IJARSCT



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

Volume 2, Issue 3, January 2022

A Research of Internet of Things-Based Services

Shrishyam Mishra¹ and Atul Maurya²

Assistant Professor, BSC IT, Suman Education Society's LN College, Borivali East, Mumbai, India Student, BSC IT, Suman Education Society's LN College, Borivali East, Mumbai, India 2

Abstract: This article provides a detailed examination of several Internet of Things (IoT)-based applications. This article describes how the internet of things evolved from mobile computing and ubiquitous computing. It emphasises the reality that items, rather than people, are linked via the internet. Product information, electronic tags, standards expressed, and uploading information are examples of Internet of Things (IOT) features. It makes use of Radio Frequency Identification (RFID) technologies as well as wireless sensor networks (WSN). IoT applications are employed in a variety of industries, including healthcare, supply chain management, defence, and agriculture. Finally, the study concentrates on IOT concerns. Though technology is a blessing, IOT raises important challenges such as privacy and security.

Keywords: Internet of Things, RFID, Electronic Tag, WSN.

REFERENCES

- [1]. Jinghui Huang, Guanyu Li," Descriptive Models for Internet of Things", International Conference on Intelligent Control and Information Processing, August, 2010 Dalian, China.
- [2]. Daqing Zhang, Laurence T. Yang, Hongyu Huang, "Searching in Internet of Things: Vision and Challenges", Ninth IEEE International Symposium on Parallel and Distributed Processing with Applications, 2011.
- [3]. Jinghui Huang, Guanyu Li "A Semantic Analysis for Internet of Things", International Conference on Intelligent Computation Technology and Automation, 2010.
- [4]. Lu Tan, Neng Wang, "Future Internet: The Internet of Things", 3rd International Conference on Advanced Computer Theory and Engineering (ICACTE), 2010.
- [5]. Louis Coetzee, Johan Eksteen," The Internet of Things Promise for the Future? An Introduction ", IST-Africa 2011 Conference Proceedings Paul Cunningham and Miriam Cunningham (Eds) IIMC International Information Management Corporation, ISBN: 978-1-905824-24-3, 2011.