5G TECHNOLOGIES AND IT'S IMPACT ON IOT

ABSTRACT:

A disconnected system makes a major challenge for IoT technologies. The ability of 5G to transmit data more quickly and support further links can benefit at once address the present challenge and simplify the connected device control. In contrast, using 4G/LTE networks, 5G will be able to process data quickly, which was a challenge for IoT solutions. The consequence has been long delays from sending data to receiving it. By using the 5G network, more users could continuously send more information without fear of overcrowding the network, leading to delays in the past. The 5G connectivity would allow everyone to realize the IoT technology's strength. Now, IoT potential is vast, but the potential connectivity will come to fruition with 5G technology. Using sensors, "Smart" apps can easily transmit data even from thousands of miles away. In this paper, we discuss the impact and importance of 5G on IoT with its applications. As IoT is more established and essential due to the rapid growth of 5G, we discuss the establishment and necessity of IoT over 5G. Lastly, we focus on the aspect of IoT on updated 5G technology.

Guide Name : Dr.M.Murugesan

(Assistant Professor)

SIGNATURE:

NAME: D.SHARANYA (21C11A05E4)

DATE:

TIME: