



Professor Dr Zainuddin Abdul Manan shared Universiti

Teknologi Malaysia (UTM)'s post

13 July at 08:08 · 🌐



Universiti Teknologi Malaysia (UTM)

12 July at 08:53 · 🌐

"UTM 4.0 Academic Programme very much reflected the 4IR where we leverage on the industry 4.0 technologies. It involves the 21st century curriculum, new academia learning innovation, gamification, industrial lot lab, learning analytics, cyber-physical systems"

- Prof Dr Rose Alinda Alias

UTM 4.0 for 4th Industrial Revolution

@New Straits Times

#UTM

**UTM 4.0**

## On the brink of a revolution

In order to survive the pace of digital change, tertiary education institutions need to embrace the concept of University 4.0 to be relevant to prospective students.

According to Universiti Teknologi Malaysia's UTM 4.0 for 4th Industrial Revolution Task Force head Professor Dr Rose Alinda Alias, UTM is set to adapt to the demands of a modern and sophisticated era.

"UTM 4.0 for 4th Industrial Revolution is an initiative that is responsive to the impact of digitalisation.

"The initiative is driven by new and innovative technologies that will cater to and meet expectations of future jobs," she said.

Rose Alinda said the impacts of the Fourth Industrial Revolution (4IR) begins in the manufacturing industry.

She said higher education plays a critical role as universities produce talents, namely the graduates for future jobs.

Thus, she added, an important question that has to be addressed is how higher education in

### UTM 4.0 FOR THE FOURTH INDUSTRIAL REVOLUTION JOURNEY

- 2010 — Research University
- 2011 — University Global Plan (New Academia- UTM As A Global Brand)
- 2012 — New Academia Learning Innovation
- 2013 — Soul of Higher Learning
- 2014 — Big Data Centre
- 2015 — Blended learning, UTM, Massachusetts Institute of Technology and Bioscience (Blended Learning Open Source Science or Math Studies)
- 2016 — Media and Game Innovation Centre of Excellence (Magic3D) launch
- 2017 — Data and Social Media Analytics (big, research budget and indexed publications)

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