



# 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

**Er. R. MAZHUVENTHI, M.E.,**

In recognition of the publication of the paper entitled  
**MICROCONTROLLER BASED STEPPER MOTOR USING CLOSED LOOP  
CONTROLLER OF HIGH SPEED AND TORQUE REGULATION**

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

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