



Media Release

‘For Engineers by Engineers’ Leadership Programmes Celebrate New Successes

162 senior and young engineers graduated from collaborative NTUC-IES programmes in first combined graduation ceremony

SINGAPORE, 16 January 2017 – The National Trades Union Congress (NTUC) and its U Associate, The Institution of Engineers, Singapore (IES), today graduated a total of 162 engineers from the first cohort of the Advanced Engineers Leadership (AEL) Programme and the second batch of the Young Engineers Leadership (YEL) Programme. Exclusively delivered by renowned engineering practitioners to groom future engineering leaders, the programmes have to-date trained a total of 394 engineers from 86 organisations.

At the graduation ceremony held at the Advanced Remanufacturing and Technology Centre (ARTC), Guest-of-Honour NTUC Secretary-General Mr. Chan Chun Sing witnessed the presentation of certificates to 24 senior engineers and 138 young engineers for completing the AEL and YEL programmes respectively, and engaged them in a closed door dialogue. Through the modular courses under a holistic framework, these engineers have been equipped with not only the technicalities of engineering, but also cross-sectoral skillsets like advanced future-ready technology management and soft skills like leadership so as to go beyond their existing job scopes and assume management responsibilities in their respective organisations.

“Both YEL and AEL programmes have been embraced by the industry since they were launched. IES is pleased to see growing support from the industry for our joint efforts with NTUC in establishing the Engineers Progression Pathway for all engineers in Singapore. It proves that employers see engineers as invaluable assets who are instrumental in championing critical stages of growth for their organisations. It also ascertains the high relevance of our programmes in enabling engineers from different sectors to move



confidently to leadership positions to address emerging challenges and embrace innovation and sustainability. We hope that these programmes will also encourage more students to join the ranks of engineers," said Er. Edwin Khew, President of IES.

"It is very heartening to see so many young aspiring engineers stepping up to take charge of their career progression planning. These engineers would play a critical role in Singapore's progress towards SG100. NTUC U Associate & IES will continue to develop practitioner-led professional development programmes to groom our next generation of young engineers into outstanding leaders of tomorrow. We are committed to help these engineers progress in the engineering career and stay relevant in the industry during economic uncertainties," said Mr Vivek Kumar, Assistant Director-General of NTUC and Director of U Professionals, Managers and Executives & U Associate.

Distinctive in being practitioner-led and delivered programmes, both YEL and AEL Programme have to-date featured 25 prominent engineering leaders, C-suite leaders and entrepreneurs from established local and international organisations. Participants learn from these leaders through knowledge-sharing masterclasses, dialogues and networking sessions. The exposure-oriented training programme also allowed participating engineers to visit top engineering organisations like Rolls-Royce Singapore and HDB Building & Research Centre to pick up best engineering practices across various industries.

"I am pleased that we supported the Programme with an industrial visit to our Seletar Campus, where we shared learnings on technology strategy. Taking the participants from strategy formulation to execution in an international context will help them progress in their career," said Dr Bicky Bhangu, Director, Rolls-Royce Singapore.

Many participating employers, including Rolls-Royce Singapore, are positive about AEL Programme's capacity to grow their engineers' ability to champion new areas of growth for their respective organisations.



“Our engineers who participated found the AEL experience enlightening. It was great to see engineers from diverse industries participating in and contributing their own personal experience to create a rich learning environment. Such sessions are an essential part in developing future leaders,” said Dr Bhangu.

Another key feature of the programmes is the one-on-one mentorship where participants are paired with veteran engineers to receive guidance. While participants benefit from the sharing of experiences, the mentorship also provides veteran engineers with the opportunity to give back to the engineering community and help groom future engineering talents.

Mr. Mervyn Sirisena, Chairman, SIA Engineering Company JVs – Philippines, a mentor to AEL participants said, “The programme gives me the opportunity to guide the next generation of engineers, and impart advice, knowledge and skills that will help them overcome the obstacles they will encounter in their career path. It is very fulfilling to not just contribute to engineering on my own, but help young engineers lead the next wave of change.”

Annexes:

1. Chinese Names and Terms
2. Quotes from graduands of AEL Programme and YEL Programme Joint Graduation Ceremony, January 2017

About The Institution of Engineers, Singapore (IES)

The Institution of Engineers, Singapore (IES) was formally established in July 1966 as the national society of engineers in Singapore. IES is the premier engineering institution in Singapore and is called upon by the Government to provide feedback on professional engineering matters.

IES is well represented among the faculty members of the major engineering institutions of higher learning in Singapore. Through close collaboration with the local universities and



polytechnics, IES organises courses, seminars and talks for engineers and IES members to advance the continuous development of engineers.

The Institution maintains close links with professional organisations of engineers regionally and throughout the world. These include organisations in Australia, China, Japan, United Kingdom and the United States. The Institution also represents Singapore in the ASEAN Federation of Engineering Organizations (AFEO) and the Federation of Engineering Institutions of Asia and the Pacific (FEIAP) in promoting goodwill, fellowship and exchange of knowledge among all engineers in ASEAN and the Asia-Pacific region.

Through its Engineering Accreditation Board (EAB), IES obtained full signatory status in the Washington Accord (WA) in June 2006. The entry grants IES the authority to represent Singapore, the first country within the ASEAN region which has obtained full signatory status in the WA, to vet education systems under the WA mutual recognition framework.

For more information, visit www.ies.org.sg.

About National Trades Union Congress

The National Trades Union Congress (NTUC) is a national confederation of trade unions as well as a network of professional associations and partners across all sectors in Singapore. NTUC's objectives are to help Singapore stay competitive and working people remain employable for life; to enhance the social status and well-being of our members and working people; and to build a strong, responsible and caring labour movement. NTUC's vision is to be an inclusive labour movement for all collars, ages and nationalities. NTUC is at the heart of the Labour Movement, which comprises 59 affiliated unions, two affiliated associations, 11 social enterprises, six related organisations as well as a growing ecosystem of U Associates and enterprise partners. For more details, visit www.ntuc.org.sg.

About NTUC U Associate

NTUC U Associate is a key initiative by the Labour Movement to reach out to Professionals, Managers and Executives (PMEs) through professional guilds and communities. The U Associate ecosystem provides valuable networking opportunities across different sectors, creating avenues for cross-pollination of ideas and cross-application of skillsets. The initiative, which was launched in March 2011, empowers PMEs across four areas: Protection, Progression, Placement and Privileges. At the sectoral level, NTUC collaborates with U Associates to develop careers and skills progression plans for the PMEs. Through this, PMEs will be equipped with future-ready skills for the jobs of tomorrow.

S/N	Sector	U Associate
1	Accountancy	CPA Australia



2		ICAEW South East Asia Limited (ICAEW)
3		The Institute of Internal Auditors Singapore (IIA)
4	Administration	Singapore Association of Administrative Professionals (SAAP)
5	Building, Facilities & Environment	Singapore Institute of Landscape Architects (SILA)
6		Singapore Institute of Building Limited (SIBL)
7	Creative Media	LASALLE College of the Arts
8	Engineering	Association of Consulting Engineers, Singapore (ACES)
9		NTU Civil & Environmental Engineering Alumni Association (NCEEA)
10		The Institution of Engineers, Singapore (IES)
11		The Institute of Electrical and Electronics Engineers (IEEE)
12	Entrepreneurship	Action Community for Entrepreneurship (ACE)
13		Entrepreneurs' Organisation Singapore (EO)
14		The Indus Entrepreneurs Singapore Limited (TiE Singapore)
15	Financial Planning	Financial Planning Association of Singapore (FPAS)
16		Insurance and Financial Practitioners Association of Singapore (IFPAS)
17	Food Science & Technology	Singapore Institute of Food Science and Technology (SIFST)
18	Healthcare	Association of Psychotherapists and Counsellors (Singapore) (APACS)
19		Singapore Psychological Society (SPS)
20		Youth Work Association Singapore (YWAS)
21	Human Resource	Singapore Human Resource Institute (SHRI)
22		Human Capital Singapore (HCS)
23	Information Technology	Singapore Computer Society (SCS)
24		IT Management Association (ITMA)
25		IT Service Management Forum (itSMF)
26	Internet Security	Information Systems Audit and Control Association (ISACA)
27	Legal	Singapore Corporate Counsel Association (SCCA)



28	Marketing	Direct Marketing Association of Singapore (DMAS)
29		Institute of Advertising Singapore (IAS)
30		Market Research Society Singapore (MRSS)
31	Professional Development	Adam Khoo Learning Technologies Group (AKLTG)
32		Financial IT Academy @ SMU (SMU-FITA)
33		General Assembly (GA)
34	Project Management	Project Management Institute, Singapore Chapter (SPMI)
35		Society of Project Managers Singapore (SPM)
36	Real Estate	Association of Strata Managers (ASM)
37		Institute of Estate Agents, Singapore (IEA)
38		International Facility Management Association (IFMA)
39		PropertyGuru Pte Ltd (PG)
40		Singapore Estate Agents Association (SEAA)
41	Sales	Singapore Sales Professional Association (SSPA) / Charisma Academy
42	Safety	Singapore Institution of Safety Officers (SISO)
43	Sports & Cybersports	Singapore Professional Golfers' Association (SPGA)
44		Singapore Cybersports & Online Gaming Association (SCOGA)
45	Supply Chain	Chartered Institute of Procurement and Supply (CIPS)
46		Singapore Institute of Purchasing & Materials Management (SIPMM)
47		Supply Chain Asia Community Limited (SCA)
48	Sustainable Energy	Sustainable Energy Association of Singapore (SEAS)

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Annex 1

Chinese Names and Terms

Names and Terms in English	中文名称与词汇
The Institution of Engineers, Singapore (IES)	新加坡工程师学会
Er. Edwin Khew President, The Institution of Engineers, Singapore (IES)	邱德福 会长, 新加坡工程师学会
National Trades Union Congress (NTUC)	全国职工总会 (职总)
Mr. Vivek Kumar Assistant Director-General, NTUC Director of U Professionals, Managers and Executives & U Associate	维韦克。库马尔 助理总干事, 全国职工总会 署长, 职总专业人员, 经理, 执行 人员署和 U 联合计划
U Associate Programme	U 联合计划
Advanced Engineers Leadership (AEL) Programme	资深工程师领袖计划
Young Engineers Leadership (YEL) Programme	青年工程师领袖计划



Annex 2 - Quotes from graduands of AEL Programme and YEL Programme Joint Graduation Ceremony, January 2017

AEL Programme

Mr David Woon “Engineers are great at solving problems but generally weak in networking which greatly limit their potential. Hence, the mentorship programme is a golden opportunity for engineers to broaden their network and draw upon the vast industrial experience of their mentors. I personally gained invaluable insights from my mentor and felt greatly inspired to take my engineering career to the next level!”

Mr Chia Zhi Kun “AEL Programme has trained me to view things from different perspectives which is a critical factor for problem solving.”

YEL Programme

Mr Gavin Chan “The YEL programme transcends the traditional bounds of the engineering domain, and inspires us to never stop learning and innovating. We are schooled in disciplines such as the ability to influence, strategic thinking for leaders, effective communication and real-world problem-solving skills. These are skills crucial to leadership development. I recommend this programme to aspiring engineers for it serves as a solid foundation stone of your future development.”

Mr Simon Lau “My biggest take away from the YEL programme is the framework for strategic planning. The course focuses on non-technical areas such as the ability to influence, strategic thinking for leaders, effective communication and real-world problem-solving skills. I would recommend this programme to engineers who aspire to expand their breadth of skills.”