

International Journal of Scientific Development and Research

IJSDR.ORG | ISSN : 2455-2631



An International Open Access, Peer-reviewed, Refereed Journal

The Board of
International Journal of Scientific Development and Research
Is hereby awarding certificate to
Hemant Panchal

In recognition of the publication of the paper entitled
Effect of Titanium and Boron on grain refining mechanism of aluminum: A Review
Published in Volume 5 Issue 5, May-2020, | Impact Factor: 9.15 by Google Scholar

Co-Authors - Sunil Kahar, Ashutosh Singh, Nikita Solanki, Dishant Malaviya



Paper ID - IJSDR2005102
Registration ID - 191871


Editor-in Chief

An International Scholarly, Open Access, Multi-disciplinary, Monthly, Indexing in all Major Database & Metadata, Citation Generator

IJSDR - International Journal of Scientific Development and Research | ESTD: 2016

www.ijedr.org | editor@ijedr.org

Certificate of Publication

IJSDR | ISSN : 2455-2631

International Journal of Scientific Development and Research

IJSDR.ORG | ISSN : 2455-2631



An International Open Access, Peer-reviewed, Refereed Journal

The Board of
International Journal of Scientific Development and Research
Is hereby awarding certificate to
Sunil Kahar

In recognition of the publication of the paper entitled
Effect of Titanium and Boron on grain refining mechanism of aluminum: A Review
Published in Volume 5 Issue 5, May-2020, | Impact Factor: 9.15 by Google Scholar

Co-Authors - Hemant Panchal, Ashutosh Singh, Nikita Solanki, Dishant Malaviya



Paper ID - IJSDR2005102
Registration ID - 191871


Editor-in Chief

An International Scholarly, Open Access, Multi-disciplinary, Monthly, Indexing in all Major Database & Metadata, Citation Generator

IJSDR - International Journal of Scientific Development and Research | ESTD: 2016

www.ijedr.org | editor@ijedr.org

Certificate of Publication

IJSDR | ISSN : 2455-2631

International Journal of Scientific Development and Research

IJSDR.ORG | ISSN : 2455-2631



An International Open Access, Peer-reviewed, Refereed Journal

The Board of
International Journal of Scientific Development and Research

Is hereby awarding certificate to

Ashutosh Singh

In recognition of the publication of the paper entitled
Effect of Titanium and Boron on grain refining mechanism of aluminum: A Review

Published in Volume 5 Issue 5, May-2020, | Impact Factor: 9.15 by Google Scholar

Co-Authors - Hemant Panchal, Sunil Kahar, Nikita Solanki, Dishant Malaviya



Paper ID - IJSDR2005102
Registration ID - 191871


Editor-in Chief

An International Scholarly, Open Access, Multi-disciplinary, Monthly, Indexing in all Major Database & Metadata, Citation Generator

IJSDR - International Journal of Scientific Development and Research | ESTD: 2016

www.ijedr.org | editor@ijedr.org

Certificate of Publication

IJSDR | ISSN : 2455-2631

International Journal of Scientific Development and Research

IJSDR.ORG | ISSN : 2455-2631



An International Open Access, Peer-reviewed, Refereed Journal

The Board of
International Journal of Scientific Development and Research
Is hereby awarding certificate to

Nikita Solanki

In recognition of the publication of the paper entitled
Effect of Titanium and Boron on grain refining mechanism of aluminum: A Review
Published in Volume 5 Issue 5, May-2020, | Impact Factor: 9.15 by Google Scholar

Co-Authors - Hemant Panchal, Sunil Kahar, Ashutosh Singh, Dishant Malaviya



Paper ID - IJSDR2005102
Registration ID - 191871


Editor-in Chief

An International Scholarly, Open Access, Multi-disciplinary, Monthly, Indexing in all Major Database & Metadata, Citation Generator

IJSDR - International Journal of Scientific Development and Research | ESTD: 2016

www.ijedr.org | editor@ijedr.org

Certificate of Publication

IJSDR | ISSN : 2455-2631

International Journal of Scientific Development and Research

IJSDR.ORG | ISSN : 2455-2631



An International Open Access, Peer-reviewed, Refereed Journal

The Board of
International Journal of Scientific Development and Research

Is hereby awarding certificate to

Dishant Malaviya

In recognition of the publication of the paper entitled

Effect of Titanium and Boron on grain refining mechanism of aluminum: A Review

Published in Volume 5 Issue 5, May-2020, | Impact Factor: 9.15 by Google Scholar

Co-Authors - Hemant Panchal, Sunil Kahar, Ashutosh Singh, Nikita Solanki



Paper ID - IJSDR2005102
Registration ID - 191871


Editor-in Chief

An International Scholarly, Open Access, Multi-disciplinary, Monthly, Indexing in all Major Database & Metadata, Citation Generator

IJSDR - International Journal of Scientific Development and Research | ESTD: 2016

www.ijedr.org | editor@ijedr.org

Certificate of Publication

IJSDR | ISSN : 2455-2631