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## Certificate

*It is here by certified that the paper ID : IJRASET13824, entitled  
**Investigation of Optimal Temperature Distribution, Mechanical  
Properties and Microstructures of Friction Stir Welded Copper Alloy***

*Joints*

*by*

***P. Rajendra Babu***

*after review is found suitable and has been published in  
Volume 6, Issue II, February 2018  
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