



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

An International Open Access, Peer-reviewed, Refereed Journal

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

Dr.S.NIVAS MCA.,M.Phil.,Ph.D

In recognition of the publication of the paper entitled

AN OPTIMIZATION OF FUZZY ANT COLONY MODEL BASED ROUTING ALGORITHM FOR IMPROVEMENT OF EFFICIENT ROUTING IN COGNITIVE RADIO NETWORKS

Published In IJCRT (www.ijert.org) & 7.97 Impact Factor by Google Scholar

Volume 8 Issue 6 June 2020 , Date of Publication: 15-June-2020

UGC Approved Journal No: 49023 (18)

PAPER ID : IJCRT2006312

Registration ID : 195797

Scholarly open access journals, Peer-reviewed, and Refereed Journals, Impact factor 7.97 (Calculate by google scholar and Semantic Scholar | AI-Powered Research Tool) , Multidisciplinary, Monthly Journal




EDITOR IN CHIEF

INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS | IJCRT
An International Scholarly, Open Access, Multi-disciplinary, Indexed Journal

Website: www.ijcrt.org | Email id: editor@ijcrt.org | ESTD: 2013



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

An International Open Access, Peer-reviewed, Refereed Journal

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

Dr.N.ULAGANATHAN

In recognition of the publication of the paper entitled
AN OPTIMIZATION OF FUZZY ANT COLONY MODEL BASED ROUTING ALGORITHM FOR IMPROVEMENT OF EFFICIENT ROUTING IN COGNITIVE RADIO NETWORKS

Published In IJCRT (www.ijert.org) & 7.97 Impact Factor by Google Scholar

Volume 8 Issue 6 June 2020 , Date of Publication: 15-June-2020

UGC Approved Journal No: 49023 (18)

PAPER ID : IJCRT2006312

Registration ID : 195797

Scholarly open access journals, Peer-reviewed, and Refereed Journals, Impact factor 7.97 (Calculate by google scholar and Semantic Scholar | AI-Powered Research Tool) , Multidisciplinary, Monthly Journal




EDITOR IN CHIEF

INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS | IJCRT
An International Scholarly, Open Access, Multi-disciplinary, Indexed Journal

Website: www.ijcrt.org | Email id: editor@ijcrt.org | ESTD: 2013