APCICT
Asian and Pacific Training Centre for Information and Communication Technology for Development
ESCAP

AI Essential for Policymakers and Civil Servants

26-27 March 2026, Yerevan

COURSE SYNOPSIS

AI Essential for Policymakers and Civil Servants is a two-day executive programme designed to equip Policy Makers and Civil Servants with the knowledge and governance insight required to oversee AI responsibly, strategically, and confidently. The course provides a leadership-level understanding of how emerging AI technologies—particularly Generative and Agentic AI—are reshaping organizations in the era of Industry 5.0, and why trust, accountability, and human-centered governance are now Policy Markers imperatives. Participants will examine global AI governance frameworks, assess organizational readiness, and explore practical approaches to managing AI risks while enabling innovation.

By the end of the programme, Policy Makers and Civil Servants will be able to exercise informed oversight of AI initiatives, ask the right governance questions, and guide their organizations toward sustainable, ethical, and trustworthy AI adoption

COURSE FOCUS

This programme focuses on Policymakers and executive responsibilities for Trustworthy AI, with emphasis on:

- Strategic alignment of AI with organisational purpose and Industry 5.0 objectives
- AI governance, oversight structures, and accountability at board level
- Risk-based and rights-based approaches to AI adoption
- Organisational readiness for Trustworthy AI
- Leadership actions required to build a trustworthy and innovative AI-enabled organisation

COURSE OBJECTIVES

By the end of the programme, participants will be able to:

1. Understand the strategic implications of Generative, Agentic, and Physical AI in the context of Industry 5.0.

2. Recognise why Trustworthy AI is a leadership, governance, and risk management priority—not a purely technical issue.
3. Interpret major global and organisational AI governance frameworks relevant to board oversight.
4. Assess organisational readiness for Trustworthy AI and identify key gaps.
5. Define leadership actions required to embed Trustworthy AI into strategy, operating models, and culture.

LEARNING OUTCOMES

Upon completion of the course, participants will be able to:

- Articulate the Policymakers role and leadership imperatives in governing AI responsibly.
- Identify key ethical, legal, societal, and reputational risks associated with Generative and Agentic AI.
- Apply a structured Trustworthy AI governance framework at organisational level.
- Evaluate their organisation's AI readiness using a recognised assessment approach.
- Champion responsible innovation while enabling safe and effective AI adoption across the enterprise.

RESOURCE PERSON

Timothy Tay is a seasoned consultant and educator with over 40 years of cross-industry experience, specializing in AI governance, cybersecurity, governance, risk, and compliance (GRC) and Business Sustainability. He has extensive expertise in developing and delivering training programs for policymakers, civil servants and Professional, Management, Executive and Technician (PMET) Professional, focusing on emerging technologies like AI and their governance frameworks, business sustainability. He is an accomplished IT leader as well as a facilitator, consultant, coach, and auditor.

He works with organizations across both the public and private sectors, including international institutions such as the United Nations, large multinational corporations, government agencies, non-profit organizations, and small and medium enterprises.

TARGET AUDIENCE

This programme is designed specifically for Policymakers with responsibility for AI-related oversight, strategy, and governance, including:

- Policy makers and senior public-sector leaders
- Board members and non-executive directors
- C-suite and senior executives
- Governance, Risk, and Compliance (GRC) leaders involved in AI oversight

The course assumes no technical background and is tailored for decision makers who must govern AI, rather than build or operate AI systems.

CONTACTS

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Session Plan

	Day 1
Time	Description
08:30-09:00 (30 Minutes)	**Welcome and Introduction**
09:30–10:45 **(75 minutes)**	**Session 1: AI Powered Journey to Industry 5.0** 1. **Learning Outcome** Provide a high-level overview of **Generative AI**, **Agentic AI**, and **Physical AI**, and establish a right based Approach for **Trustworthy AI** which is a critical governance and ethical imperative for leadership in the era of Industry 5.0 2. **Session Outline:** • Digital Transformation Journey • Key AI Technologies - ML, NLP, Computer Vision, Robotics • Industry 5.0 - **Generative AI**, **Agentic AI**, and **Physical AI** . • Right-based approach to Trustworthy AI Governance • Manage AI Risks in Industry 5.0 Era • Strategic Recommendation for Industry 5.0 3. **Wrap-up & Reflection**
10:45-11:00 (15 Minutes)	Morning Break
11:00 :11:30 (30 Minutes)	Learning Activity 1 – Mapping the Generative AI Risk to to Humans Right Violation with Impact Assessment and Proposed Mitigation Strategy
11:30 – 12:30 (60 Minutes) 13:30-14:00 (30 Minutes)	**Session 2 "Trustworthy AI Governance Framework** 1. **Learning Outcome** Understand definition of Trustworthy AI Governance and the drivers and approaches to implement trustworthy AI at the National and the Organization Level. 2. **Session Outlines** • UN Resolution 78/265 on Trustworthy AI • What is Trustworthy AI? • Global Ethical Framework - UNESCO, OCED, EU AI Guideline • What is AI Governance? • Multi-Layers AI Governance Framework –EU AI Acts, NIST AI RMF, Asean AI Model , Microsoft Responsible AI Standard • ISO 42001 AI Management System • Cross-Broader Implication and Collaboration • International Collaboration Platform on AI Governance 3. **Wrap-Up & Reflection** • Group discussion on learnings, challenges, and real-world applications

12:30–13:30 (60 Minutes)	Lunch Break
14:00 –16:00 (105 Minutes)	**Session 3 – Building Trustworthy AI: A Framework for Responsible AI** 1. **Learning Outcome** Equip senior leaders with a practical **framework to implement trustworthy AI** across the full AI project lifecycle, and link these practices to Risk Management and Operational Excellence 2. **Outline:** ● Generative AI Risks ● Managing Generative AI Risks in the Era of Industry 5.0 ● Generative AI Tools – Use Cases and Governance Consideration ● Operationalised AI Governance ● Special Governance Focus Areas 3. **Wrap-up & Reflection**
15:00-15:15 (15 Minutes)	Afternoon Break
	Day 2
09:00 – 10:30 (90 Minutes)	**Session 4 – Is your organisation ready for Trustworthy AI?** 1. **Learning Outcome** • Assess and reflect on the organization's readiness to implement Trustworthy AI using the UNESCO **Readiness Assessment Methodology (RAM)** 2. **Outline:** ● Introduction to UNESCO's Trustworthy AI Readiness Assessment (RAM) ● Purpose of the UNESCO's RAM ● The 5 Dimension of UNESCO Trustworthy AI Assessment Framework ● How to conduct the RAM Assessment ● Key Gaps and Opportunities for Alignment ● Why Use the UNESCO's Framework ? ● Group Discussion on common Areas of Improvement 3. **Wrap-up & Reflection**
10:30–10:45 (15 Minutes)	Morning Break
10:45-12:00 (75 Minutes)	**Learning Activity 2** - Participants break into small groups to perform readiness assessment for a selected organisation
12:30-13:30 (60 Minutes)	**Lunch**

13:30: 15:00 (90 minutes)	**Session 5 – Building an innovative and trustworthy AI Organisation** 1. **Learning Outcome** Participants will learn how to build and lead an innovative, trustworthy AI organization by integrating strategy, operating models, talent, partnerships, and governance to ensure responsible and effective AI adoption at scale. 2. **Outline:** ● AI Strategy ● AI Operating Model ● AI Change Management ● Structuring AI Team for Success ● AI Partnerships and Strategic Alliance ● AI Talent Strategy ● AI in Cybersecurity 3. **Wrap-up & Reflection**
15:00-15:15 (15 Minutes)	Afternoon Break
15:15-15:45 (30 Minutes)	**End of Executive Workshop - Wrap up and Q&A**