



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.M ANANDAN

In recognition of the publication of the paper entitled
**OPTIMAL COOPERATIVE DATA TRANSMISSION OVER SC-FDMA
CHANNEL ESTIMATION ON LTE-A BASED NETWORKS**

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

Volume 10 Issue 5 May 2022 , Date of Publication: 02-May-2022

UGC Approved Journal No: 49023 (18)

PAPER ID : IJCRT2205079

Registration ID : 218732

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

Chennupati Lokesh

In recognition of the publication of the paper entitled
**OPTIMAL COOPERATIVE DATA TRANSMISSION OVER SC-FDMA
CHANNEL ESTIMATION ON LTE-A BASED NETWORKS**

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

Volume 10 Issue 5 May 2022 , Date of Publication: 02-May-2022

UGC Approved Journal No: 49023 (18)

PAPER ID : IJCRT2205079

Registration ID : 218732

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

HEMANTH REDDY NANDIPATI

In recognition of the publication of the paper entitled

OPTIMAL COOPERATIVE DATA TRANSMISSION OVER SC-FDMA CHANNEL ESTIMATION ON LTE-A BASED NETWORKS

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

Volume 10 Issue 5 May 2022 , Date of Publication: 02-May-2022

UGC Approved Journal No: 49023 (18)

PAPER ID : IJCRT2205079

Registration ID : 218732

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

VALLURI LAKSHMI PRASANNA

In recognition of the publication of the paper entitled
**OPTIMAL COOPERATIVE DATA TRANSMISSION OVER SC-FDMA
CHANNEL ESTIMATION ON LTE-A BASED NETWORKS**

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

Volume 10 Issue 5 May 2022 , Date of Publication: 02-May-2022

UGC Approved Journal No: 49023 (18)

PAPER ID : IJCRT2205079

Registration ID : 218732

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