In this paper the effect of interference of MANET on WIMAX is analyzed. To analyze the performance the MANET nodes are moved using different mobility patterns (Random walk and Random way point). The effect is also analyzed by varying number of cells and number of users. The performance has been analyzed in terms of throughput, traffic sent (voice) and traffic sent (video). The results show that the performance of WIMAX decreases as MANET nodes come into existence in the network but traffic sent (voice) and traffic sent (video) increases.

References


**Index Terms**

Computer Science Wireless

**Keywords**

WIMAX, MANET, OPNET.