



Seminary Information:

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AI Seminar Series #1

"AI, Big Data and Cyber Security for the Industry 4.0"

This is the 1st of AI Seminar Series organized by CamTech and AI-Cambodia Forum

12 June 2021, online, 3:00 PM - 5:00 PM (GMT +7)

In Industry 4.0, technological breakthroughs for mass production and automation including Artificial Intelligence, big data analytics, cybersecurity, immersive technology, advanced robotics, Internet of Things, block-chain and 3D printing are changing the way we work and live. With interoperable cloud computing, ABC is playing key roles for safety, stability, performance, reliability, robustness, cost optimization, and efficiency, in areas such as energy, transportation, construction, medical and healthcare, defense, manufacturing and agriculture. It is reported that at least 50% of the tasks (40% of the current occupations) are at high risk and 65% of the jobs the next generation will engage in 2030 do not yet exist. This demands a new skill set of the workforce for sustainable economic growth of Cambodia in the competitive market.

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 **CPET CERTIFICATION OF COMPLETION**



Purpose:

The overall aim of the seminars is to provide a platform for academic leads, entrepreneurs and innovators, and policy makers to exchange ideas, creating opportunities for potential collaboration on AI, Big Data, Cyber Security and the overall framework of industry 4.0.

Participants:

This seminar is expected to count with 25-30 participants, including:

- CEOs and founders from different industry/business areas: Construction, Transport, Supply Chain, Financial Institution, Technologies.
- Academics from engineering, business, health and agriculture areas
- Policy makers, advisors, and government agencies
- Young innovators/entrepreneurs
- Final Year or senior BSc/MSc students from the Engineering/Business field.

Panelists:

- Professor Chhem Rethy

Conveners:

- Dr. Khieng Sothy, President, CamTech
- Mr. Chhem Siriwat, Co-Founder, AI-Cambodia Forum

AI Seminar Series Chair and Vice-Chair

- Prof. Alamgir Hossain, Professor and Research Lead, Centre for Digital Innovation, Teesside University, UK (to be joined in CamTech as VP Academic)
- Mr. Chum Pharino, Dean, Engineering, CamTech

In collaboration with:

- Asian Vision Institute
- Konrad Adenauer Stiftung
- Teesside University



Program to commence at 3:00 PM (GMT+7)	Time
Welcome remarks by the Co-Convener of the Seminar, <i>Dr Sothy Khieng, President, CamTech</i>	5mns
Introduction about the Future of Work Project by <i>Mr Robert Hör, Programme Manager for Digitalisation and Foreign Policy, Konrad-Adenauer-Stiftung</i>	5mns
Brief introduction by the Co-Convener of the Seminar, <i>Mr Siriwat Chhem, Co-Founder of AI-Cambodia Forum</i>	10mns
Trigger presentation: "Global Scenario of the ABC4Industry4.0" by <i>Professor Alamgir Hossain, Professor and Research Lead, Centre for Digital, InnovationTeesside University, UK</i>	10mns
Panel discussion 1: Industrial participants: "What are the skill sets required for ABC4Industry4.0? Are the universities delivering the required workforces for these?"	15mns
Panel discussion 2: Academic participants, "How can we develop a collaborative framework to equip the workforces with new skill sets for the sustainable economic growth of Cambodia in the competitive market?"	15mns
Panel discussion 3: Policy participants, "What are the policy implications for Cambodia? What framework and supporting policies are necessary for AI?"	15mns
Panel discussion 4: Innovators/students, "What are the views from innovators/students based on the discussion from the industry and academic sides?"	15mns
Plenary: How can we develop a collaborative framework to support ABC4Industry4.0?	15mns
Concluding remarks by <i>Professor Chhem Rethy</i>	5mns
End of Program	