



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

C. Pothiraj

In recognition of the publication of the paper entitled
**DIRECTED FERMENTATION OF WATER HYACINTH BIOMASS INTO
BIOETHANOL USING MONO, CO-CULTURES OF SELECTED FUNGAL
STRAINS ALONG WITH PICHIA STIPITIS**

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

Volume 9 Issue 3 March 2021 , Date of Publication: 05-March-2021

UGC Approved Journal No: 49023 (18)

PAPER ID : IJCRT2103425

Registration ID : 204168

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



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



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

R. M. Gobinath

In recognition of the publication of the paper entitled
**DIRECTED FERMENTATION OF WATER HYACINTH BIOMASS INTO
BIOETHANOL USING MONO, CO-CULTURES OF SELECTED FUNGAL
STRAINS ALONG WITH PICHIA STIPITIS**

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

Volume 9 Issue 3 March 2021 , Date of Publication: 05-March-2021

UGC Approved Journal No: 49023 (18)

PAPER ID : IJCRT2103425

Registration ID : 204168

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

P. Ayyappan

In recognition of the publication of the paper entitled
**DIRECTED FERMENTATION OF WATER HYACINTH BIOMASS INTO
BIOETHANOL USING MONO, CO-CULTURES OF SELECTED FUNGAL
STRAINS ALONG WITH PICHIA STIPITIS**

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

Volume 9 Issue 3 March 2021 , Date of Publication: 05-March-2021

UGC Approved Journal No: 49023 (18)

PAPER ID : IJCRT2103425

Registration ID : 204168

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



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



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 R Jayakumararaj

In recognition of the publication of the paper entitled
**DIRECTED FERMENTATION OF WATER HYACINTH BIOMASS INTO
BIOETHANOL USING MONO, CO-CULTURES OF SELECTED FUNGAL
STRAINS ALONG WITH PICHIA STIPITIS**

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

Volume 9 Issue 3 March 2021 , Date of Publication: 05-March-2021

UGC Approved Journal No: 49023 (18)

PAPER ID : IJCRT2103425

Registration ID : 204168

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



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