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## Certificate

*It is here by certified that the paper ID : IJRASET1374, entitled  
A Review of Detection & Prevention Techniques of Black & Gray Hole  
Attacks in MANET*

*by*

*Manan Arora*

*after review is found suitable and has been published in*

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*Good luck for your future endeavors*

*By*

Editor in Chief, IJRASET

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