**ABSTRACT**

Technology is there to adhere scientific knowledge in day- to-day life. The purpose of this paper is to give comparative study in the generation of mobile networks. Mobile network hires the use of radio frequencies which can be applied to communicate with several users at the same time. 5G is the most advanced technology in mobile network that overcomes the drawbacks of the previous generations. This paper mainly focuses on architecture, parameters and applications of 5G. 5G enhance the facility of Voice Over Internet Protocol(VOIP)- enabled device. This protocol will make the people to practice a level of call volume and data transmission which is not come acrossed before. 5G technology virtualise the classical data center that helps the user to access their datas in remote.