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## Certificate

*It is here by certified that the paper ID : IJRASET8850, entitled  
**Study and Analysis of Bandwidth Enhancement using Z-U-T-S Shape  
Structures in an Integrated CPW Fed Printed Monopole Antenna***

*by*

***Dr. Sumit Kumar Gupta***

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

*Volume 5, Issue VII, July 2017*

*in*

*International Journal for Research in Applied Science &  
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