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## **PERFORMANCE EVALUATION OF ENERGY EFFICIENT MODIFIED AODV USING CLUSTERING METHOD IN MANET**

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### **ABSTRACT**

*Mobile Ad hoc network is a wireless network without having any settled framework. It comprises of versatile hubs which are free in moving in or out in the system. MANET is ensured common affirmation of member hubs, classification and respectability of traded information, accessibility of the system assets, get to control to the correspondence medium and the secrecy. MANET assaults for the most part incorporate endeavoring to drop bundles, picking up substantiation or acquiring approval by embeddings manufactured parcels into information stream. This paper is displaying vitality effective adjusted AODV directing convention utilizing Clustering technique in MANET. The convention manages different parameters as PDR, vitality utilization, normal end to end delay, and throughput. This convention will be recognize the dark gap assault and enhance the vitality level of MANET.*

**Keywords: AODV, black hole attack, PDR, Energy consumption, throughput & delay.**

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