## IJRAR JOHN SWARD SWARD

Bublication

of

Certificate

## INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS (IJRAR) | IJRAR.ORG

An International Open Access, Peer-reviewed, Refereed Journal E-ISSN: 2348-1269, P-ISSN: 2349-5138

The Board of

International Journal of Research and Analytical Reviews (IJRAR)

Is hereby awarding this certificate to

Dr. V.P. Sakthivel

In recognition of the publication of the paper entitled

## SWARM AND IMMUNE SYSTEM BASED INTELLIGENCE TECHNIQUES FOR OPTIMAL DESIGN OF SYNCHRONOUS GENERATOR

Published In IJRAR ( www.ijrar.org ) UGC Approved - Journal No : 43602 & 7.17 Impact Factor

Volume 4 Issue 2 June 2017, Date of Publication: 19-June-2017

PAPER ID: IJRAR19D1018

Registration ID: 205458



R.B. Joshi

**EDITOR IN CHIEF** 

UGC and ISSN Approved - Scholarly open access journals, Peer-reviewed, and Refereed Journals, Impact factor 7.17 (Calculate by google scholar and Semantic Scholar | Al-Powered Research Tool), Multidisciplinary, Monthly Journal

INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS | IJRAR

An International Scholarly, Open Access, Multi-disciplinary, Indexed Journal

Website: www.ijrar.org | Email: editor@ijrar.org | ESTD: 2014

Manage By: IJPUBLICATION Website: www.ijrar.org | Email ID: editor@ijrar.org