

YOUNG ENGINEERS LEADERSHIP PROGRAMME 2025

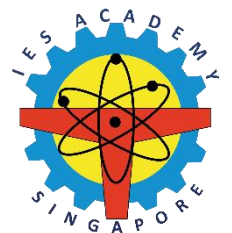
The YEL Programme carries the theme of “Empower the Next Generation of Engineers” & features a stellar line-up of renowned engineers, C-suite leaders and entrepreneurs from local and foreign organisations.

The programme seeks to equip young engineers with the right set of skills to succeed in the workplace & allows them to expand their network by connecting with fellow engineers, leaders & entrepreneurs.



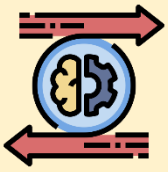
Programme Fee:
\$2,500 (subject to prevailing GST)

Developed by:



To register or enquire, please contact:
(Ms) Jerine Peh Jerine.peh@iesnet.org.sg

**Programme & speakers may be subjected to changes*



Module 1

30 Apr (AM) 2025, Wednesday (9am – 12.30pm)

HANDLING TECHNOLOGY CHANGES & CHALLENGES

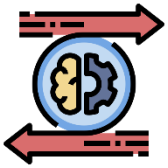
Prof. K. Pelly Periasamy

Programme Outline:

- Disruptive power of technology agility as an imperative for organizational viability and success. Continuous learning - a critical success factor for professionals
- Technology changes and career vulnerability
- How to sustain relevancy to the organization and continue to be of value
- Education vs training - deploying the conscious and subconscious
- effectively
- Skilling rightly – proficiency vs expertise

Learning Objectives:

- To understand the technology-related challenges facing professionals today
- To appreciate that technical expertise too has shelf-life like technologies
- To prepare to learn continuously to remain relevant and valuable



Module 1

30 Apr (PM) 2025, Wednesday (1.30pm – 5pm)

AI & Robotics

Mr William Lee, Roboticist

Stealth AI Startup

Programme Outline:

- The next wave -- Disruptive power of AI and robots
- Impact of ChatGPT and DeepSeek on the engineering industry
- Applications of AI and robotics in factories and service sectors
- Business impact and career vulnerability to engineers
- Impact to society and consequences

Learning Objectives:

- To understand what AI and robots can and cannot do
- To appreciate the opportunities and to plan for change
- To prepare to learn continually to remain relevant

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Module 2

7 May 2025, Wednesday (9am – 5pm)

TECHNOLOGY COMMERCIALIZATION

A/Prof. Neo Kok Beng

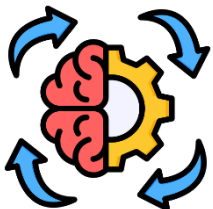
National University of Singapore School of Business & Faculty of Engineering

Programme Outline:

- Technology Commercialization Process- to understand that technology commercialization process is crucial to the successful transfer of the technology and knowledge to the commercial entity.
- Technology Transfer Term Sheets - to understand the various terminologies and structured a mutually win-win term sheet.
- Technology Commercialization Collaboration - Collaborations with universities, research institute and other companies are alternative approaches to development of new products, tapping on the complementary strengths of the interested parties

Learning Objectives:

- To understand the process of technology commercialization.
- Appreciate the various stakeholders' interests such as technology transfer office and inventors
- To understand the various terms in the commercialization deal.
- Design a Term Sheet based on interests of all parties.
- Learn to appreciate the strategic advantages of technology collaboration in competitive advantage.
- Participants are able to develop a joint-development approach.



Module 3

21 May 2025, Wednesday (9am – 5pm)

Effective Public Speaking & Presentation Skills

Mr Augustine Anthuvan, Chief Trainer

Singapore Media Academy

Programme Outline:

- **Mastering Media Communication** – Develop strategies to effectively present your organization's key messages in media interactions and public engagements.
- **Refining Interview & Presentation Skills** – Enhance your ability to deliver concise, compelling responses in various settings, from media interviews to executive pitches.
- **Hands-on Practice & Feedback** – Engage in live video-recorded simulations with playback analysis to sharpen your delivery and confidence.

Learning Objectives:

- Confident Public Speaking – Engage and persuade audiences effectively.
- Effective Delivery Techniques – Master body language and vocal variety.
- Stronger Speech Openings – Use hooks, humor, and impactful introductions.
- Avoid Common Pitfalls – Eliminate fillers and monotone delivery.
- Powerful Presentation Skills – Present slides clearly to bosses and customers.
- Polished and Professional Communication – Deliver compelling speeches with poise.

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Module 4

28 May 2025, Wednesday (9am – 5pm)

COMMUNICATE WITH I.M.P.A.C.T.

Karolina Gwinner

Leadership Speaker, Trainer & Executive Coach

Programme Outline:

- Having great ideas is simply not enough since many engineers and other professionals have great ideas. So, what makes the difference between the ideas that get noticed and those that get ignored is how powerfully you communicate your ideas to others.
- Whether you're influencing someone to consider your perspective, implementing a new project or driving change in your organization, you must be able to successfully sell your ideas to gain support, cooperation and commitment of others.

Learning Objectives:

- Learn how to get your point across in a clear and compelling way.
- Discover proven impromptu speaking techniques.
- Apply effective strategies to handle challenging questions.
- Prepare for inappropriate or disrespectful questions and find polite yet meaningful ways to respond.



Module 5

4 June 2025, Wednesday (9am – 5pm)

STRATEGY FOR TECHNOLOGY LEADERS

Prof Lawrence Loh

National University of Singapore School of Business

Programme Outline:

- This module covers the new developments in the field of strategic management and curates these with a sharp focus on the applications for engineering and innovation management.
- The module uses a structured planning framework for technology leaders to appreciate the method of strategy and apply it to real problems in their workplaces.
- It encompasses the analyses of internal/ external environments as well as the formulation and implementation of strategies amid disruptions.

Learning Objectives:

- To appreciate the importance of structured strategic planning in the crucial context of disruptions at the business and industry levels.
- To analyse the relevant external and internal environments driving strategic success, especially through the leveraging of technology and innovation as resources and capabilities;
- To formulate coherent value-adding strategies for competitive advantage at key hierarchical levels & functional domains in an organization;
- To frame sustainable strategic success through the interaction and dynamics of competition with an emphasis on the imperative of technology advantage;
- To understand the challenges of strategy implementation.

**Programme & speakers may be subjected to changes*



Module 6

18 June 2025, Wednesday (9am – 5pm)

SYSTEMS THINKING & ARCHITECTING

*Prof Yeoh Lean Weng Chief Sustainability Officer
Agency for Science, Technology and Research*

Programme Outline:

- The course focuses on adopting a systems thinking framework to understand the increasing complex nature of engineering management issues.
- It introduces systems architecting as a systemic and systematic methodology to analyse the diverse elements of a complex problems as integrated components of a coherent system.
- It will discuss case studies on how systems architecting methodology can be applied to solve complex large-scale systems.

Learning Objectives:

- To learn the various approaches to analysing problems in a systematic manner
- To deal with complex, large-scale engineering issues
- Develop solutions using systems thinking approach



Module 7

30 June 2025, Monday (9am – 5pm)

WORKPLACE PARTNERSHIP SKILLS

*Dr Maxine Teo
Global Max Academy Pte Ltd*

Programme Outline:

- Employee's commitment, job satisfaction and productivity are to a great extent affected by their relationships with their bosses, co-workers, and stakeholders. A robust working relationship with others at work can help to realise your potential and enhance your contributions to the organisation.
- Enhance your workplace partnership skills by understanding yourself and others better and knowing how best you can manage the interactions at the workplace.
- In this workshop, you will learn simple and powerful strategies to strengthen your working relationship with others at work. With interactive exercises and hands-on practice with professional feedback, you will be able to boost your workplace partnership skills and become a more impactful and effective leader.

Learning Objectives:

- Identify factors that influence your relationship with others at work.
- Recognise behavioural styles of self and others.
- Develop and maintain an effective working relationship with others.
- Enhance your leadership skills in leading self and others for greater collaboration at work.



Learning Journey

11 June (AM) 2025, Wednesday
9.00am – 12.00pm

Learning Objectives:

- Visit multinational corporations for first-hand knowledge and insights to current trends, new technologies and best practices which are being implemented
- Engage, interact and network with senior executives who share their experiences as well as how they've overcome the challenges they face.

REGISTRATION FORM

PARTICIPANT'S DETAILS			
Full Name:		NRIC/FIN:	
Company:		Designation:	
Email:			
Invoice Mailing Address:			
Contact:		Vegetarian:	YES / NO
PE/CE No. (if any)		IES Member No. (if any)	
Sub-BU Code (for Public Sector/Govt Agency)			
HUMAN RESOURCES/TRAINING CONTACT PERSON'S DETAILS			
Name:		Contact:	
Email:			

If your organization is sending more than 1 participant for the programme, you may use the Corporate Registration Form (in Excel file) for easier submission.

By submitting the above registration form and/or the Corporate Registration Form (in Excel file), participant and contact person are deemed to have agreed to the Registration Terms & Conditions on the following page.

REGISTRATION TERMS & CONDITIONS

COURSE ORGANIZERS

The Engineers Leadership Programme is developed and organized by The Institution of Engineers, Singapore ("IES") and NTUC U PME ("NTUC"). The Programme is executed at the premises and logistics of IES Academy Pte Ltd, the training subsidiary of The Institution of Engineers, Singapore.

REGISTRATION

Registration will be on a first-come-first-served basis and will only be confirmed upon receipt of full payment by IES Academy Pte Ltd unless otherwise invoiced to company. All registrations must be submitted with duly completed registration form. Participant must be able to commit at least 75% attendance of the entire Programme. Reason for absence will be assessed on a case-by-case basis (e.g. National Service, Medical reasons, compassionate reasons etc).

CONFIRMATION OF REGISTRATION

Confirmation of registration will be given at least 1 week before the commencement date via email. If participant and/or contact person do not receive the said confirmation email, they are required to contact the programme executive during office hours.

IES/NTUC reserves the right to allow only confirmed registrants to attend the Programme.

WITHDRAWALS/REFUNDS OF FEES

1. Registration withdrawal must be made in writing to the programme executive at least 1 week in advance before the commencement of the Programme.
2. Full refund will only be made if written notice is received by us at least 1 week before the commencement of the programme.
3. No-Show of participant would not be accepted as a valid reason for withdrawal/refund.
4. One time replacement is allowed only if written notice is received by us at least 1 week before the commencement of the programme.
5. In the event that the participant resigns from the company without completing the programme, the course fees will still be chargeable and non-refundable. The said participant will also not be able to receive any certificate of completion or accomplishment. Appeal to transfer paid course fees to another run will be considered on a case-by-case basis.

CANCELLATION/POSTPONEMENT

Changes in Venue, Dates, Time and Speakers for the Programme can occur due to unforeseen circumstances. IES/NTUC reserves the full rights to cancel or postpone the Programme under such circumstances without prior reasons. Every effort, however, will be made to inform the participants or contact person of any cancellation or postponement.

Fees will be refunded in FULL if the Programme is cancelled by IES/NTUC.

COLLECTION, USE AND DISCLOSURE OF PERSONAL DATA

1. I consent to the collection, use and retention of my personal data by IES/NTUC for the purposes of processing, servicing and managing my registration for this Programme.
2. I will inform IES/NTUC immediately of any changes to my contact details and/or personal data in order to enable IES/NTUC to contact me for all matters relating to this Programme.
3. I consent to be contacted by IES/NTUC via email, text messages, calls and/or post for matters related to my registration for this Programme.
4. I consent to the disclosure of my personal data by IES/NTUC to authorised third parties for the latter to collect, use and retain my personal data for the purpose of processing, servicing and managing my registration for and participation in this Programme
5. I understand that photography and/or videography may be taken during this Programme for news and publicity purposes and may be used for print and on online/electronic platforms.
6. I acknowledge that IES/NTUC owns all rights to the photographs and video recordings.
7. If I do not wish to have any photographs or video recordings taken of me, I will inform IES/NTUC before the commencement of this Programme.