

industrial talk 4.0: A look into the past, present, and future

Mr. RADZUAN SHAH YUSOF and Dr. NIC KAMAL IZUDDIN NIC IBRAHIM

Director Southern Strategic Economic Region, Telecom Malaysia, director Head of Digital Architecture UTMDigital

epo.org

Abstract

The fourth industrial revolution depicts a world where people move between computerized spaces and offline reality with the utilize of associated innovation to empower and oversee their lives. The primary industrial revolution changed our lives and economy from an agrarian and craftsmanship economy to one overwhelmed by industry and machine fabricating. Oil and electricity facilitated mass generation within the moment of industrial transformation. Within the third mechanical transformation, data innovation was utilized to robotize generation.

blog.ebv.com



Introduction

The fourth Industrial Revolution fundamentally have changed our daily lives. A very interesting enterprise was held on 24th November 2020, this informative program is called Industrial Talk. It runs and comes to pass online through WebEx, moreover, there was alive share video on Facebook as well. the workshop started from 10.00 A.m. until 11.20 A.M. First-year Understudies from the School of Computing Building who are taking information technology system subjects are required to connect and join the webinar. It was as it were one session which could be a conversation approximately industrial revaluation (4IR) 4.0 within the past, present, and future Industrial Applications.

Implication of the 4IR for Education system in UTM and MALAYSIA

International Sites	Online Marketplace	B2C / Specialty Store
Ticketing / Travel	Deal Sites	Luxury Shopping
Lifestyle Shopping	Online Grocery	Online Food Delivery
	Penny Auction	Online Classified

ecommerceilio.com (2019)



As the market expands new jobs are founded and more lives are saved from poverty and financial issues. He mentioned about the data centres that are built in Malaysia and their use at storing and processing data as we are speaking the Microsoft data centre in Johor is 40% complete which will play a major role at advancing this era in the local and international market. Be that as it may, 4IR urges the preparation of exchanging information from digital, advanced, computerized spaces and offline reality by means of interconnected frameworks to move forward lives. The innovations in 4IR enter changing ranges, such as the economy, pharmaceutical, education, and instruction. Instructive colleges or universities such as UTM have contributed greatly to reshaping future innovations by being the test research facilities for innovations.

Conclusion

The 4IR is the most recent industrial revolution, with an expanded focus on ICT, technological innovation, advancement, development, creativity, and imagination. The massive amount of the knowledge of 4IR was identified in the taken webinar, specifically huge information about, AI, mechanical technology (robotics), ICT. The suggestions of the 4IR for instruction were considered in this online webinar; in UTM, a new advanced approach to instructing, learning, and abilities improvement is required. A number of challenges were distinguished in adjusting to the 4IR, counting pedagogical adaptation, educator improvement. The 4IR offers a prominent opportunity for cooperation within the advanced economy and collaborative associations around Malaysia.