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## Certificate

*It is here by certified that the paper ID : IJRASET5946, entitled  
**Simulation Based Performance in Terms of Node Energy for Different Proactive and  
Reactive Routing Protocols of MANET***

*by  
**Ashish Srivastava***

*after review is found suitable and has been published in  
Volume 4, Issue XII, December 2016*

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*Good luck for your future endeavors*

By 

Editor in Chief, IJRASET