Library 4.0 and Its Influence in Shaping Future Libraries at Post Covid Era

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Abstract

The sudden and unexpected outbreak of the novel Corona Virus (COVID19) disease unfolds unique challenges to the education system. Libraries around the world are no exceptions. The reality of Library 4.0 seems more imminent in the near future, where it will define the future library system. Library 4.0 can be defined as an intelligent library or form of the next-generation digital library which can analyze the massive data utilization and present the findings to their users. The purpose of this paper is to discuss the evolution of Web 4.0 and its key elements, to highlight Library 4.0 with its key features, to discuss challenges in the construction of Library 4.0 along with the responsibilities of Librarian 4.0. Major Web Search Engine Google Scholar has been utilized to find out scholarly articles that discuss Web 4.0 and Library 4.0. Almost 12 research articles with the time span (1997-2020) have been minutely reviewed. First, this study discovers Web 4.0 as a new web generation which is Ultra Intelligent Electronic Agent, Symbiotic Web, and Read-Write-Execution-Concurrency Web. Secondly, this paper determines the features of Library 4.0 as Intelligent Agent, Internet of Things, Big Data, Artificial Intelligence, Expert System, etc. This paper bears relevant for those Library Professionals who have either dreamt or already started using Web 4.0 technologies in their library. This paper makes them aware of the potential benefits and associated risks of Web 4.0 technologies in libraries. This is also essential for future research on Library 4.0.

Keywords: *Web 4.0, Library 4.0, Intelligent Agents, Augmented Reality, Artificial Intelligence.*