**ABTRACT**

**5G TECHNOLOGY**

This paper discusses about 5G-the next big revolution. Existing research work in the mobile communication is related to 5G technology. 5G is the coming fifth generation wireless broadband technology based on the IEEE802.11ac standard. In 5G,researches are related to development of World Wide Wireless Web(WWWW),Dynamic Adhoc Wireless Networks (DAWN), and Real Wireless Comunication.The major contribution of this paper is the key provisions of 5G technology of mobile communication ,which is seen as consumer oriented.

5G technology is to make use of mobile phones with in very high bandwidth. 5G networks are expected to achieve gigabit-level throughput in future cellular networks. In this paper, we analyze the wireless backhaul traffic in two typical network architectures adopting small cell and millimeter wave communication technologies. In the presentation we give idea on 5G advantages and disadvantages.

Submitted by

K.Prerana,

E.Sreevani.