

SEMINAR UICL 2302: HUMANISING SCIENCE AND TECHNOLOGY IN THE ERA OF INDUSTRIAL REVOLUTION 4.0

7. Why humanizing needs the holistic values?
By: Associate Professor Dr. Norma Alias (CSNano, UTMJB)

- Intellectual aspect (Hati (galib), Rukh (ruh), Akal ('aqil'), Jiwa (nafs))

- knowledgeable, wisdom, choice for the intellect

Holistic approach, Process (Improving operational excellence), Data (making better decision with better data)

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INSTRUCTION: Explain seven (7) main points from the talk.

1. 4th Industrial Revolution is the main evolution of our country.

It having Big Data, Internet of Things and cloud is the field of that enhance the revolution. It has better communication condition in a faster network and more efficient in the industry.

2. Why technology has to become more human:

It is more convenience (personalized, quick and soon), simplification (make something, complex which is more simple, accessible and faster), greater inclusion (High speed excluding less tech-ang)

3. How make technology more human-friendly?

- It helps develop a relationship, device, software and the brand.

- To add your human touch - listen to customer's needs, to design matters.

- The way real people think and human touch as possible (Leverage consumer-centric platform)

4. Advance humanity.

Humanizing technology should be about more than making technology look, sound and feel human

4. What is humanizing technology?

- Humanizing technology is natural progression of digital journey (Steve Jobs)

- Humanizing technology will require software - reverse-engineered from the human experience

- Humans experience the world through our five senses

5. Humanizing Science and Technology

- Intellectualization (Human-machine) - Technology makes machine think like human

- Virtualization (Reality-virtual) - New products based on U2U, VR/AR and so on

- Hyper-connection (Human things) - Proliferation of digital network and mobile devices

6. Transformation of Future Society.

4IR technology (Big data, Network communication, Cloud and HPC Analytics)

Humanizing technology (human & machine, real world and virtual world, smart technology)

Big Data, Linked Data and the clouds.

advanced geospatial mapping, access anywhere anytime, complex data processing.

Still have at the back

