



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

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

**MR.R. ARULSELVAN**

In recognition of the publication of the paper entitled  
**DESIGN AND OPTIMIZATION OF CENTRIFUGAL IMPELLER OF VARIOUS  
DESIGNS USING CFD**

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

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