



POSTER INDUSTRIAL TALK

SUBJECT: SECP1513-02 TECHNOLOGY AND INFORMATION SYSTEM

TOPIC: INDUSTRIAL 4.0: PAST, PRESENT, FUTURE

LECTURER'S NAME: DR ARYATI BAKRI

GROUP MEMBERS:

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GOO YE JUI	A20EC0191
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AHMAD MUHAJMIN BIN AHMAD HAMBALI	A20EC0006
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## 4 INDUSTRIAL REVOLUTIONS



### INDUSTRY 1.0 (17<sup>th</sup> -18<sup>th</sup> century)

- the industrial industry do work by using manual work (manpower)
- mechanical power was derived from engine (steam engines)



### INDUSTRY 2.0

- the birth of electricity
- mass production of goods
- machine help to produce goods in large quantity
- assembly lines and electricity



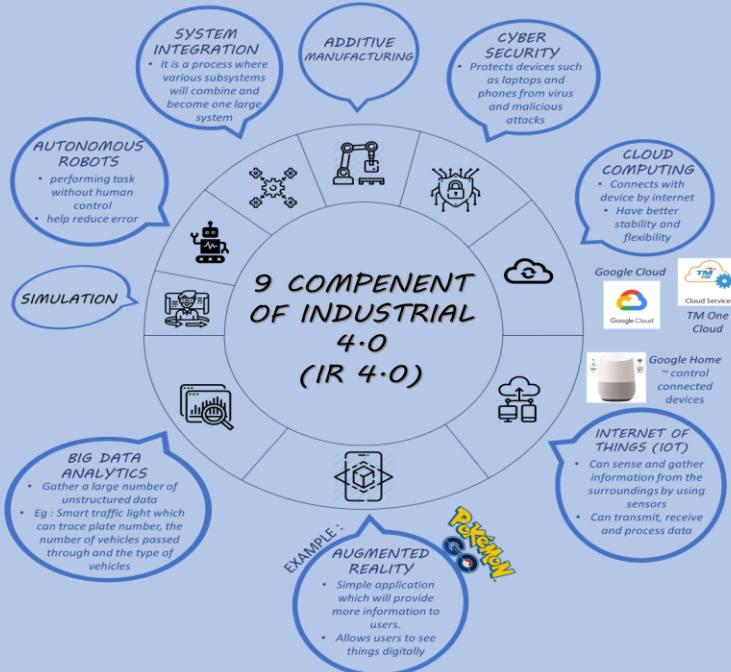
### INDUSTRY 3.0

- the era of computing
- also called digital revolution becoming key for industry
- by using IT and electronics, automation production is advanced



### INDUSTRY 4.0

- the birth of AI
- 'Smart' technologies
- Cloud computing
- Big data
- Networked machines and processes

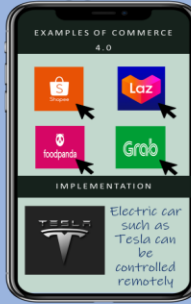


### EDUCATION 4.0

Can implement VR (virtual reality) experience in the education sector.



### COMMERCE 4.0



- Implementing machine learning technology into customer services
- Learns the shopping patterns of users

PAST JOBS	PRESENT JOBS	FUTURE JOBS
<ul style="list-style-type: none"> <li>Computer operator</li> <li>Film projectionist</li> <li>Print setter</li> </ul>	<ul style="list-style-type: none"> <li>Blogger</li> <li>Cloud services specialist</li> <li>Social media manager</li> </ul>	<ul style="list-style-type: none"> <li>3D printing technician</li> <li>Biomechanics service person</li> <li>Computer vision engineer</li> </ul>

## REFLECTIONS



GOO YE JUI (A20EC0191)

In this industrial talk, I found out that our country is improving rapidly. We need to be very prepared for the Industry 5.0. Technology like 5G, IETC, are needed urgently in order for our country to compete with other third world country and achieve the first world country status. This talk makes me motivated to make myself to become more knowledgeable and help in Malaysia's development.



KELVIN EE (A20EC0195)

From this industrial talk provided, I learnt that technology is keep changing and improving from year to year. I strongly believe that technology is changing the way we live. For example, we can only use animals like horse, cow to carry our goods but nowadays we use Artificial Intelligence to separate our goods and delivered it by big vehicles like ships and lorries. Technology makes our life easier and we should make use of it. Yet, students in Malaysia should more contributing themselves in the technology sector as I realised that the technology in Malaysia is far behind compared to others developed countries.



AHMAD MUHAMMAD BIN AHMAD HAMBALI (A20EC0006)

Based on this industrial talk, I have gained a lot of knowledge about the industry 4.0. From what I have gained, I have noticed that with the rapid growth and improvement of technology nowadays, the opportunity to get a job has increases a lot since new type of job offers keeps on rising as new technologies keep on appearing. However, there are no such job offers in Malaysia yet. With that, I realised that I should learn and gain more knowledge so I can contribute more to the country.



YONG ZHI YAN (A20EC0172)

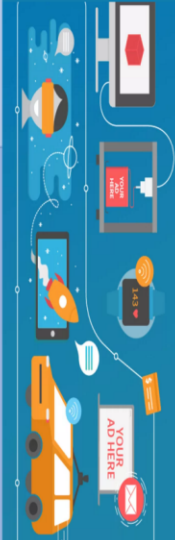
In this industrial talk, I learnt that technology is improving very fast. Currently the technology of our country is still lagging behind those big countries such as United States of America, China etc. We need to work hard to catch up with the latest technologies such as 5G technology and artificial intelligence in order to become more competent globally. Hence, I hope that during my journey of studying at university I can gain as much knowledge as possible to be able to contribute myself in developing the technologies of Malaysia.



MYZA NAZIFA BINTI NAZRY (A20EC0219)

I have learnt and gained a lot of new information from this industrial talk. From what I have heard, I realised that the technologies we have today helped a lot in our daily lives as the machines helped to lessen our burdens by doing all the hard tasks and makes things easier for us. However, I noticed that not all technologies are available in Malaysia so I have gained inspiration and motivation to study harder so I can contribute more in the industry in Malaysia so Malaysia can be just as advanced as the big countries.

INDUSTRIAL 4.0:



PAST, PRESENT, FUTURE