Professor Dr. Mohamad Kamal Harun in 2019 as a professional business association. The Registrar of Societies (ROS) officially approved its registration on 25 September 2019.

AMVIP was established with the goal of creating a collaborative platform that brings together MVI (Materials, Vibration, and Insulation) practitioners, business leaders, academicians, and corporate entities under one roof. The association strives to build a vibrant ecosystem that fosters the exchange of experiences, technical insights, and specialized expertise across diverse industries.

This platform enables AMVIP to pursue the following objectives:

- Foster industry-academia collaboration to accelerate innovation and technology transfer.
- Support manufacturers, facility constructors, and operators in adopting best practices that enhance operational efficiency and safety.
- Encourage sustainable and eco-friendly solutions, aligning with national and global sustainability agendas.
- Promote cost-effective and fit-for-purpose designs that balance performance, durability, and environmental responsibility.
- Organize technical seminars, workshops, and networking events to upskill professionals and expand industry connections.
- Serve as a reference body for standards, training, and professional development in the MVI field.

HIGHLIGHTS

IMVIC-2025

1ST INTERNATIONAL MATERIALS,
VIBRATION & INSULATION
CONFERENCE
7TH – 10TH MAY 2025
CONCORDE HOTEL, KUALA LUMPUR,
MALAYSIA

AMVIP TFPO

AMVIP's Task Force on Project
Optimization (TFPO)
A ROADMAP SETTING WORKSHOP
27TH FEBRUARY 2025
CONCORDE HOTEL, KUALA LUMPUR,
MALAYSIA

GROW WITH AMVIP

- Individual: RM50/year
- Corporate: RM200/year
- Associate: RM30/year
- Entrance fee: RM20
(all categories)


Apply via www.amvip-my.org

Stay Connected

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AMVIP PRESIDENT'S MESSAGE



Dear Readers,

It is with great pleasure that I extend my heartfelt congratulations to the editorial committee on the successful publication of AMVIP's first newsletter. This milestone marks not just the beginning of a publication, but a platform that can instill deeper understanding, innovative thinking, and continued excellence in the field of materials, vibration, and insulation. Let this inaugural issue serve as a catalyst to inspire continued engagement and commitment to our professional growth.

To all readers, I wish to invite all of you to be involved in the AMVIP network, where we consistently offer events, training sessions, and technical collaborations throughout the year. Your participation helps us grow as a dynamic, forward-thinking professional community.

As an organization committed to advancing the professionalism, efficiency, and credibility of our practitioners and businesses, AMVIP invites all stakeholders—be they industry professionals, academicians, technologists, engineers, scientists, skilled workers, managers, or business owners—to be part of our shared mission. Together, we aim to develop knowledge-based, professional, and practical approaches to addressing current and future technological challenges.

Our core intentions focus on promoting the profession and businesses of materials, vibration, and insulation practitioners to their highest potential—both in Malaysia and globally—while encouraging active participation in domestic and international trade events and exhibitions to showcase our innovations and services. At the same time, we wish to provide platforms for expert practitioners and researchers to raise and address issues related to project optimisation, quality standards, cost efficiency, and timely project delivery.

Throughout our programs and activities, such as IMVIC 2025, project optimization conferences, and knowledge-sharing initiatives, AMVIP aims to harness the strengths and expertise of our members, partners, and collaborators. Together, we work towards a common goal: a sustainable, technically advanced future for all.

Let us continue to connect, collaborate, and contribute to the advancement of our profession and field.

Warm regards,

Dr. Mohamad Kamal Harun

President

Association of Materials, Vibration & Insulation Practitioners, Malaysia

**IMVIC-2025:
1ST INTERNATIONAL MATERIALS, VIBRATION &
INSULATION CONFERENCE
7TH – 10TH MAY 2025
CONCORDE HOTEL, KUALA LUMPUR, MALAYSIA**

- 7TH MAY 2025: 1-DAY CONFERENCE (6 STREAMS) IN CONCORDE HOTEL, KUALA LUMPUR.**
8TH MAY 2025: PLANT VISITS FOR CONFERENCE DELEGATES AND AMVIP MEMBERS.
9TH MAY 2025: 5 MASTERCLASSES IN CONCORDE HOTEL, KUALA LUMPUR.
10TH MAY 2025: 7TH AMVIP FRIENDLY MINI-GOLF AT KELAB GOLF SULTAN ABDUL AZIZ SHAH.

The event was attended by over 150 delegates and featured 11 tabletop exhibitors. Participants engaged in six parallel technical sessions covering key topics, including materials, welding and fabrication, corrosion, coatings and insulation, vibration and rotating equipment technology, and sustainability



The 1-Day Conference held on 7 May 2025 offered delegates from diverse disciplines an opportunity to engage deeply within their areas of expertise, facilitating the exchange of insights on project challenges and solutions. Distinguished presenters from Malaysia, ASEAN, and other international regions introduced the latest product innovations and technological advancements across six key disciplines. These sessions provided practical solutions tailored to asset owners and operators in sectors such as oil and gas, power, marine, ports, water, rail, aerospace, infrastructure, and construction.

The event also featured the IMVIC 2025 Conference Keynote Speaker, En. Handan Bin Ramli, Senior General Manager of PETRONAS MPM, who delivered an inspiring address on the future directions of the industry.



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On 8 May 2025, delegates were given the opportunity to visit two facilities for an in-depth, first-hand experience: (i) polymer composite pipe manufacturing at Dialog Pacific Advance Composites in Nilai, Negeri Sembilan, and (ii) advanced blasting and painting systems at the BlastOne Coating Yard in Bukit Jelutong, Shah Alam, Selangor.



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On 9 May 2025, delegates gathered at five Masterclasses on specialized subjects at the Concorde Hotel, Kuala Lumpur, for in-depth technical presentations and discussions with experts in each field. The five Masterclass subjects were:

1. Microbiological Influenced Corrosion , lectured by Mr. Douglas Bennet, Intertek ITS Testing Services (M) Sdn. Bhd.
2. Viscoelastic Dampers for the Vibration Mitigation of Structures under Seismic Actions lectured by Associate Professor Dr. Mohammad Reza Vafaei, Universiti Teknologi Malaysia.
3. The Evaluation of Barrier Coatings in Preventing Corrosion by Electrical Impedance Spectroscopy, lectured by Mr. G. Coolegem (C-Cube International, Delft, The Netherlands), Dr. Ismaliza Ismail (Malaysian Rubber Board), and Prof Dr. Mohamad Kamal Harun (AMVIP).
4. Improving Energy Efficiency, Reducing Costs and Carbon Emissions through Insulation: A Thermal Energy Audit Approach, lectured by Mr. Lean Zhen Hua, Armacell.
5. How Thermoplastic Composite Pipe Helps to Solve the Challenges of the Energy Transition, lectured by Mr. Bart Steuten, Strohm B.V., The Netherlands.



Finally, on 10 May 2025, delegates and members gathered for the AMVIP Friendly Mini-Golf No. 7 event at Kelab Golf Sultan Abdul Aziz Shah in Shah Alam, Selangor.

AMVIP TFPO ROADMAP SETTING WORKSHOP & 5TH AMVIP ANNUAL GENERAL MEETING 27TH FEBRUARY 2025 CONCORDE HOTEL, KUALA LUMPUR, MALAYSIA

A PLATFORM FOR COLLABORATION AND INDUSTRY PROGRESS

The AMVIP Task Force on Project Optimization (TFPO) successfully organized the Roadmap Setting Workshop in conjunction with the 5th AMVIP Annual General Meeting (AGM). The event brought together industry experts, researchers, and practitioners to deliberate on project optimization, share solutions, and set strategic directions for 2025 and beyond.

The workshop offered a significant opportunity to:

- Address challenges in achieving quality, cost efficiency, and timely project delivery.
- Leverage expertise to support key industry players such as PETRONAS, Shell, EPCCs, and technology providers.
- Strengthen collaboration among professionals to contribute toward a sustainable future for Malaysia's energy sector.



**AMVIP TFPO
ROADMAP SETTING WORKSHOP
27TH FEBRUARY 2025
CONCORDE HOTEL, KUALA LUMPUR, MALAYSIA**

HIGHLIGHTS OF WORKSHOP

The day began with a welcoming speech by Puan Siti Haslina Ramli (PETRONAS GTS), followed by Ir. Ahmad Abdullah (PETRONAS GTS) presenting the results of the 2024 market survey and gaps deliberation. This was followed by a series of Technical Focus Group presentations, where experts shared progress and strategies across specialized areas: Ir. Ong Hock Guan (Oil & Gas Professional) on Corrosion, En. M. Zamri Jaafar (PETRONAS GTS) on Welding & Fabrication, Ir. Ts. Raymond Lam (PETRONAS Carigali) on Sustainability & Decarbonization, Dr. Yon Kong Chen (VRG Dinamik Sdn. Bhd.) on Vibration & Rotating Technology, and Puan Nurjaimi Ali (PETRONAS GTS) on Protective Coatings & Thermal Insulation.



**AMVIP TFPO
ROADMAP SETTING WORKSHOP
27TH FEBRUARY 2025
CONCORDE HOTEL, KUALA LUMPUR, MALAYSIA**



EXHIBITION AND NETWORKING

The workshop included a tabletop exhibition where industry stakeholders presented innovative technologies and solutions. Delegates also had opportunities for direct engagement during networking breaks, fostering stronger professional connections and collaboration between organizations.



AMVIP TFPO
ROADMAP SETTING WORKSHOP
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MOU SIGNING CEREMONY

A key highlight of the workshop was the signing of a Memorandum of Understanding (MoU) between AMVIP and the University of Nottingham Malaysia, represented by Professor Ir. Dr. Mohd Shahir Liew, Vice Provost for Research and Knowledge Exchange, and Professor Ir. Ts. Dr. Teo Fang Yenn, Associate Dean (Industry Liaison & Accreditation), Faculty of Science and Engineering. This milestone marks a significant step forward in strengthening academic-industry collaboration. The event concluded with an engaging panel discussion moderated by Puan Siti Haslina, followed by closing remarks from AMVIP President, Dr. Mohamad Kamal Harun.



5TH AMVIP ANNUAL GENERAL MEETING

The workshop seamlessly transitioned into the 5th AMVIP AGM, chaired by Dr. Mohamad Kamal Harun, where members reviewed achievements, discussed strategic directions, and reaffirmed AMVIP's commitment to advancing project optimization initiatives in Malaysia.



AMVIP

TASK FORCE ON PROJECT OPTIMIZATION (TFPO)

The Task Force on Project Optimization (TFPO) was initiated during the 1st AMVIP Conference held in Kuala Lumpur on 7 July 2022. AMVIP TFPO provides a collaborative platform to co-drive the energy, oil and gas, marine, transport, and utilities industries in optimizing project implementation. Its focus spans materials, welding, corrosion, coatings, insulation, vibration, and green technologies, with the objective of achieving project optimization through targeted timelines, controlled costs, assured quality, and enhanced safety in both new construction and maintenance projects.

TFPO Leadership Team:

- Chair: Puan Siti Haslina Ramli (PETRONAS GTS)
- Deputy Chair: Ir. Max Ong (Norimax Sdn. Bhd.)
- Secretary: Puan Ainil Fidrah Ghazali (FixApa Sdn. Bhd.)
- Rapporteur: Ir. Mohd. Suradi Yasin (JOTAC Academy Sdn. Bhd.)

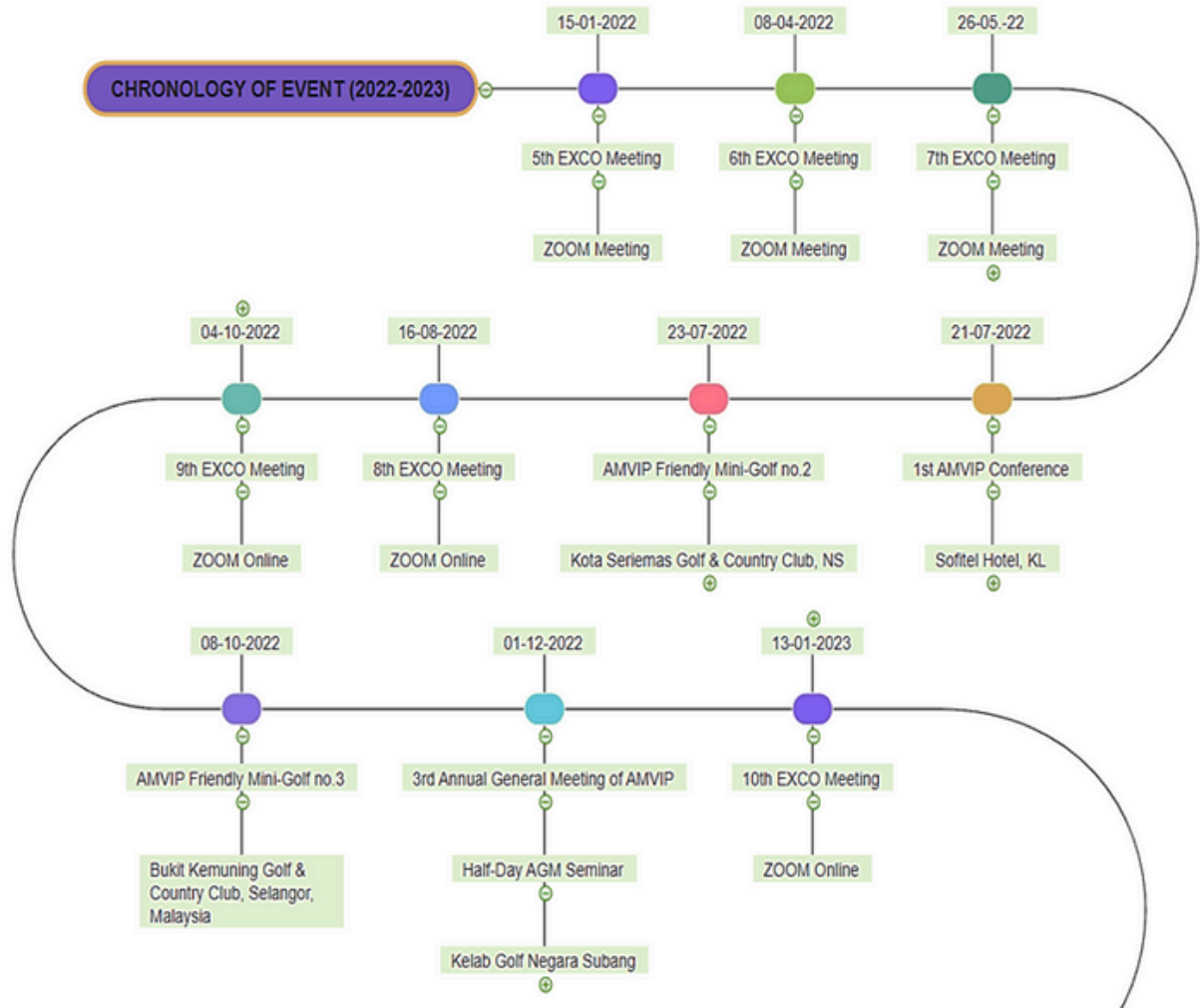
FOCUS GROUP	CHAIRS & ADVISORS	ORGANIZATION
MATERIALS	Chair: Tuan Ahmad Abdullah bin Ahmad Johari	PETRONAS GTS
	Advisor: Puan Siti Haslina Ramli	PETRONAS GTS
WELDING & FABRICATION	Chair: En. Mohd Zamri Jaafar	PETRONAS GTS
	Advisor: Ir. Pau Kiew Huai	Dialog Group Berhad
CORROSION	Chair: Mr. Kang Kim Ang	Corrtrol Synergy Sdn. Bhd.
	Advisor: Ir. Ong Hock Guan	Oil & Gas Professional
COATINGS & INSULATION	Chair: Puan Nurjaimi Ali	PETRONAS GTS
	Deputy Chair: Mr. Danny Tan	Abadi Oil & Gas Sdn Bhd.
	Advisor: En. Nik Khairil bin Nik Abdullah	Temperlite Insulation Sdn. Bhd.
VIBRATION & ROTATING TECHNOLOGY	Chair: Dr. Yon Kong Chen	VRG Dinamik Sdn. Bhd.
	Advisor: Assoc. Prof. Dr. Norhisham Bakhary	Universiti Teknologi Malaysia
SUSTAINABILITY	Chair: Puan Jennyfer Kuanji	PETRONAS Carigali Sdn. Bhd.
	Advisor: Ir. Raymond Lam Choong Meng	PETRONAS Carigali Sdn. Bhd.

AMVIP welcome members to join any of the Focus Groups. Send an email to the Secretary at < amvip2019@gmail.com > requesting to join the respective FG.

CHRONOLOGY OF EVENTS (2024-CURRENT)

04-03-2024	1 st AMVIP EXCO Meeting for the new 2024-2026 EXCO Term	ZOOM Online
07-03-2024	Forum on Project Optimization - Insulation	Nottingham University Future Students Centre, Menara Axis Petaling Jaya.
16-05-2024	Forum on Project Optimization - Corrosion	Nottingham University Future Students Centre, Menara Axis Petaling Jaya.
23-05-2024	2 nd AMVIP EXCO Meeting	Google Meet Online
22-08-2024	Forum on Project Optimization - Sustainability and Decarbonization	Nottingham University Future Students Centre, Menara Axis, Petaling Jaya
24-08-2024	AMVIP Friendly Mini-Golf no.6	Kelab Golf Negara Subang
19-09-2024	AMVIP Johor Chapter Launching & Forum	Amansari Hotel, Pengerang, Desaru, Johor.
08-10-2024	Forum on Project Optimization - Coatings & Insulation	Corus Hotel, Kuala Lumpur
10-10-2024	Forum on Project Optimization - Vibration & Rotating Technology	Institute of Noise & Vibration Universiti Teknologi Malaysia, Kuala Lumpur Campus.
14-10-2024	3 rd AMVIP EXCO Meeting	Google Meet Online
21-11-2024	AMVIP TFPO Advisors & Chairs Meeting	Petronas Twin Tower 3
28-11-2024	4 th AMVIP EXCO Meeting	Google Meet Online
13-02-2025	5 th AMVIP EXCO Meeting	Google Meet Online
27-02-2025	AMVIP TFPO Project Optimization Roadmap Setting Workshop	Concorde Hotel K.L.
27-02-2025	5 th AMVIP Annual General Meeting	Concorde Hotel K.L.
07-05-2025	1 st AMVIP International Materials, Vibration & Insulation Conference "IMVIC 2025"	Concorde Hotel, Kuala Lumpur
08-05-2025	IMVIC-2025 Plant Visits to: - (i) Dialog Pacific Advanced Composites manufacturing facility. (ii) BlastOne blasting & painting facility.	(i) Nilai, Negri Sembilan. (ii) Bukit Jelutong, Shah Alam.
09-05-2025	IMVIC-2025 Masterclasses	Concorde Hotel K.L.
10-05-2025	AMVIP Friendly Mini-Golf No.7	Kelab Golf Sultan Abdul Aziz Shah, Shah Alam, Selangor.

CHRONOLOGY OF EVENTS (2022-2023)



CHRONOLOGY OF EVENTS (2019-2021)



AMVIP MEMBERSHIP FEES SCHEDULE

Description	INDIVIDUAL	CORPORATE	ASSOCIATE
Entrance Fee	RM20.00	RM20.00	RM20.00
Annual Subscription	RM50.00	RM200.00	RM30.00

✦ Membership Application

For membership applications, please visit our website: www.amvip.org

✦ AMVIP EXCO Members (January 2024 – December 2026)

For the full list of EXCO members, kindly refer to our website: www.amvip.org

✦ AMVIP Task Force on Project Optimization (January 2024 – December 2026)

The complete list of TFPO members is available at: www.amvip.org

AMVIP PUBLICATIONS COMMITTEE (2024-2026)

Chief editor : Assoc. Prof. Ts. Dr. Nicole Ho Mui Yen

Committee Members:

- 1) Assoc. Prof. Dr. Andrew Spowage
- 2) Assoc. Prof. Dr. Yu Lih Jiun
- 3) Ts. Kamila Abdul Hamid
- 4) Assoc. Prof. Ir. Dr. Edwin Jong Nyon Tchan
- 5) Mr. Danny Tan Kim Chew
- 6) Assoc. Prof. Ts. Dr. Maxine Yee Swee Li
- 7) Ir. Dr Kiew Peck Loo
- 8) Ts. Dr. Chung Ping Ping
- 9) Dr. Ko Ying Hao
- 10) Mr. Douglas Bennet
- 11.) Eur.Ing. Nigel Patrick Brewitt