

*Institute of Research In Engineering and Technology (IRET)*

*International Journal of Emerging Trends in  
Electrical and Electronics (IJETEE)*

**(ISSN 2320-9569)**

*Is hereby awarding this certificate to*

**Srinivasa Rao Maturu**

*In recognition of the publication of the paper entitled*

**SENSORLESS PERMANENT MAGNET SYNCHRONOUS MOTORS (PMSM)  
FOR TORQUE RIPPLE REDUCTION**

*Published in Volume 8, Issue 1, October 2013*



**S. G. Malla  
Director  
IRET**

