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## Certificate

*It is here by certified that the paper ID : IJRASET46575, entitled*

*The Effect of Different Surface Treatments to Reduce Surface Roughness Before PVD  
Coatings*

*by*

*G. Santhosha Rathnam*

*after review is found suitable and has been published in  
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*Good luck for your future endeavors*

*By [Signature]*

Editor in Chief, IJRASET