



# INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS | ISSN: 2320 - 2882

*An International Open Access, Peer-reviewed, Refereed Journal*

The Board of  
International Journal of Creative Research Thoughts  
Is hereby awarding this certificate to

**Dr. Mr. ARVIND KUNDU**

In recognition of the publication of the paper entitled  
**VERILOG HDL BASED DESIGN AND VERIFICATION OF AREA OPTIMIZED  
AES BASED ON FPGA**

Published In IJCRT ( [www.ijert.org](http://www.ijert.org) ) & 7.97 Impact Factor by Google Scholar

Volume 5 Issue 3 September 2017 , Date of Publication: 21-September-2017

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