

## Certificate of Publication



This is to confirm that

T. Vinay , Hemanth, Dr. Pallavi Badry, Dr. Kamalini Devi, Dr. Obulesh Published following article

Chaotic Map Depend Optimization GOA for Tuning of PID Controller Based on AVR System

Volume 4, Issue 8, pp: 1221-1229

www.ijaem.net A Peer Reviewed Journal

International journal of Advances in Engineering and Management (IJAEM)



**Publication Head** 

ISSN: 2395-5252