

ASPRI Secretariat Recap

EVENTS STATISTICS

27
events

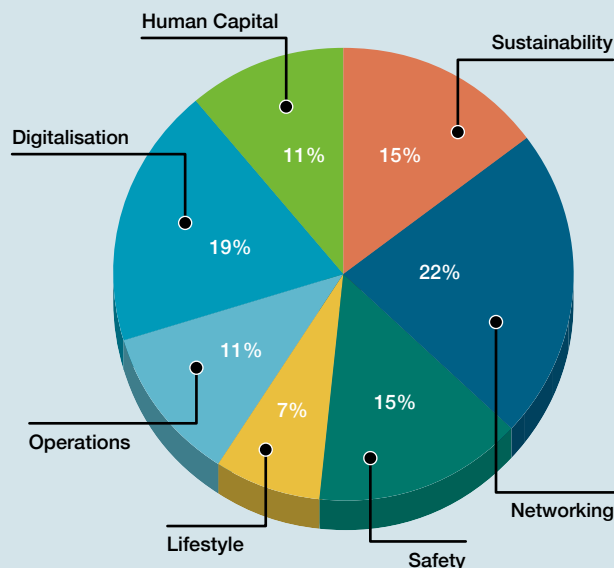
178
unique
members

81%
found it
beneficial

1485
total
attendees

TYPE OF EVENTS

(SEP 2021 - AUG 2022)



MEMBERS' TESTIMONIES

"The Pre-Departure Preparatory Programme (PDPP) is smooth as it is followed up closely by ASPRI Secretariat and Fullerton Health team, thus most of our workers entering our dormitory is free of COVID19."

Mr. Kelvin Toh
HR Manager, Hai Leck Industrial Services Pte Ltd

"The calendar is very useful to our clients."

Mr. Ho Kien Mun
Marketing Director, Supremec Private Limited

"It was useful to me as I learnt more about WICA and the insurances claims. I enjoyed the few case studies which was shared with us too, thank you."

Ms. Berrin Wong Qi Fang
Assistant HR Executive
Rotary Engineering Pte Ltd

"Useful and really helpful for some info that may be missed out from most people."

Ms. Ang Lee Wun
Senior HR Executive
Addcel Engineering Pte Ltd

"We are nothing short of grateful to ASPRI for facilitating different programs which helped not just our company, but a lot of companies turn the tide of the pandemic. Apart from the numerous virtual meet-ups and webinars organized to help answer queries about a range of important topics within the industry, the initiative that stood out best for us was the Pre-Departure Preparatory Program (PDPP), previously known as Project Haven, which resolved our critical need for manpower. When COVID-19 was impacting businesses left and right, this gave us the leverage to press forward. Thank you to the ASPRI team and its partners for the help you have extended us when we needed it most. We are glad to be a part of an organization that recognizes the needs of its members and take action to address them. Kudos!"

Mr. Jose Perez, HR Coordinator, Gulf Engineering & Construction Pte Ltd

MILESTONES BY ASPRI

1. Successfully appeal for extension of government FWL waiver & rebates for Process sector till June 2022.
2. Worked with SBF to put together a joint position paper to inform Public & NGOs about the diverse needs and challenges faced by the Construction, Marine and Process (CMP).
3. Mediated transfer of workers via Change of Employer program (with & without consent)
4. Managed Retention Scheme program for Process sector.
5. Commencement of Pre-Departure Bubble-Wrap programme (brought in 4k+ workers across 200 companies from India & Bangladesh).
6. Engaging MOT/MOM on Safe Transportation for Migrant Workers.
7. Secured ESG-LEAD funding for Digital Readiness Index (DRI) and Launched DRI at Gala Dinner
8. Setting-up of the Sustainability Chapter and commenced the 'Sustainability Conversation'
9. ASPRI resumed hosting physical events for members engagements – Social Night, Golf @SICC, AGM & 25th Anniversary Dinner, and 7th month prayers.
10. Adding a Tagline to ASPRI logo: "Towards A Sustainable PProcess Industry" to focus on the areas of promotion, education, awareness, engaging ASPRI's members, equipment/assets to adopt for training, and channelling resources to push for the Sustainability movement.



ASPRI CIRCULARS | SEP 2021 - AUG 2022



EVENT HIGHLIGHTS

ASPRI 7TH LUNAR MONTH 2021 PRAYER RECAP 03 September 2021

In lieu of the 7th Lunar Month, ASPRI conducted a closed prayer session at the Trade Association (TA) Hub, marking the 24th year that the Association has celebrated this occasion. Similar to last year's, the prayers this year were done in observance of the COVID-19 Safe Management Measures (SMM).

In the morning, Executive Council (EC) members, staff, and members of ASPRI gathered at the basement of TA Hub to observe the 7th Lunar Month prayers. To promote safe distancing and prevent overcrowding, each member companies were designated a different prayer time slot. This ensured the safety of everyone and minimise any potential

transmission of COVID-19 by reducing the number of people that were present at any given moment.

The prayer sessions were conducted by the Taoist priest-in-charge, Mr Koh Kim Tean. After the prayer sessions were concluded, Mr Koh led everyone to the TA Hub carpark where he initiated the burning of joss papers.

ASPRI would like to thank our members and the vendors involved in making this event possible. Albeit different from the celebration of previous years, we were still grateful to catch up with our loyal members and see their faces after a long time.



STRESS MANAGEMENT WEBINAR

29 September 2021, Wednesday

Due to the Covid-19 pandemic, many of our well-beings are affected which may lead to stress and anxiety especially for our migrant workers. Many of these stress are caused by work, health or even from their families back home where they have no one to turn to or not knowing how they could manage it.

As such, ASPRI is grateful to have collaborated with **Wong Fong Academy** to organise a Stress Management Webinar to educate and raise awareness to our migrant workers on the different ways on how to manage stress.

Ms. Shoba Krishnan was the speaker during the webinar. She is currently a lecturer in a private hotel and tourism school. She is also doing trainings in various aspects and job scope with her psychology background.

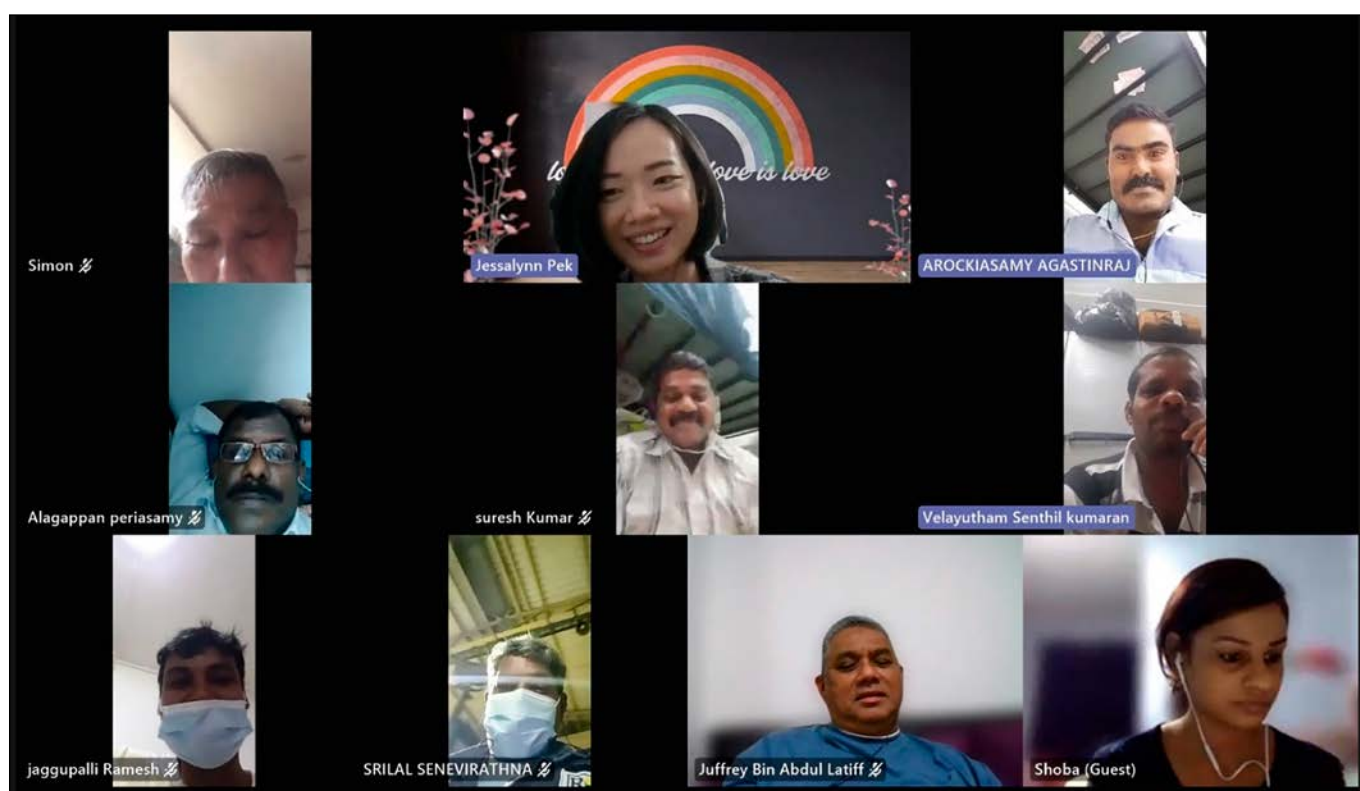
Ms. Shoba opened the webinar by giving an overview of what exactly is stress. She further shared that there are two types of stress, which

are the positive stress and negative stress. Positive stress are good stress such as starting a new job or even taking a vaccination while negative stress are bad stress that are caused by overworking or due to stress-related tension built up from losing someone or having busy work schedules.

Ms. Shoba also shared various ways on how stress can be managed such as by meditating, focusing on the good things, or even spending more time with positive people. She also encouraged the audience to fill up the Stress Reduction Plan whenever one is feeling stress to help them manage their stress better.

The **National Care hotline (1800-202-6868)** was also shared with the participants if they needed someone to talk to about any issues they are facing and is impacting their personal and family lives.

We would like to thank Wong Fong Academy, Ms. Shoba and all our participants for making this an enjoyable and engaging evening.



WEBINAR - NEXT GENERATION OF BROADBAND PUSH TO TALK SOLUTION

13 October 2021, Wednesday

As an advocate of digitalisation and technology that promotes business efficiency, ASPRI was pleased to work with Motorola Solutions to organise a webinar for our members. The webinar was also jointly organised by Technics Communication & Electronics (TCE), a distributor of Motorola products.

The webinar, attended by around 50 pax, covered Motorola's solutions which were suitable for hazardous environments such as work sites in the Process industry. Product Sales Specialist of Motorola Solutions, Mr Choong Kit Soon, opened the webinar with an overview of Motorola's products and services. More details of all products be found here.

Firstly, Mr Choong shared about three devices of different tiers. They are the Wave PTX Two-Way Radios TLK 100/150, MOTOTRBO Ion, and EVOLVE LTE. With it being the most basic of the three devices, the TLK100/150 is a rugged two-way radio which is easy to use and manage.

The MOTOTRBO Ion is a tier higher than the TLK100/150. A business-ready communication device with all-on voice and broadband data capabilities, it has smartphone capabilities with built-in camera, touch screen, app ecosystem, and runs an Android operating system.

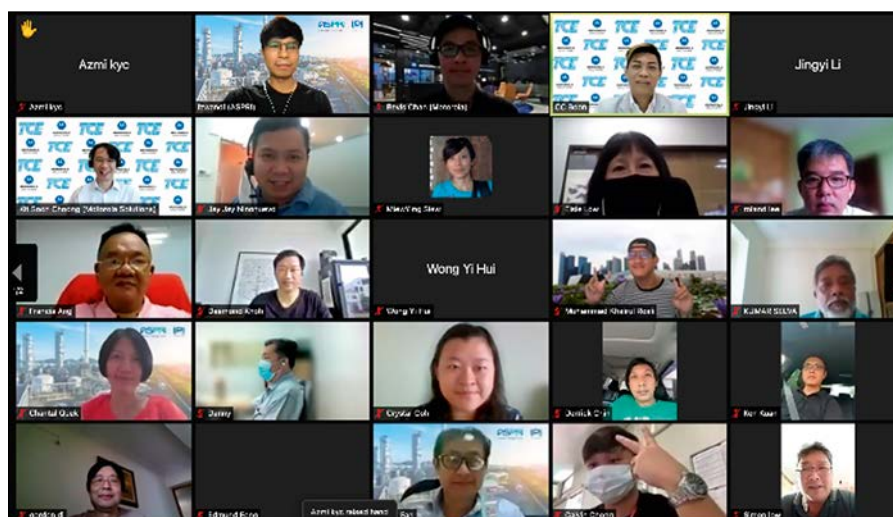
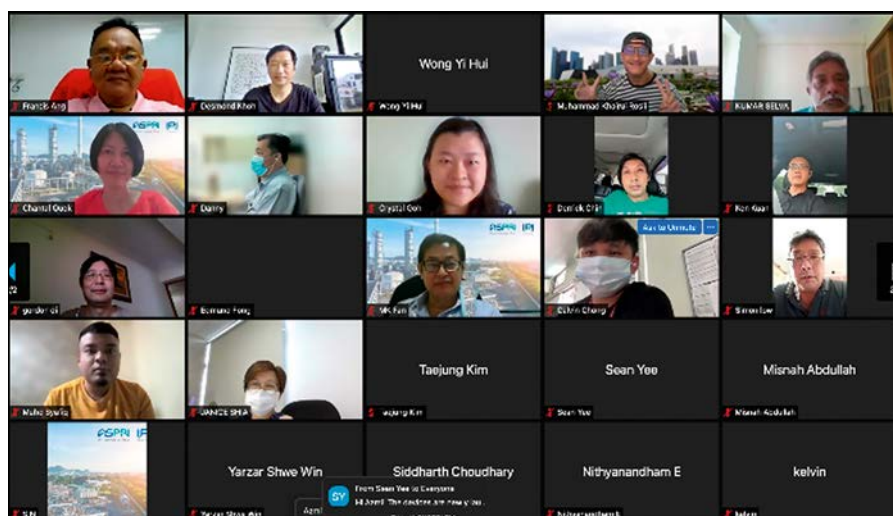
The highest tier device, EVOLVE LTE, looks like a typical smartphone but with the capabilities of radio. It possesses a built-in

push-to-talk (PTT) button, LTE antenna, touch screen, and a camera, all enclosed in a rugged case.

Mr Choong also touched on the Wave PTX mobile app that allows users to turn their smartphone into a PTT handset. This could be useful for users that want the speed and simplicity of PTT communications, and the ability to share multimedia information at the touch of a button. He also shared on the Wave PTX Dispatch – a centralised communication console that allows a user to instantly communicate with other users on the same channel. It also allows for location monitoring.

Lastly, Sales Manager of TCE, Mr Boon, shared a special package of discounted prices specially for ASPRI members. Interested attendees were asked to indicate their interests in a survey after the Q&A session.

ASPRI would like to thank Motorola Solutions, TCE, and all ASPRI members that attended for making this webinar possible. We will continue to connect our members with tools and technology that help to improve their business efficiency.



MITIGATING LIGHTNING & ELECTRICAL SURGE DAMAGES

17 November 2021, Wednesday

In the year of 2010, Singapore Standard SS 555 was introduced and updated in 2018. However, wrongly applied lightning protection system are still seen in the industry. As such, ASPRI has partnered with DEHN (SEA) Pte Ltd to organise a webinar titled, "Mitigating Lightning and Electrical Surge Damages according to Singapore Standard SS 555"

Mr Tan Chi Sheng, Technical Sales Manager of DEHN, opened the webinar by giving a short introduction of his company with more than 100 years of experience in electro-technical. The webinar aimed to help members understand the local requirement through proper design process and select suitable lightning protection design method and components.

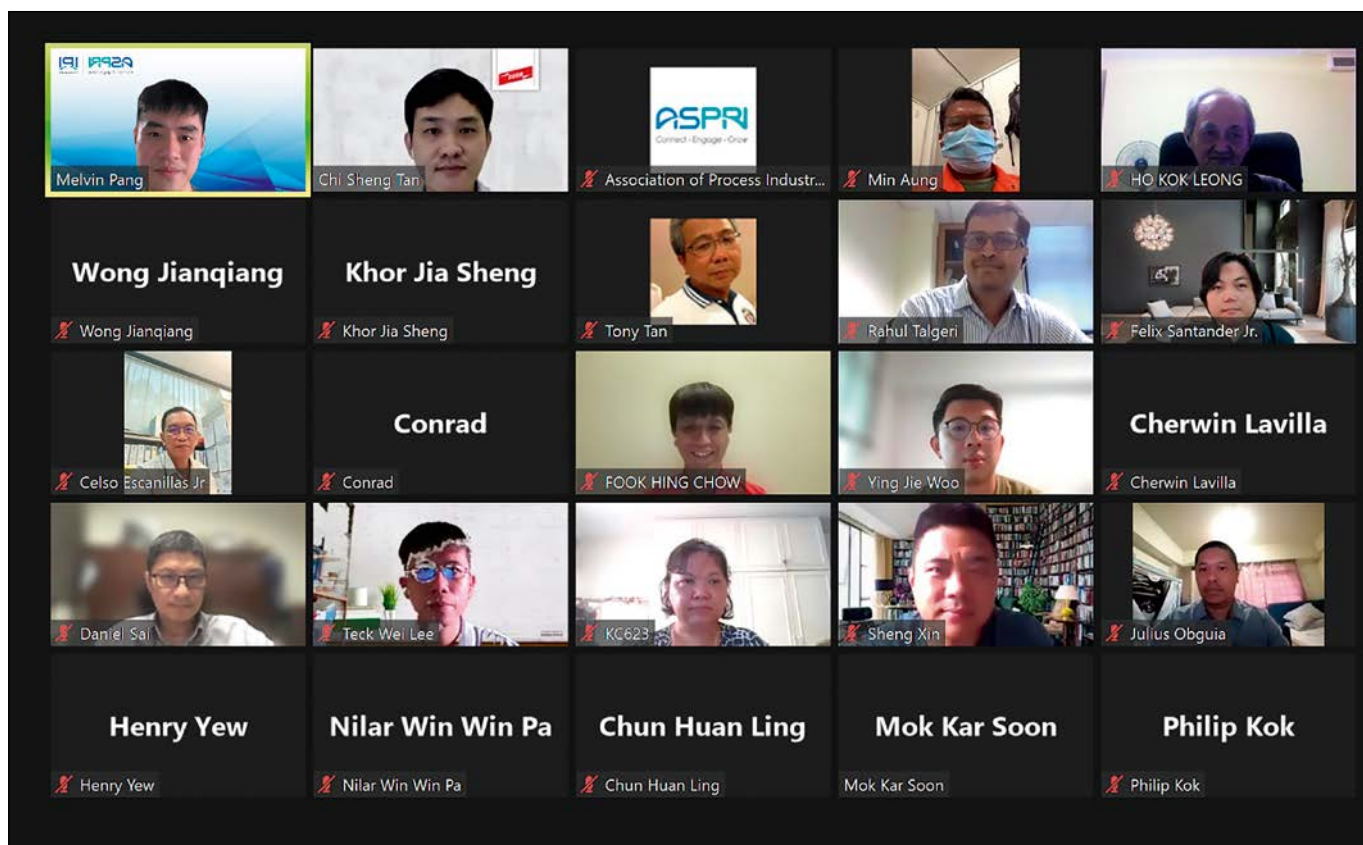
After which, Mr Tan shared on the mandatory requirement of Singapore Lightning Protection Standard SS 555 and its sub parts.

It covers the essentials of Lightning Risk Assessment (SS 555, Part 2) and the respective counter measures to ensure human safety and system's efficient performance.

He also talked about Lightning Protection System design for hazardous zone (EX zone 1 and 2) and implementation of surge protection device for instrument and control/monitoring system which is required to protect electrical and electronic equipment even though external lightning protection is installed.

The webinar then transited into a Q&A session where attendees managed to ask questions and clarify their concerns about SS 555.

ASPRI would like to thank both our members and DEHN (SEA) Pte Ltd for making this webinar possible. We hope the attendees found it to be beneficial and valuable.



CARBON MANAGEMENT WORKSHOP

19 November 2021, Friday

Always been the main priority, but in recent times, sustainability has started to become a rising concern. With the Singapore Green Plan 2030, more businesses are moving towards reducing operating costs and gaining a competitive advantage by going green!

Be it if you are operating a small business or working for a large corporation, finding measures that reduce costs and increase sustainability should be a big part of your business plan! As such, ASPRI is grateful to have collaborated with **Carbon Pricing Leadership Coalition (CPLC)** in organising a 1-day Carbon Management Workshop.

The workshop started with an opening address given by **Ethan Chia, Programme Manager of ASPRI**, who oversees Sustainability and Digitalisation for the Association. He briefly shared on the vision of ASPRI and how the Association is trying its very best to support member companies on their sustainability journey.

Dr Ryal Wun, Managing Director of CPLC Singapore, took over to introduce CPLC and shared a video on what greenhouse effects and climate change is all about. He further shared on what are emissions and the 4 pillars of sustainability which are Business Human Rights, Labour, Anti-Corruption and Environment. Other topics on carbon footprint, carbon pricing, carbon credits and many more were also shared.

After which, **Gabriel Tan, Assistant Manager (Upskilling & Recognition) of CPLC Singapore** shared in detail the benefits of using the Carbon & Emissions Recording Toll (CERT) tool. With the CERT tool, members will be able to calculate their carbon footprint as well as to measure the progress on emission reduction across a period of time.

After lunch, CPLC Singapore invited 3 guest speakers who are sustainable solution providers to share on sustainability solutions which members can adopt. The 1st speaker was **Mr Leela Krishna Sriramula, Co-Founder and Chief Business Officer of SpaceAge Labs**. Mr Leela shared on how IOT and AI can help improve resources efficiency and regulatory compliance.

The 2nd speaker was **Mr Leonard Chen, Sales and Marketing Manager of Uniweld Products (USA)**, shared on

the different types of products and services that are available such as Augmented Reality (AR) and Artificial Intelligence (AI) Process Automation, Productivity Enhancement Technology, Induction Heating System, Additive Manufacturing, Air Quality Management System and more!

The 3rd and last guest speaker, **Mr Kang Jen Wee, Founder and CEO of T.RECs.ai** then further shared on the difference between ESG and Greenwashing. He also briefly talked about the myths about zero carbon and how we can be powered by 100% renewal energy and more.

Following which, all participants were broken up into different breakout rooms where an interactive discussion was conducted to gather feedback and comments from the participants of different companies. It was great to see how everyone participated and gave their feedback on how their company can reduce emissions and to share the type of innovations that their company requires to help reduce emissions.

The workshop ended with a Q&A session followed by a summary of the whole workshop. ASPRI would like to thank CPLC Singapore and all the speakers for making this workshop possible! Last but not least, we would also like to thank our very supporter and co-sponsor of this workshop, Employment and Employability Institute (e2i). It was an insightful sharing and I believe our members have a better idea of how they can better manage, track and improve their carbon emissions.



CYBERSECURITY BEST PRACTICES & MANAGING DATA PRIVACY RISKS

26 January 2022, Wednesday

Following the launch of the Process Construction & Maintenance (PCM) Industry Digital Plan (IDP) last year, the Association continues to advocate for the adoption of digitalization. With most digital tools available online, there is an increased dependency on the Internet to perform day-to-day operations. While the nation is advanced in Internet connectivity than ever, the industry's cybersecurity practices are falling short.

To address the cybersecurity concerns and raise awareness of the industry, ASPRI collaborated with the Association of Information Security Professionals (AiSP) to organise a webinar on this very topic. It aimed to provide insights into the best cybersecurity practices and how to manage data privacy risks.

In the first part of the webinar, Ms Faith Chng, AiSP EXCO Member, shared on the common cyber risks. They included ransomware, phishing, data leakage, hacking, and insider threats. Ms Chng explained that a cybercriminal first gathers information before developing a relationship with a victim. Once a relationship is formed, they then exploit any identified vulnerabilities and execute their cyber-attack.

Next, Mr Philip Ng, Co-founder, and CEO of BitCyber, shared a study from Gartner, highlighting 91% of cyber-attacks start from phishing. It was also revealed a total of \$2.29 million in fines were issued by the Personal Data Protection Commission (PDPC) for Personal Data Protection Act (PDPA) breaches in Singapore from 2019 to 2021.



Mr Ng highlighted the importance for companies to appoint a data protection officer. Failure to do so will result in a fine from PDPC. He then shared various case studies which supported this claim. The case studies revealed no data were lost but the companies were fined for negligence and poor cybersecurity practices. He also shared a suite of data protection solution. It included Bitdefender, Actifile, and mamori.io, each protecting different types of data.

Finally, ASPRI would like to express our gratitude to our members for their attendance and commitment towards cybersecurity. We would also like to thank AiSP for collaborating with us. We hope to see you in future events!



PROPER DISPOSAL OF IT ASSETS & SAFEGUARDING OF DATA

9 February 2022, Wednesday

An e-waste management system is established in 2021 by the Government to build on existing voluntary e-waste recycling initiatives in Singapore through the Extended Producer Responsibility (EPR) framework. Under this framework, producers of covered electrical and electronic equipment will be required to take on responsibility for their products to be properly recycled upon reaching their end of life, by fulfilling e-waste collection targets and channelling the e-waste collected to formal recyclers. ASPRI is pleased to partner with Metalo International to organise a webinar on **'Proper Disposal of IT Assets & Safeguarding of Data'** to discuss the importance of proper IT Assets Disposition (ITAD).

Mr. Benny Cheng, Vice President of Metalo shared that ITAD is important especially data security as data breaches could occur if the data in a hard drive is not properly deleted when disposed of and information getting into wrong hands which could lead to theft and fraud for both customers or employees. Compromising of personal data that could leads to severe breaches and may get into legal trouble with the authorities. Additionally, security breach could disrupt business operations and lead to bad reputation if any incident such as customer data lost or stolen.

Therefore, to ensure the proper and secure, ITAD providers use certified recyclers to have a complete data erasure by physically destroying the hardware or by degaussing, which electronically removes the magnetic field of a disk or hard drive using a special device. This is secure way to ensuring a total data deletion.

Hence, it is advisable for organisations to work with ITAD providers which specialises in the process of streamlining the disposition as the devices may contain heavy metals, chemicals and other materials that could be harmful to the environment when disposed of in a landfill which could leak into the ground and affect water sources. The ITD providers typically provide the secure destruction of data and environmentally friendly e-waste recycling.

To know more, please click [here](#) to view the presentation deck.

Finally, ASPRI would like to express our gratitude to our members for their attendance. We would also like to thank Metalo International for collaborating with us. We hope to see you in future events!



UPDATE YOUR KNOWLEDGE ON CHINESE METAPHYSIC

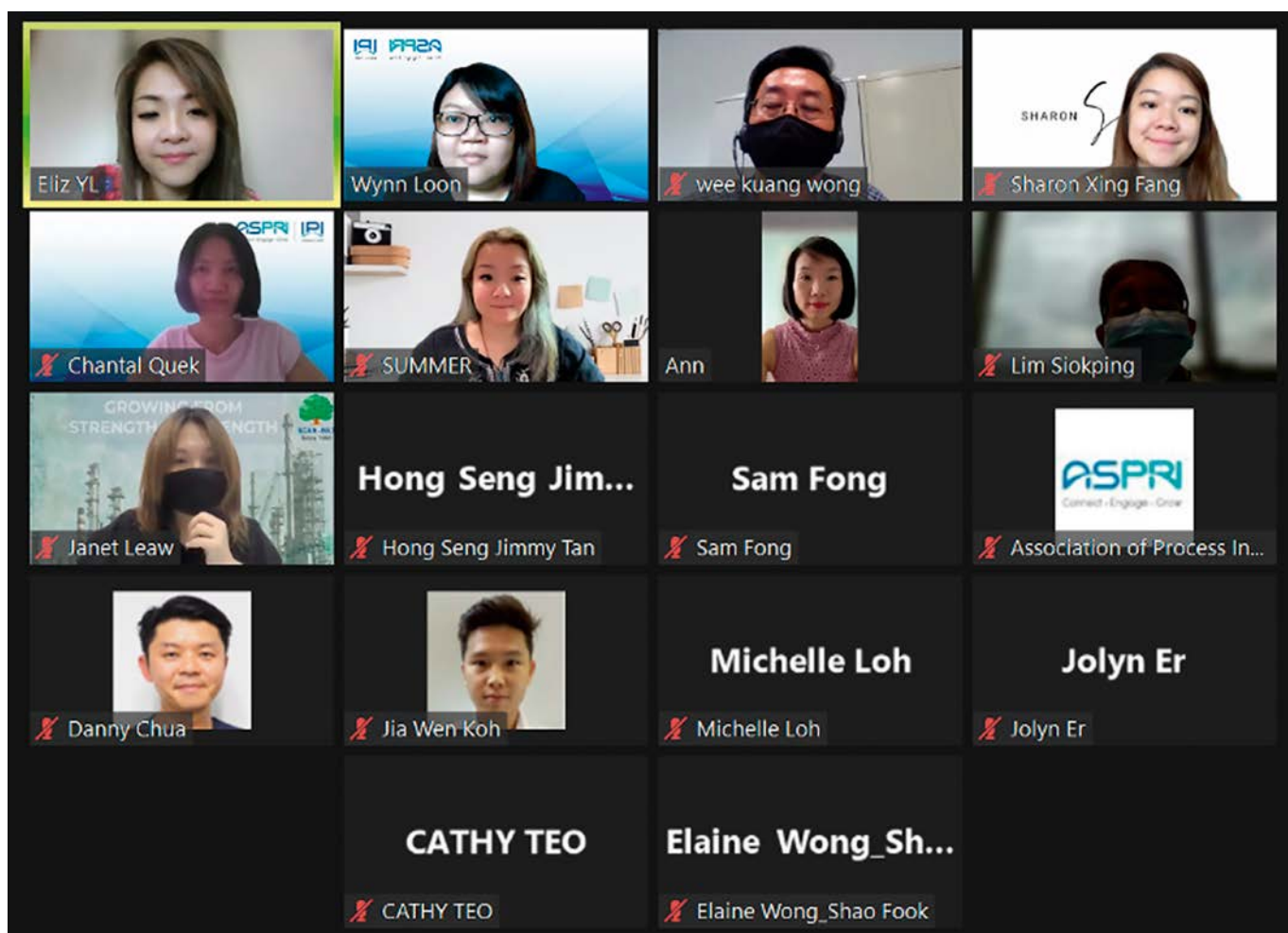
15 February 2022

In light of Lunar New Year spirit and to welcome the Year of Water Tiger, ASPRI is pleased to conclude a webinar to impart knowledge of 'Chinese Metaphysics' to our members for their interest.

Our speaker, Master Eliz introduced the participants about 'Bazi' - An ancient Chinese traditional practice that helps to know about self and knowing the element which uses energy forces to harmonise individuals with their surrounding environment. Our participants were

actively engaged to understand the different elements under 'Bazi' and the methods to calculate what elements they belonged to with their date of birth and the relations between different elements of 'Water, Earth, Wood, Fire and Metal'. Master Eliz also shared with the participants what to expect in the Year of a Water Tiger.

ASPRI would like to thank all participants for their support and participation, and we look forward to organising more events in the near future.



ASPRI 25TH ANNIVERSARY GOLF TOURNAMENT 2022

18 February 2022

We are delighted to conclude ASPRI's 25th Anniversary Golf Tournament at the Singapore Island Country Club, where we teed-off our very first interactive, fun, and physical networking session since COVID-19.

This event is part of ASPRI's 25th anniversary celebration and is one that has been long anticipated by our members since the last golf tournament we organised. Despite instituted numerous safety protocols, it did not dampen the spirits of about 130 enthusiastic golfers who took part in the tournament. Our avid golfers were enthralled with the game as all 32 flights were snapped up in just a short span once the registration was open.

Mr Danny Chua, Organising Chairman and Secretary of ASPRI's 13th Executive Council shared, "The situation with COVID-19 is a true resilience and continuity test for many industries. While we put health first, we also want to support our members in ways it is possible in the current situation. We strived to ensure that the event supported our members and partners in the best possible way to grow their businesses again. On behalf of ASPRI, I would like to congratulate all the participants on their fantastic performances this afternoon. I hope that everyone had a great time networking while having fun. This has always been and remains very important to ASPRI and all our stakeholders – to have the opportunity to experience this camaraderie. I look forward to more future collaborations and to continuing the support."

We would also like to thank our key council members, Mr Charles Quek, President of ASPRI and Mr James Goh, Immediate Past President of ASPRI for hosting the VIPs golfers, Mr Damian Chan, Executive Vice President of EDB and Mr Andrew Lim, Council Member of SCIC respectively.

Congratulations to all the winners of the tournament!

Last but not least, a big thank you to our generous sponsor, Swagelok Singapore and to everyone for making this event a great success. This event takes us to the next level and create a memorable experience for all.

ASPRI is looking forward to organising more upcoming events to commemorate our 25th Anniversary this year.

1st Place: Kim Tae Jung
2nd Place: Thong Tuck Seng
3rd Place: Rajesh

Novelty Award Winners

Nearest to Line: Liang Weh Min
Nearest to Pin: Eddie Chua
Nearest to Pin: Mark Chia
Longest Drive: Deng Jian Ping



ENTERPRISE & WORKFORCE TRANSFORMATION

23 February 2022, Wednesday

As an advocate for growth and transformation, ASPRI firmly believes the way to progress collectively is by developing business growth capabilities. With rising business cost, manpower shortages, and disruptions to the hiring process caused by COVID-19, the need to transform one's business model is more prevalent than ever.

To help our member companies in their transformation journey and encourage the next phase of growth, ASPRI has partnered with Enterprise Singapore (ESG) and Workforce Singapore (WSG) and organised a webinar to share on the various support they can tap on.

Firstly, ESG introduced its Enterprise Leadership for Transformation (ELT) Programme. It is a 1-year programme which supports promising small and medium-sized enterprises

(SME) leaders in their business transformation goals through modular learning and business coaching. First announced by Deputy Prime Minister Heng Swee Keat at Budget 2020, the ELT Programme is administered by a network of partners including Institute of Higher Learning (IHL), financial institutions and industry experts.

Mr Lawrence Nah, General Manager of Shing Leck Engineering Service Pte Ltd, shared his experiences of undergoing the ELT Programme (NUS). "As an SME leader, it can be a lonely experience at times. After enrolling into the programme, I realized there were so many of us out there. There was a sense of camaraderie and I felt at ease knowing we were all in it together," Mr Nah said. Despite the 1-year commitment, he was grateful to have undergone the programme as he found it to be enriching experience.

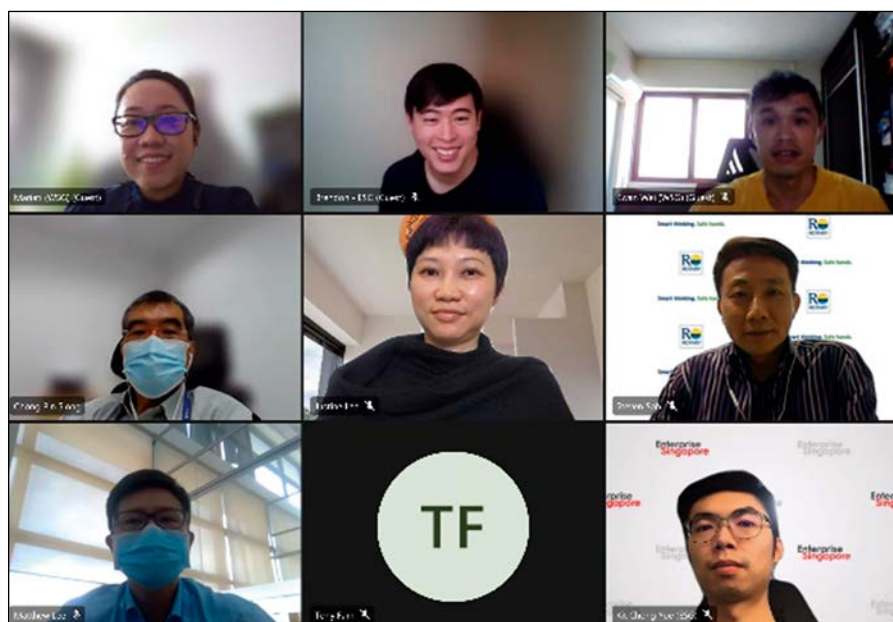
WSG then shared on three programmes for workforce transformation. Firstly, the Productivity Solutions Grant (PSG-JR) encourages companies to implement Job Redesign (JR) initiatives, with support from pre-approved JR Consultants to redesign work processes, tasks, and responsibilities. This

helps companies to enhance quality of jobs, making jobs more productive and attractive for employees, and allows companies to drive business and workforce transformation.

Next, the Career Conversion Programme (CCP) trains and facilitates the placements of mid-career switchers to meet one's business needs. It is a career conversion programme for professionals, managers, executives, and technicians (PMETs) and Rank-and-File (RnF) workers to undergo skills conversion and move into new sectors or job roles with good prospects and opportunities for progression.

Last but not least, the Capability Transfer Programme (CTP) seeks to improve local-foreign workforce complementarity by facilitating the transfer of capabilities from foreign specialists to locals. This encourages companies to develop and acquire new capabilities in Singapore by ensuring that there is sustainable supply of Singaporeans with the requisite skillsets. For funding and more details, please refer to this deck.

ASPRI would like to thank our members, ESG, and WSG for making this webinar possible. We hope to see you in future events!



BRIEFING ON PRIMARY CARE PLAN FOR MIGRANT WORKERS

2 March 2022

From 1 April 2022, employers that hire migrant workers (MWs) will be required to purchase a Primary Care Plan (PCP) as part of work pass requirements for Work Permit and S Pass holders who live in dormitories. ASPRI, together with the Ministry of Manpower (MOM), and supported by Anchor Operators in the west: Fullerton Healthcare Group, and St Andrew's Mission

Hospital (SAMH), engaged with our members on Wednesday afternoon to provide them with an overview of the PCP.

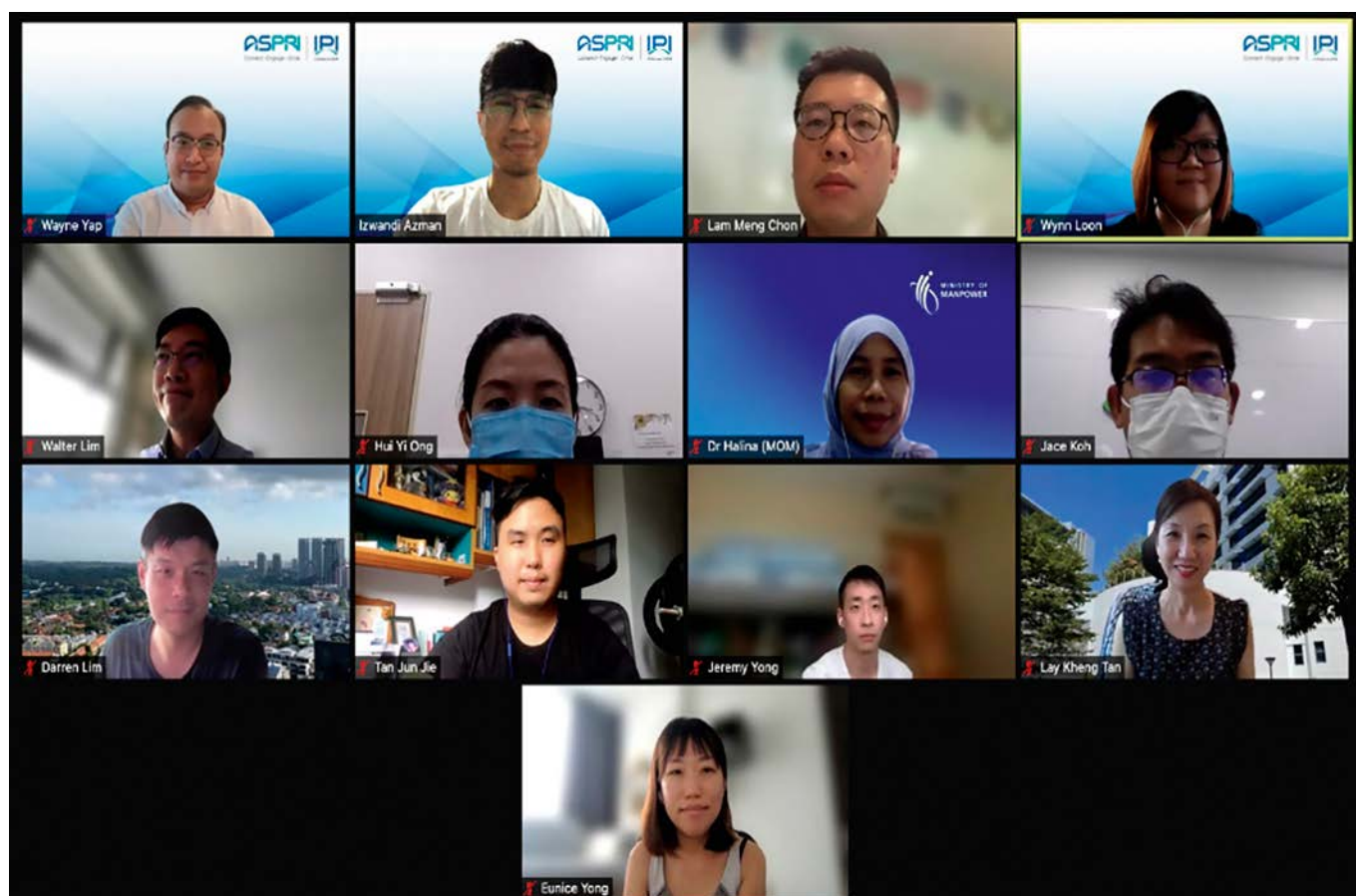
MOM revamped the primary healthcare system for migrant workers to improve care accessibility and affordability and fortify the system against future disease outbreaks. It covered most of the MWs' primary care needs, including the medical examination for work pass application or renewal, unlimited acute or chronic medical consultations and treatments, 24/7 telemedicine services, annual basic health screening, and scheduled conveyance to and from dormitories and MOM medical centres within each geographical sector.

Employers of eligible newly arrived MWs, or of existing MWs who renew their work passes or change employers, must purchase the PCP before the new work passes can be

issued. As shared, employers are expected to save about 54% when compared to an average outpatient (primary care) group insurance annual premium of about \$280, or about 27% when compared with the annual cost of GP consults for each worker.

With the PCP, workers will be able to receive quality healthcare that is easily accessible while at the same time ensuring medical costs are kept affordable for employers. All eligible existing MWs must have a valid PCP by **31 March 2023** even if their work passes are due for renewal after that date.

ASPRI would like to thank our members, MOM, Fullerton Health and SAMH for making this webinar possible. We hope to see you in future events



THE SMARTER WAY OF EQUIPMENT RENTAL

23 March 2022

It is only common that there is a need for ASPRI members to require specific equipment for the fulfilment of certain projects. However, purchasing them just to use on a project-by-project basis may not be financially viable.

As part as ASPRI's role to facilitate growth opportunities for our members, we were pleased to work with Antbuildz, to organise a webinar about online equipment rental. Antbuildz is an online rental platform that seamlessly connects equipment suppliers and users in just a few clicks. Not only does online equipment rental saves money for businesses, but it makes equipment rental smarter, faster, easier, and safer.

Mr Kek Hean Hooi, CEO of Antbuildz, opened the webinar by explaining that the COVID-19 pandemic has caused the nation's gross domestic product (GDP) to drop by about 80%. In adherence to safety regulations, businesses that still rely on face-to-face business development are unable to procure new customers.

Next, Mr Kek shared that for every crisis, there will be new opportunities arising. There are more and more companies adopting Cloud Solutions which digitalises the way they work. The pandemic forced companies to take up technology in a faster pace than ever. Robotic and technology companies are on the rise to try and solve the manpower issues, which makes jobs easier than ever, especially regarding safety management.

Construction equipment rental was estimated to be up to S\$500million per annum from small equipment such as forklift and generators to big equipment such as crane. Based on the Mobile Elevated Working Platform, Singapore's rental market is one of the most matured and competitive rental market in the world. However, the rental process in Singapore is no different as that from a third-world country. He explained the process of the traditional rental process the problems that current renters faced. Equipment suppliers also face unprecedented situations in the current market where they do not have enough technician and marketing professionals to run their business.

Mr Kek strapped on the participant's thinking cap by asking them to reimagine a better way of rental equipment and asked if they would still want to use the same traditional method of renting equipment three to five years later.

Antbuildz.com is then introduced to the participants with mentions about digitalising the traditional way of rental and seamlessly connect equipment suppliers and users in just a few clicks. Instead of repeating steps to research for a supplier, request for a quotation, and doing a clarification and comparison for every equipment, Antbuildz.com is able to display these information on their webpage more effectively and safely. Online equipment rental is not new in other corner of the world but is new in Southeast Asia, and that Antbuildz.com is the first company to complete a online transaction in Southeast Asia. The adoption of online rental is not about to happen but is already happening in the new normal. Digitalisation of the rental will create a greater sustainable impact on the ecosystem as traditional rental will require companies to print 6-7 papers for a single rental compared to 0 for Antbuildz.com.

Mr Kek ended off by saying that the world is moving ahead, and we cannot be status quo. Companies are quite resistant to digitalisation, and he encouraged companies to explore websites on whether digital solutions assist with the day-to-day operations and companies can move on from there.

ASPRI would like to thank Antbuildz for sharing with our members on Online Equipment Rental platform and how it could help to push the industry forward.



EMPLOYMENT ACT AND ITS PRACTICAL APPLICATION

20 April 2022, Wednesday

In view of the recent changes to the Employment Act, this webinar covers the updated changes, including the different type of liability and duties under the Act and claims benefit and the recent addition of benefits for employees during this pandemic.

To help our members better understand Employment Act and its Practical Application for Local and Foreign Employees, ASPRI organised a webinar which covered its purpose and how it helps to understand the various benefits and Employment Act. The webinar was led by Mr David Shanmugam, Counsel of Netto & Magin LLC.



Mr Shanmugam started off by mentioning the various benefits employees should get under the Contract of Service, which includes annual & medical leaves and basic medical benefits. He also added on a few scenarios for Termination of Service, such as employers cannot reject one's resignation notice. Finally, he touched on a few guidelines on the dismissal grounds and what employers should be aware of.

ASPRI would like to once again thank our members who attended today's webinar and we look forward to seeing everyone in future events. To view the webinar slides, please click on the link here.

STRATEGIC COMPETITIVE ADVANTAGE FOR SMES IN THE NEW NORMAL

4 May 2022

The Government unveiled the Singapore Green Plan 2030 on 10 Feb 2021, a "whole-of-nation movement" to advance the national agenda on sustainable development. The plan, which is spearheaded by the Ministry of Education (MOE), the Ministry of National Development (MND), the Ministry of Sustainability and the Environment (MSE), the Ministry of Trade and Industry (MTI) and the

Ministry of Transport (MOT), charts Singapore's green targets over the next ten years.

As part as ASPRI's role to facilitate growth opportunities for our members, we were pleased to work with Oriel Group, to organise a webinar on Imperative Competitive Advantage for Business in the New Normal.

Mr. Wee Chin Chuan, Director of Oriel Group of Companies, started off by splitting his presentation into two segments, **firstly on explaining what Sustainability is about, and secondly on ESG opportunities for SMES**. To define Sustainability in the layman term, Mr Wee shared on the 3" P" s as the guiding principle: People, Planet and Profit.

Next, Mr Wee shared more on the United Nations Sustainability Development Goals (SDG) and how it acts as a blueprint to achieve a better and more sustainable future for all. He also talked about the outcome of the

COP21 that was held in Paris, and **Singapore's commitment to COP26**. This includes the Green Plan 2030, which aims to halve 2030 peak emission by 2050, and to reach net zero as soon as possible after that. To put the Carbon reduction plan into action, Singapore launched the Carbon Tax and Carbon Credits initiative.

Moving on to the second portion of the webinar, Mr Wee introduced on the opportunities for SMEs, which includes Ms Grace Fu, Minister for Sustainability, and the Environment's speech on including **"more sustainable requirements into tenders"**. This includes a few case studies on the impact of SMEs, where companies shared on their increased effort towards sustainability.

Mr Wee then touched on two case studies; firstly, on **SK Ecoplant's ESG Strategy** to go global and take initiative in solving environmental problems in Asia. The strategy includes taking on Environmental Projects,

STRATEGIC COMPETITIVE ADVANTAGE FOR SMEs IN THE NEW NORMAL

4 May 2022 - Cont'd

supplying new energy for energy transition, as well as a project collaboration with HSL Constructor to explore opportunities for fuel cell technology. The next case study is on the **Sustainability Project in Tuas Nexus, Singapore called the Integrated Waste Management Facility (IWMF)**, where NEA has raised \$1.65billion from maiden green bond to finance the agency's development of sustainable waste management infrastructure.

To start the journey on sustainability, Mr Wee proposed five steps: Identify and list down stakeholders, Engage and discuss with stakeholders to identify and shortlist material



topics, Tabulate the utility bills for the past 3 years, evaluate top 10 suppliers' ESG practises, and lastly, to frame the company's ESG strategic plan. In the final segment, Mr Wee shared on the **Government Grant and Incentives available to support SME's sustainability initiatives**.

To end off, Mr Wee stressed that **members should not wait for their clients to tell them what to do before they start acting on it. Members must be fundamentally prepared for the Sustainability Road**

ahead. ASPRI also invited Mr Danny Chua, Secretary of ASPRI 13th Executive Council to deliver the closing speech for the webinar. During his closing statement, Mr Chua seconded Mr Wee's point and shared on some key initiatives that ASPRI will be spearheading to prepare our members for the future.

For more information, you may refer to the presentation slides here. ASPRI would like to thank our members and Oriel Group for making this webinar possible. We hope to see you in future webinars!

ASPRI SOCIAL NIGHT 2022

18 May 2022

After more than 2 years, ASPRI finally hosted our first face to face social night at Kanpai 789. With more than 140 attendees from 69 member companies, it took a short while for them to warm up their engines as the attendees mingled freely amidst a free flow of beer, wine, and food.



The highlight of the evening was a beer drinking relay featuring ASPRI team versus a members' line up. Ultimately, the members line up won the relay at an impressive 91 seconds and walked away with a bottle of Glenlivet 12 Year Single Malt.

ASPRI would like to thank our members and Kanpai 789 for making this Social Night a success and we hope to see you again in the future!

ASPRI ANNUAL GENERAL MEETING (AGM) 2022

20 July 2022



Following a two-year hiatus, The Association of Process Industry (ASPRI) convened an in-person Annual General Meeting (AGM) at Grand Copthorne Waterfront Hotel which was well attended by approximately 80 individuals from 61 member companies.

Mr Charles Quek, President of ASPRI's 13th Executive Council, commenced the AGM and in his opening address highlighted key achievements throughout the association's 25-years journey. Charles further outlined the evolution of the industry and the need for ASPRI and members to pivot towards a greener future.

Charles concluded his address by expressing his heartfelt gratitude; "As this is my last message as President, I like to seize this opportunity to thank the many wonderful people I have had the pleasure to work with, within ASPRI and in the larger process industry and the PCM sector and in Government, during my 20 years in the Executive Council, including the last 10 years as President. ASPRI has had many challenges over the years, but you have come alongside to journey with me. With your support, we have helped built ASPRI into an organisation we can all be proud of."

The Passing of Resolutions & Dialogue Session

The AGM saw the passing of resolutions which includes ASPRI's 14th Executive Council headed by a new president, Mr Danny Chua.

After the AGM was officially closed by Mr Chua, each of the newly-elected Council Member took the chance to share with the members on what they would like to achieve during their tenure as ASPRI's 14th Executive Council.

ASPRI would like to thank all members and stakeholders for taking time to attend the AGM, as well as your continuous support over the past years. ASPRI will continue working together with our members to achieve the transition for a greener and more sustainable future.

ASPRI 25TH ANNIVERSARY GALA DINNER 2022

20 July 2022

ASPRI celebrated its 25th Anniversary on 20 Jul 22 at the Grand Copthorne Waterfront. The gala dinner was graced by Guest-of Honour, Dr Tan See Leng, Minister for Manpower and, Second Minister for Trade and Industry, in the presence of over 600 guests.

The gala commenced with a spectacular laser show unveiling ASPRI's tagline: "towards **A Sustainable PROcess Industry**" signifying ASPRI's aspirations for the process industry.

Attuned to the theme of sustainability, the first recycled repercussion group in Singapore showcased a drumming performance using reused materials from the industry such as steel and PVC pipes, wire mesh, contributed by one of its member companies, Mighty Engineering Pte Ltd.

Mr. Danny Chua, the newly elected 14th ASPRI President, in his maiden speech, shared the optimism with members before launching a video to commemorate ASPRI's 25th Anniversary.

The key highlight on the evening was the launch of the PCM Industry DRI.

The DRI aims to springboard the Process industry to a new level as the index provides guidance and industry benchmarking to each organisation along their digitalisation and sustainability journey.

This was the first mega dinner event post pandemic, members were enthralled and delighted as the festivities culminated with a flash mob dance.

ASPRI would like to thank all its distinguished guests, members, and generous sponsor.

Platinum Sponsor



Silver Sponsors



Bronze Sponsors



Door gift Sponsor



Token of Contribution



“

ASPRI has come a long way in the past 25 years. Today marks a pivotal point for ASPRI to work towards the industry's next 25 years growth. The road ahead for most part, is more ambiguous than clear. But with today's launch of our Digitalisation Readiness Index (DRI) and commencement of our 4C framework, we look forward to an exciting new chapter in our history as we celebrate the achievement of our past 25 years.

”



ASPRI 7TH LUNAR MONTH 2022 PRAYER

19 August 2022



In lieu of the 7th Lunar Month, ASPRI conducted a prayer session at the Trade Association (TA) Hub, marking the 25th year that the Association has celebrated this occasion.

In the morning, Executive Council (EC) members, staff, and members of ASPRI gathered at the basement of TA Hub to observe the 7th Lunar Month prayers. The prayer sessions were conducted by the Taoist priest-in-charge, Mr Koh Kim Tean. After the prayer sessions were concluded, Mr Koh led everyone to the TA Hub carpark where he initiated the burning of joss papers.

ASPRI would like to thank our members and the vendors involved in making this event possible. We were grateful to catch up with our loyal members and see their faces after a long time.

SEMINARS, COURSES, WORKSHOPS FOR ASPRI MEMBERS

SNAPSHOT
OF EVENTS
ORGANISED
AND
SUPPORTED
BY ASPRI
(SEP 21 – AUG 22)

S/N	NAME OF EVENT	DATE
1	ASPRI's 7th Lunar Month Prayer 2021	3-Sep-21
2	HRM Asia - HR Tech Festival Asia Online 2021	21-Sep-21
3	Stress Management for Migrant Workers	29-Sep-21
4	SGTech - Leverage on Cloud Technologies to Maximise Productivity	6-Oct-21
5	Bringing in Workers from Myanmar (SoilBuild)	6-Oct-21
6	Next Generation of Broadband Push to Talk Solution	13-Oct-21
7	Lightning & Surge Protection	17-Nov-21
8	Carbon Management Workshop	19-Nov-21
9	What Business Do I Have in Sustainability?	12-Jan-22
10	WSH Council - WSH Leadership Convention ChemPact 2022	20-Jan-22
11	Cybersecurity Best Practices	26-Jan-22
12	Proper Disposal of IT Assets & Safeguarding of Data	9-Feb-22
13	Update Your Knowledge on Chinese Metaphysics	15-Feb-22
14	ASPRI 25th Anniversary Golf Tournament 2022	18-Feb-22
15	JIVZ Group - Maintaining Confined Spaces & Mental Wellness	21-Feb-22
16	Enterprise and Workforce Transformation	23-Feb-22
17	Briefing on Primary Care Plan for Migrant Workers	2-Mar-22
18	SBF - Singapore Apex Business Summit	22-Mar-22
19	Is Online Equipment Rental becoming the new normal in Post Pandemic	23-Mar-22
20	Employment Act and its Practical Application	20-Apr-22
21	Sustainability – Imperative Competitive Advantage for Businesses in the New Normal	4-May-22
22	HRM Asia - HR Tech Festival 2022	11-May-22
23	ASPRI Social Night 2022	18-May-22
24	Sustainability and Energy Efficiency: Towards lowering carbon emissions (Singapore Polytechnic)	25-May-22
25	ASPRI Annual General Meeting 2022	20-Jul-22
26	ASPRI Gala Dinner 2022	20-Jul-22
27	ASPRI 7th Lunar Month Prayer 2022	19-Aug-22

ASPRI Organised Events

ASPRI Supported Events

MANAGEMENT TEAM

ASPRI 14TH EXECUTIVE COUNCIL

PRESIDENT
Mr Danny Chua
Managing Director
CYC International Pte Ltd



**IMMEDIATE
PAST
PRESIDENT**
Mr Charles Quek
Chief Executive Officer
HSL Constructor Pte Ltd



**HONORARY
PRESIDENT**
Mr James Goh
Chief Executive Officer
FRP Products Co. Pte Ltd



**HONORARY
MEMBER**
Mr Francis Tay
Director
Aedge Technologies Pte Ltd



**VICE
PRESIDENT**
Ms Grace Chia
*Deputy Executive
Chairman*
Rotary Engineering Pte Ltd



SECRETARY
Mr Steven Nah
Managing Director
*Shing Leck Engineering
Service Pte Ltd*



**ASSISTANT
SECRETARY**
Mr Daniel Ong
Director
*Mighty Engineering &
Construction Pte Ltd*



TREASURER
Mr Melvin Tan
Managing Director
*Cyclelect Electrical
Engineering Pte Ltd*



**ASSISTANT
TREASURER**
**Ms Huang
Wen Jia**
General Manager
Cuestar Industry (S) Pte Ltd



**COMMITTEE
MEMBER**
**Mr Cheng
Beng Kwang**
Director, Projects
PEC Ltd



**COMMITTEE
MEMBER**
Mr Loh Lock Mun
Director
FRP Products Co Pte Ltd



**COMMITTEE
MEMBER**
Mr Sumiya Takeshi
Managing Director
*Mirador Building
Contractor Pte Ltd*



CO-OPTED MEMBER
**Mr Fan
Ming Keong**
Managing Director
*Plant Engineering
Services Pte Ltd*



ASPRI'S SUB COMMITTEES

ASPRI MEMBERSHIP & GENERAL AFFAIRS COMMITTEE (MGAC)		
POSITION	NAME	COMPANY
Lead	Ms. Grace Chia	Rotary Engineering Pte Ltd
Co-Lead	Mr. Melvin Tan	Cyclelect Electrical Engineering Pte Ltd
Members	Mr. Steven Nah	Shing Leck Engineering Service Pte Ltd
	Ms. Huang Wen Jia	Cuestar Industry (S) Pte Ltd
	Mr. Francis Tay	Aedge Technologies Pte Ltd

AIRC – TECHNICAL ADVISORY COMMITTEE (A-TAC)		
POSITION	NAME	COMPANY
Lead	Mr. Loh Lock Mun	FRP Products Co. Pte Ltd
Co-Lead	Mr. Daniel Ong	Mighty Engineering & Construction Pte Ltd
Members	Mr. Danny Chua	CYC International Pte Ltd
	Mr. Fan Ming Keong	Plant Engineering Services Pte Ltd
	Mr. Steven Nah	Shing Leck Engineering Service Pte Ltd

ASPRI'S STRATEGIC THRUST WORKGROUPS

ASPRI YOUTH COMMITTEE (YC)

POSITION	NAME	COMPANY
Chairman	Mr. Steven Nah	Shing Leck Engineering Service Pte Ltd
Co-Chairman	Mr. Daniel Ong	Mighty Engineering & Construction Pte Ltd
Deputy Chairman	Mr. Andy Seah	HSL Constructor Pte Ltd
Deputy Chairman	Mr. Soon Wei Min	Mirador Building Contractor Pte Ltd
Members	Mr. George Lee	EBT Engineering Pte Ltd
	Mr. Tan Ping Hao Deacon	Ensure Equipment Pte Ltd
	Mr. Jeffrey Soon	Heatec Jietong Pte Ltd
	Mr. Seah Chee Wei	Jackson Supplies Pte Ltd
	Mr. Kenny Lee	Petracarbon Pte Ltd

KNOWLEDGE, EDUCATION, EXPERIENCE & NETWORKING (KEEN)

Objective Statement:

"Bringing members closer to Share, Learn and Grow Together"

POSITION	NAME	COMPANY
Chairman	Mr. Daniel Ong	Mighty Engineering & Construction Pte Ltd
Co-Chairman	Ms. Huang Wen Jia	Cuestar Industry (S) Pte Ltd

DIGITALISATION & INNOVATION TECHNOLOGY ADOPTION (DITA)

Objective Statement:

"To promote the Process Industry's adoption of Digitalisation, Innovation and Technology so as to enhance their productivity and competitiveness"

POSITION	NAME	COMPANY
Chairman	Mr. Steven Nah	Shing Leck Engineering Service Pte Ltd
Co-Chairman	Mr. Sumiya Takeshi	Mirador Building Contractor Pte Ltd
Member	Mr. Cheng Beng Kwang	PEC Ltd

GOVERNMENT ADVOCACY (GA)

Objective Statement:

"To facilitate change and the development of new areas of policy, in order to maintain global competitiveness, productivity and business sustainability and to deal with emerging challenges to the engineering service providers in the process sector."

POSITION	NAME	COMPANY
Chairman	Ms. Grace Chia	Rotary Engineering Pte Ltd
Co-Chairman	Mr. Melvin Tan	Cyclelect Electrical Engineering Pte Ltd
Members	Mr. Steven Nah	Shing Leck Engineering Service Pte Ltd
	Mr. Cheng Beng Kwang	PEC Ltd
	Ms. Huang Wen Jia	Cuestar Industry (S) Pte Ltd

SUSTAINABILITY CHAPTER

Objective Statement:

"A derivative of "Towards a sustainable Process Industry" "

POSITION	NAME	COMPANY
Chairman	Mr. Melvin Tan	Cyclelect Electrical Engineering Pte Ltd
Co-Chairman	Mr. Steven Nah	Shing Leck Engineering Service Pte Ltd
Members	Ms. Grace Chia	Rotary Engineering Pte Ltd
	Mr. Sumiya Takeshi	Mirador Building Contractor Pte Ltd
	Ms. Huang Wen Jia	Cuestar Industry (S) Pte Ltd
	Mr. Francis Tay	Aedge Technologies Pte Ltd
	Mr. Cheng Beng Kwang	PEC Ltd
	Mr. Daniel Ong	Mighty Engineering & Construction Pte Ltd

ASPRI ORGANISATION CHART

Accurate as of 25 August 2022.

ASPRI 14TH EXECUTIVE COUNCIL

Mr Wayne Yap
Executive Director



Finance

ASPRI Secretariat

Mr Lung Sze Wynn

Finance & Human
Resource Manager



Ms Chantal Quek

General Manager
ASPRI



Ms Karin Choong

Assistant Manager
Accounts



Mr Kenneth Lee

Senior Executive



Mr Chong Sai Yann

Industry Transformation
Advisor



Mr Lee Kwok Fai

Assistant Manager
Accounts



Ms Tan Pei Ni

Senior Executive



Ms Ivy Loo

Senior Executive
Accounts & HR



Mr Wong Jun Yuan

Senior Executive



Mr Amos Ngah

Senior Executive



Mr Neo Cheow Lang

Trainer (Contract)



Mr Peter Ho

Trainer (Contract)



Mr Tham Kok Cheong

Trainer (Contract)



Executive Director, Mr. Wayne Yap, leads the team with the support of 32 employees.

The ASPRI Secretariat team assists in the strategic direction of the EC through forging more alliances and strengthening its collaboration with industry partners to deliver value-added initiatives for members.

ASPRI-IPI enhances the opening standards and employability of the workforce in the Process Industry through various skills upgrading initiatives.

Programme

ASPRI-IPI

Mr Ethan Chia
Programme Manager



Ms Caphine Lee
General Manager
ASPRI-IPI



Mr Bryan Lowe
Digital Transformation
And Innovation Manager



Mr Cai Hong Wei
Senior Centre Manager



Mr Chris Lim
Chief Specialist
Training Specialist Unit



Ms Joyce Tee
Assistant Manager
Technical Training Specialist Unit



Ms Ashwini Nilofer
Assistant Manager
Service Quality Unit



Mr Pandian Palaniyandi
Specialist, WSH
Training Specialist Unit



Mr Marcus Ong
Executive
Technical Training Support Unit



Ms Bryna Ho Mun Theng
Executive
Service Quality Unit



Mr Prasad Bokka
Specialist, Process Skill
Training Specialist Unit



Ms Gwen Wong
Executive
Technical Training Support Unit



Mr Melvin Ng
Executive
Service Quality Unit



Mr Eric Koh
Specialist, WSH
Training Specialist Unit



Ms Bryana Ong
Executive
Technical Training Support Unit



Ms Teo Jia Yi
Executive
Service Quality Unit



Mr Warren Tan
Specialist, Process Skill
Training Specialist Unit



Mr Devadason Edmund Daniel
Curriculum Developer
Training Specialist Unit



ASPRI MEMBERSHIP

Categories

ASPRI members support the Process Industry in the areas of Plant Construction and Maintenance (PCM). Our members offer an extensive range of engineering services, across the domains of mechanical, electrical and civil engineering.

Membership is open to companies that are affiliated to the Process Industry (namely the petroleum, petrochemical, specialty chemical and pharmaceutical clusters).

ASPRI has two types of membership:

- **Corporate Membership** – For companies which are involved in PCM activities
- **Associate Membership** – Partners / companies who are indirectly associated with the process industry such as vendors, equipment supplies, banks, etc

Required Supporting Documents for Membership Application

- Application Form
- Original and updated print-out from Singapore ROC (most recent but not more than six months earlier)
- A certified true copy of contract (by the MD/CEO/Chairman/GM) with a process company – (Only Applicable to Corporate Membership)
- Applicant company should have two ASPRI Corporate members (that should have good standing and been members for at least three consecutive years) to propose and second their application for membership in writing. – (Only Applicable to Corporate Membership)

Membership Fees

Type of Fee	Membership Type	
	Corporate	Associate
Entrance (One-time)	S\$4,000	S\$1,800
Annual subscription	S\$1,200	S\$1,080

(All fees are subject to prevailing GST rate)

A company which is applying for membership is required to pay a one-time entrance fee and the annual subscription. The subscription fee will be prorated from the month its membership begins until the end of the Association's financial year in March.

Renewal of Membership

Membership subscription will be renewed automatically on an annual basis every April. One month's notice has to be given in writing to ASPRI if any member company wants to withdraw its membership. Payments are to be made payable to "ASPRI".

Members should attend no fewer than three events organised by ASPRI, including talks, seminars, networking sessions, dialogue sessions and etc, during the preceding year to qualify for renewal of membership for another year.

For further information, please contact Ms. Pei Ni at Tel: 6560 5051 / Fax: 6560 9692 or email peini@aspri.com.sg.



MORE THAN
500
MEMBERS
COMPANIES

VISION

TO BE A VISIBLE AND CREDIBLE
PARTNER IN THE PROCESS
INDUSTRY



Membership Privileges



Business Networking

Enjoy exclusive invitation to our growing list of industry and business networking events:



Process Industry dinners & celebrations



Business networking activities organised in co-operation with other Trade Associations & Chambers (TACs)



Discounted rates to participate in various industry trade exhibitions and conferences



Overseas business study missions at concessionary rates



STAFF STRENGTH

32
STAFF

MORE THAN

50

ASSOCIATE TRAINERS

ASPRI Secretariat and ASPRI-IPI



Industry Representation

ASPRI works effectively to represent members' interests at various levels of legislative process.



Qualify for the opening of Process CPF account - get to employ PCM Work Permit Holders (WPHs) (Corporate Members only)



Qualify for low levy conversion for your foreign workers (Corporate Members only)



Eligibility to house your PCM WPHs with Jurong Island (JI) passes at ASPRI-Westlite Dormitory - Papan (Corporate Members only)



Have the right to vote at all general meetings and hold offices in the Executive Council (Corporate Members only)



Obtain regular updates on industrial information & assistance programmes including policy changes



Address your concerns through closed-door dialogue sessions



Knowledge Transfer

ASPRI seeks out capability development opportunities and offers updated information.



Benefit from industry upgrading initiatives embarked by the Process Construction & Maintenance Management Committee (PCMMC) and Productivity Council (PC)



Gain access to a library of information that includes productivity improvements initiatives



Exclusive invitation to curated workshops and seminars



Opportunities to discover and understand digitalisation tools



Training

Through our training division, ASPRI-Institute of Process Industry (ASPRI-IPI),



Members can enjoy discounts¹ on selected training courses and rental of facility at ASPRI-IPI



Corporate members who house employees at ASPRI-Westlite Dormitory-Papan will get to enjoy up to 48 hours of heavily subsidised training courses.

¹ Details can be found at <http://ipi.org.sg>

ASPRI-IPI YEAR IN REVIEW FY 2021/22

1. EMBRACING TECHNOLOGY FOR TRAINING

IPI eConnect, ASPRI-IPI 2nd version eLearning mobile app. This new platform is designed to be user-friendly for our Process workforce. Among its features are digital safety passport, company bulk registration and payment gateway.

ASPRI-IPI has offered FREE E-LEARNING COURSES on **IPI eConnect** for all PCM workers since the Circuit Breaker and for those serving Stay-Home-Notice. The training statistic has shown the progressiveness and adaptability of PCM workforce in embracing technology for training.

Currently, Shell Seraya Jurong Island, Shell Bukom and Shell Tuas Lubricant have converted their Shell contractor training series in asynchronous eLearning via IPI eConnect.

IPI eConnect	FY20/21	FY21/22
Training headcounts	77,155	17,262
Training hours	199,720	40,566



IPI eCONNECT
"A companion to every PCM worker in learning and upskilling in Singapore"

An enhanced mobile app, allows Process workers to create their skill profiles, receive relevant news update and curated "on-demand" e-learning contents, to enhance knowledge retention.

For any enquiries or technical support, please write to enquiries@ipi.org.sg

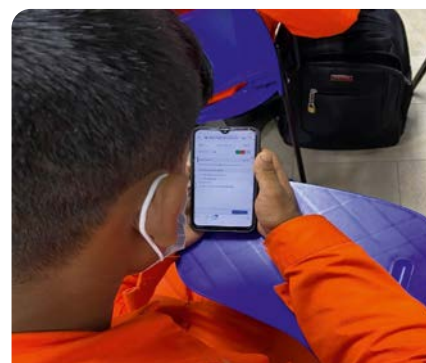
User Login: <https://ipieconnect.ipi.org.sg>
Company registration login: <https://company-econnect.ipi.org.sg/>

2. ENHANCING ASSESSMENT INTEGRITY AND AUTHENTICATION

As a creditable public training provider, there is strong need for security and integrity in assessment delivery, as well as in making, submission and storage of trainees' results. ASPRI-IPI uses Mettl AI proctoring software¹, which has been approved by MOM and adopted by numerous Institute of Higher Learnings and International Examination Boards.

1AI proctoring software makes video recordings of trainees sitting for their tests. The videos are then analysed by AI to spot possible misbehaviour like cheating using facial recognition, detection and eye tracking. Cheating behaviour can include trainees leaving the camera view for a few seconds.

ASPRI-IPI has successfully converted most of the mandatory safety courses and WSQ Process Skill courses to incorporate AI proctoring software for onsite and in-person assessment.



3. MENTAL WELLNESS PROGRAMME FOR PROCESS WORKFORCE

The prolonged movement restrictions have exacerbated migrant workers' feelings of segregation and despair. The social isolation has caused negative mental health outcomes, with more migrant workers experiencing symptoms of depression and anxiety.

ASPRI-IPI engaged HealthServe to roll out a series of Mental Wellness Webinars for our Process Workers. The 8 webinars, made available during the day as well as evenings in multiple languages, were provided complimentary to all ASPRI Members.

ASPRI-IPI also partnered Ministry of Manpower's Assurance, Care & Engagement (ACE) Group to support MOM Project Dorm by targeting 100 ASPRI Westlite Papan's residents to be Peer Support Leaders. The competency training programme conducted by HealthServe's 25-30 professional volunteer doctors provided ASPRI Westlite Papan residents with additional skills to help fellow migrant workers address possible mental well-being issues.

The prolonged movement restrictions, have exacerbated migrant workers' feelings of segregation and despair. The social isolation has caused *negative mental health outcomes*, with more migrant workers experiencing *symptoms of depression and anxiety*.

ASPRI-IPI partnered with **HealthServe** to roll out 8 sessions of Mental Wellness Webinars for our Process Workers. The webinar is **complimentary to all ASPRI Members, registered by employers only**.





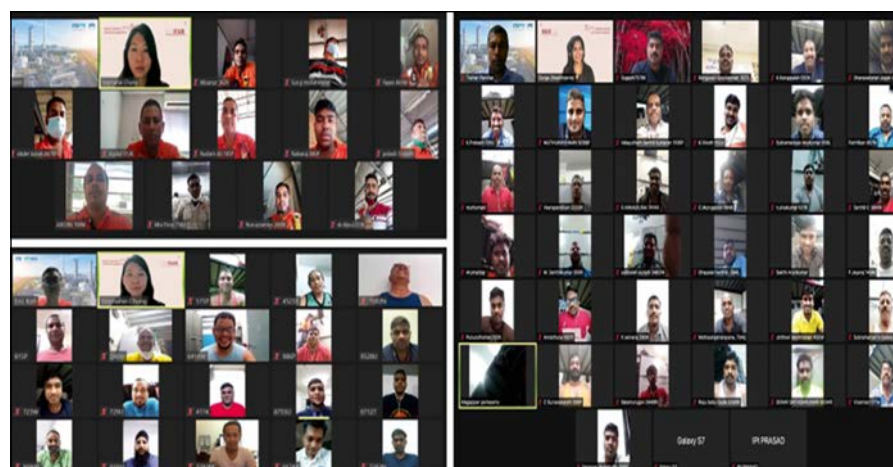
Module 1: Care for Self - Day sessions (40pax per session)	
English sessions	3 November (Wed), 11am - 12pm 10 November (Wed) 11am - 12pm
Module 1: Care for Self - Evening sessions (40pax per session)	
Tamil Session	1 November (Mon), 8pm - 9pm 8 November (Mon), 8pm - 9pm
Bengali Session	2 November (Tue), 8pm - 9pm 8 November (Mon), 8pm - 9pm
English Session	1 November (Mon), 8pm - 9pm 8 November (Mon), 8pm - 9pm

Learning Objectives

- Understanding what stress is
- Identifying symptoms of stress – physical, emotional and mental
- Managing stress by employing 4 tips and breathing technique

Employers are encouraged to register your workers for the complimentary sessions online <http://ipi.org.sg>
For any enquiries please email us at enquiries@ipi.org.sg

**Built by the Industry
For the Industry**



4. ROLLING OUT NEW COURSES

In the September 2021 Call for Proposal (CFP) for the Appointment of Public Approved Training Providers (TPs) for Workplace Safety and Health (WSH) Workforce Skills Qualifications (WSQ) Courses by SSG and MOM, ASPRI-IPI was awarded accreditation for the next 5 years for the following courses.

Cluster 2 – Work-At-Heights

1	Perform Work at Height
2	Manage Work at Height

Cluster 3 – Lifting works

3	Perform Rigger and Signaller Tasks
4	Supervise Safe Lifting Operations

Cluster 4 - Scaffold works

5	Perform Metal Scaffold Erection
6	Supervise Metal Scaffold Erection

Cluster 5 - Metal works

7	Apply Workplace Safety and Health in Metal Work
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The new accredited courses include in-person and online training options as well as incorporate a combination of technology platforms (example Microlearning, Virtual Reality (VR)/Augmented Reality (AR) etc.) into the Workplace Safety and Health training by 31 October 2022.

5. INTERNATIONAL CERTIFICATION AND TRAINING

The current industry-leading coating inspection certifications, the NACE Coating Inspector Program (CIP) and the SSPC Protective Coatings Inspector (PCI) programmes, have been combined to create the AMPP Coating Inspector Program. ASPRI-IPI is collaborating with The Association for Materials Protection and Performance (AMPP) to support AMPP level 1 Basic Coatings Inspector Certification. Trainees in Singapore are required to perform the basic coating inspections using non-destructive techniques and instrumentation in AITC blasting and painting lab.

Beside the AMPP level 1 Basic Coatings Inspector Certification, ASPRI-IPI is in close discussion with AMPP to offer the C7 (Abrasive Blaster Certification) and C12 (Spray Application Certification) to Singapore contractors and applicators.



6. ASPRI-IPI TRAINING STATISTIC

Since it shifted to the ASPRI Integrated Training Centre (AITC) at 5D Jalan Papan in 2016, ASPRI-IPI has offered more relevant training courses to the Process sector. In 2020, due to COVID-19 and the related control in safe management measures, there was a significant drop in the in-person training numbers. But ASPRI-IPI was quick to incorporate digitalisation in its training delivery. During the year, a record of more than 199,000 training hours was clocked via eLearning from the Process sector. ASPRI-IPI also delivered more than 1 million training hours to the sector since the shift to the AITC.

ASPRI-IPI will continue to offer quality training to improve the livelihood of the Process workforce.

Training headcounts	FY16/17	FY17/18	FY 18/19	FY19/20	FY20/21	FY21/22
In-person	4,700	12,700	26,800	30,000	6,600	9,100
eLearning	0	0	0	0	77,100	17,200
Accumulative total	4,700	17,400	44,200	74,200	157,900	184,200

Training hours	FY16/17	FY17/18	FY 18/19	FY19/20	FY20/21	FY21/22
In-person	54,000	175,000	253,600	267,000	79,500	124,400
eLearning	0	0	0	0	199,700	40,500
Accumulative total	54,000	229,000	482,600	749,600	1,028,800	1,193,700