Certificate of Publication



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

RASIK PATEL

In recognition of the publication of the paper entitled

BIO MATRIX AUTHENTICATION TECHNIQUES FOR SPEECH ANALYSIS AND SPEAKER IDENTIFICATION BY USING MFCC DATA MINING **TECHNIQUES**

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

Volume 8 Issue 4 April 2020, Date of Publication: 16-April-2020

UGC Approved Journal Mo: 49023 (18) 2320-2882

PAPER ID: IJCRT2004244

Registration ID: 193516

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



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





Certificate of Publication



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

YOGESH PATEL

In recognition of the publication of the paper entitled

BIO MATRIX AUTHENTICATION TECHNIQUES FOR SPEECH ANALYSIS AND SPEAKER IDENTIFICATION BY USING MFCC DATA MINING **TECHNIQUES**

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

Volume 8 Issue 4 April 2020, Pate of Publication: 16-April-2020

UGC Approved Journal 18, 49023 (18)

PAPER ID: IJCRT2004244

Registration ID: 193516

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



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



EDITOR IN CHIEF