



# Forum 1

# Effect of Current Era on Engineering

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Universiti Teknologi Malaysia

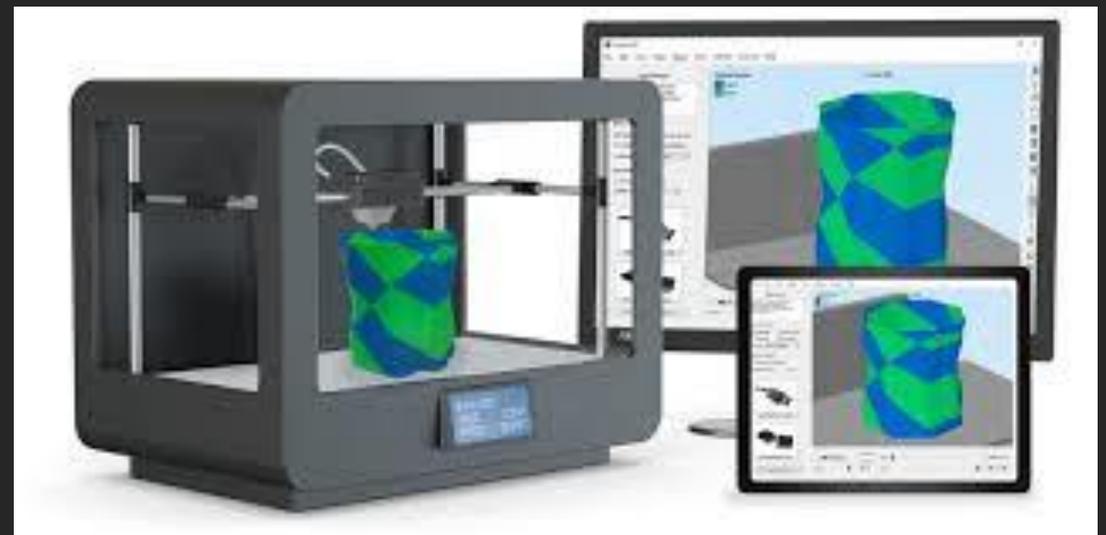
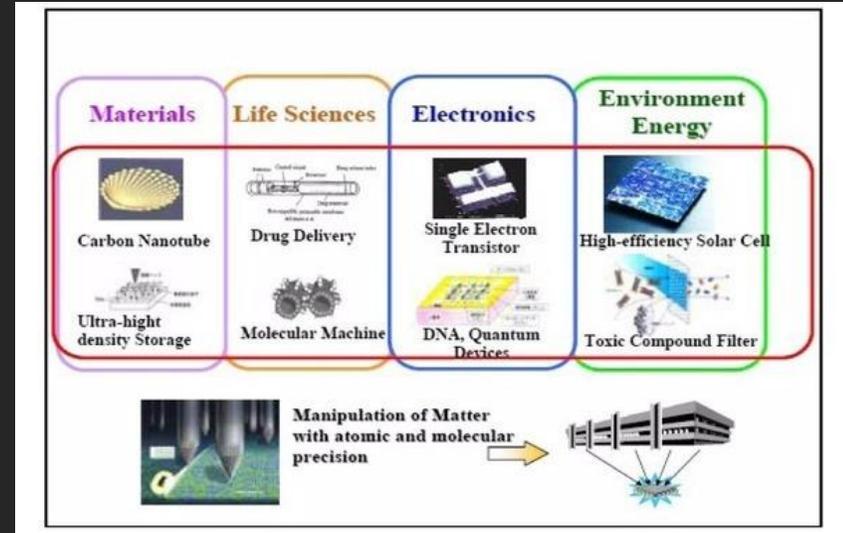
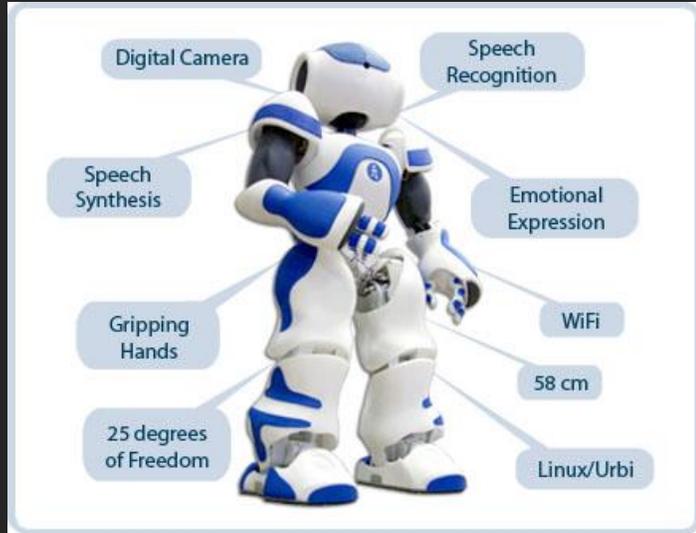


# Outline of Presentation

Technology: Industry 4.0

Sustainable Development

Interconnected World







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Technology: Industry 4.0

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Three Pillars  
of  
Sustainable  
Development



# UN Sustainable Development Goals





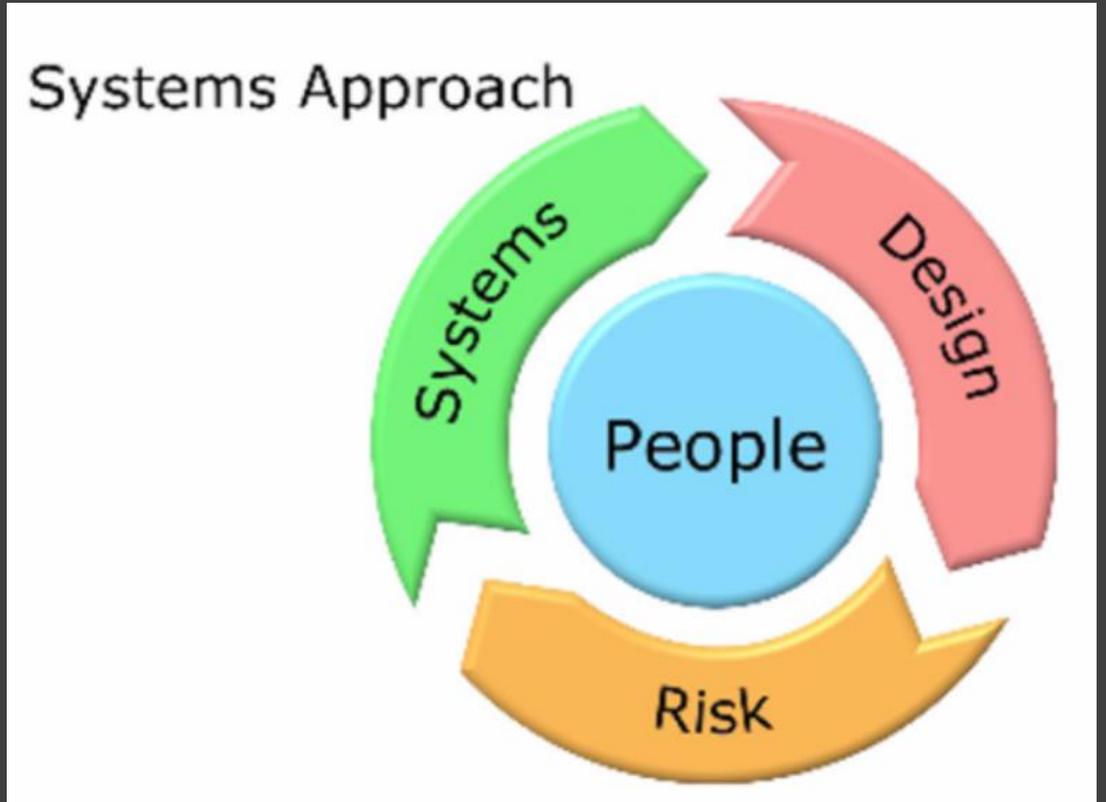
# Outline of Presentation

Technology: Industry 4.0

Sustainable Development

Interconnected World

Interconnected World – requires Systems Approach with a host of crucial professional skills and values





Playback of flight JT610 / LNI610

GREAT CIRCLE DISTANCE  
442 km

AVERAGE FLIGHT TIME  
0:51

ACTUAL FLIGHT TIME  
-

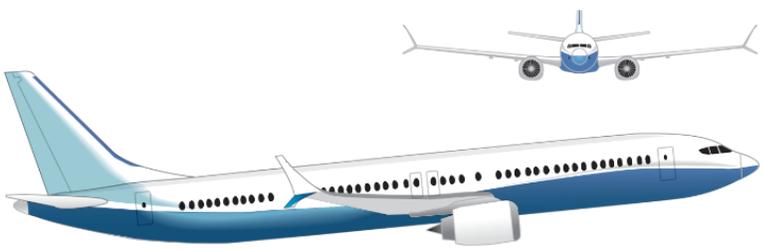
AVERAGE ARRIVAL DELAY  
0:00

FROM **Jakarta (CGK)** TO **Pangkal Pinang (PGK)**

TIME: 23:31 UTC

CALIBRATED ALTITUDE	GROUND SPEED	VERTICAL SPEED	TRACK
3,650 FT	345 KTS	N/A	35°
GPS ALTITUDE	TRUE AIRSPEED	INDICATED AIRSPEED	SQUAWK
N/A	N/A	N/A	174

flightradar24



MARK NOWLIN / THE SEATTLE TIMES

# Two tragic flights, 12 problems

By Seattle Times staff  
Published Oct. 27, 2019

Lion Air Flight 610  
Oct. 29, 2018

Ethiopian Airlines Flight 302  
March 10, 2019





# THANK YOU



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**BOARD OF ENGINEERS MALAYSIA**

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