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## Certificate

*It is here by certified that the paper ID : IJRASET1099, entitled  
An Enhanced Algorithm for Floorplan Design Using Hybrid Ant Colony  
and Particle Swarm Optimization*

*by*

*Prabhjit Kaur*

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

*Volume 2, Issue IX, September 2014*

*in*

*International Journal for Research in Applied Science &  
Engineering Technology*

*Good luck for your future endeavors*

*By [Signature]*

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