

4THIR

(the fourth industrial revolution)



UTM
UNIVERSITI TEKNOLOGI MALAYSIA



CyberSecurity
MALAYSIA

INTRODUCTION

the **DIGITAL TRANSFORMATION** of **MANUFACTURING/ PRODUCTION** and **ALLIED INDUSTRIES** as well as **VALUES CREATION PROCESSES** is known as **INDUSTRY 4.0**

EXAMPLE OF AUTONOMOUS ROBOT



AUTOMATED CAR FACTORY

AI KIOSK
SMART
SERVICE
ROBOT



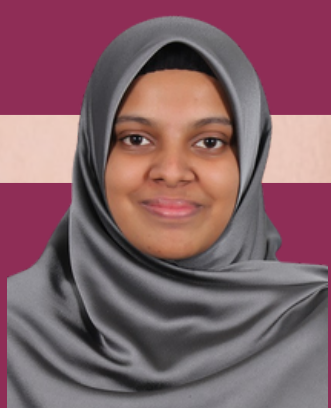
PENASONIC
AUTONOMOUS
DELIVERY
ROBOT



WAN NORAZIRA BT WAN AZHAR AMRAN
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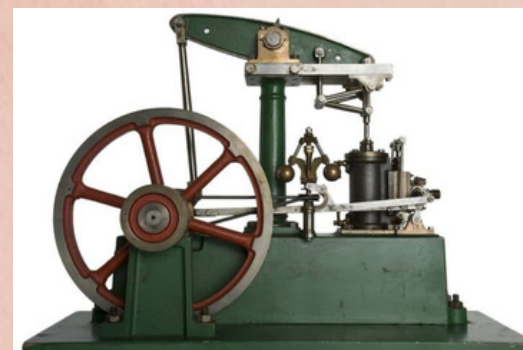


KHAIRUN NAJIAH BINTI ABDHUL MUTHALIB
A21EC0037



OMAR ABDULBASET
A21EC0271

1st Industrial
Revolution
introduce of
mechanization
steams engines
water



2nd Industrial
Revolution
discover the
technologies
electrification line
such turbin



3rd Industrial
Revolutin become the
key driver of
industries such as
computer, digital
machines and any
other else



4th Industrial
Revolutions is
the integration
of artificial
intelligence into
industries



TECHNOLOGY IR 4.0 :

AUTONOMOUS ROBOT

Autonomous robots are **intelligent machines** capable of doing activities in the real world without the intervention of a human. The relationship between humans and robots is **changing** as emerging technologies become more prominent.

Autonomous robots have the ability to **replace humans**, such as a cognitive virtual assistant

companies will be able to **improve efficiency and customer experience** while gaining a competitive edge

REFLECTION

From all these talk and slide given, we know autonomous robot is one of the useful technologies which **HELP MANY HUMANS LIFE** in our generations. We also know autonomous robots such as autonomous hand, automated car factory, and many else were really useful in many particular aspect. The first one is autonomous robots give **SAFETY** for human life as robots can save us from doing any dangerous task. The second one is robots can **SAVE OUR TIME** because they are able to produce many products which help us to boost our sale rapidly.

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