

INDUSTRIAL TALK 2: FOURTH INDUSTRIAL REVOLUTION

EXECUTIVE SUMMARY

On 2 November of 2021, Fourth Industrial Revolution Talk was organised by the lecturers of Technology and Information System (TIS) course of Universiti Teknologi Malaysia (UTM) for TIS students to have deep learning about the fourth industrial revolution, especially in cybersecurity. This talk was given by Ms. Sarah Khadijah Taylor who is a Strategic & Project Manager from Digital Forensic Department representing her company which is Cybersecurity Malaysia. The duration of this talk is one hour and a half starting from 3.00 p.m. until 4.30 p.m. and was held online using Webex.

INTRODUCTION

Cybersecurity is the safety of internet-related structures consisting of hardware, software programs, and information from cyber threats. In Malaysia, CyberSecurity Malaysia is an organisation beneath the Ministry of Communication and Multimedia that accountable to offer specialised cyber protection offerings. There are many offerings that CyberSecurity Malaysia furnished consisting of CyberCSI, CyberSafe, MyCERT, and CyberGuru.

CONTENT

1. Transformation drives such as global economy order, technologies advancement, knowledge & skills, global supply chain, competitiveness, regulations, and customer behavior.
2. 3 factors of manufacturing future in Malaysia :
 - # Global value chains & geographies of production are continuing to shift.
 - # Quality of labour & higher productivity, but not low labour cost.
 - # New technologies are disrupting and fostering technologies.
 - Malaysia manufacturing firms need to innovate and invest in new technologist to remain competitive
3. Policy A-C-T was implemented to address the issues & challenges
 - o Attract (A)
 - § To attract stakeholders
 - o Create (C)
 - § Create the right ecosystem for IR4.0
 - o Transform (T)
 - § To transform Malaysia's industry capability
 - Framework
4. Interest of cybersecurity in Malaysia
5. Digital Forensics
 - A service to collect data, extract data, analyze the data, record a report and present it.

GROUP 6

1. NASRUL AMIN BIN AB HADI (A21EC0099)
2. MALLEVLENE PENEH (A21EC0053)
3. HARCHANA A/P ARULAPAN (A21EC0028)
4. PUTERI ELEEVA SYAFIKA BR MOHD ZAIDO (A21EC0124)

REFLECTION

In this talk, I know on how Malaysia goverment emphasizes the importance of IR 4.0 and take steps to ensure the country's aspirations are realized. I also learned about the roles and state of cybersecurity in Malaysia

