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## Certificate

*It is here by certified that the paper ID : IJRASET8269, entitled  
Microstructures at Interface Regions and Fracture Behavior of Friction Stir Lap  
Welding of Al-Cu*

*by  
Shubhavardhan R N*

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

*By*

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