IJARSCT
ISSN (Online) 2581-9429
International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
Volume 2, Issue 2, June 2022
Impact Factor: 6.252

# Review of 5G Technologies with IOT

**Hariom Dubey**
Student, Department of MCA
Late Bhausaheb Hiray S S Trust's Hiray Institute of Computer Application, Mumbai, India

**Abstract:** *The future of mobile wireless communication networks will include 3rd generation,4th generation,5th generation based on cognitive radio which implies the whole wireless world interconnection & WISDOM -wireless innovative system for dynamic operating mega communication concept. This paper is focused on the specifications of future generation and the latest technology to be used in future wireless mobile communication networks. It is the latest iteration of cellular technology that has three main features: greater speed, lower latency, and the ability to connect a lot more devices simultaneously. A commercial 5G wireless network is expected to be deployed by 2020.*

**Keywords:** 5G Technology

## REFERENCES

[1] Almada-lobo F., "Six benefits of Industrie 4.0 for businesses Control Engineering," 2017. [Online].Available:https://www.controleng.com /articles/six-benefits-of-industrie-4-0-forbusinesses/. [Accessed: 04-Dec-2018].
[2] Woodhead R., Stephenson P., and Morrey D., "Digital construction: From point solutions to IoT ecosystem," Autom. Constr., vol. 93, no. October 2017, pp. 35–46, 2018.

[3] Ding L. Y. et al., "Real-time safety early warning system for cross passage construction in Yangtze Riverbed Metro Tunnel based on the internet of things," Autom. Constr., vol. 36, pp. 25–37, 2013.
[4] Burger R.,"How The Internet of Things is Affecting the Construction Industry," 2018. [Online]. Available:https://www.thebalancesmb. com/how-internet-affects-the-constructionindustry-845320. [Accessed: 03-Dec-2018].
[5] PMI, Construction Extension to the PMBOK® Guide. 2016.
[6] Zhong R. Y. et al., "Prefabricated construction enabled by the Internet-of-Things," Autom. Constr., vol. 76, pp. 59–70, 2017.
[7] Duan R., Chen X., and Xing T., "A QoS architecture for IOT," Proc. - 2011 IEEE Int. Conf. Internet Things Cyber, Phys. Soc. Comput. iThings/CPSCom 2011, pp. 717–720, 2011.
[8] Bernal G., Colombo S., Al Ai Baky M., and Casalegno F., "Safety++: Designing IoT and Wearable Systems for Industrial Safety through a User Centered Design Approach," Int. Conf. PErvasive Technol. Relat. to Assist. Environ.,
[9] Gerber A., "Connecting all the things in the Internet of Things – IBM Developer," IoT 101, 2018.[Online].Available:https://developer.ibm.com/articles/iot-lp101-connectivity-networkprotocols/. [Accessed: 10-Dec-2018].
[10] Abdmeziem M. R., Tandjaoui D., and Romdhani L., "Architecting the internet of things: State of the art," Stud. Syst.