

## 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

Santosh Kumar Mallick

In recognition of the publication of the paper entitled

OPERATIONAL EFFICIENCY OF SOLAR CELL USING MPPT AND IMPROVEMENT OF ITS EFFICIENCY USING BOOST CONVERTER

Published in Volume 1 Issue 5, May-2016, | Impact Factor: 9.15 by Google Scholar

Co-Authors - Tapaswinee Panda, Sindhu Kumari, Subham Kumar

Paper ID - IJSDR1605117 Registration ID - 160397





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









# 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

**Tapaswinee Panda** 

In recognition of the publication of the paper entitled

OPERATIONAL EFFICIENCY OF SOLAR CELL USING MPPT AND IMPROVEMENT OF ITS EFFICIENCY USING BOOST CONVERTER

Published in Volume 1 Issue 5, May-2016, | Impact Factor: 9.15 by Google Scholar

Co-Authors - Santosh Kumar Mallick, Sindhu Kumari, Subham Kumar

Paper ID - IJSDR1605117 Registration ID - 160397





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









## 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

Sindhu Kumari

In recognition of the publication of the paper entitled

OPERATIONAL EFFICIENCY OF SOLAR CELL USING MPPT AND IMPROVEMENT OF ITS EFFICIENCY USING BOOST CONVERTER

Published in Volume 1 Issue 5, May-2016, | Impact Factor: 9.15 by Google Scholar

Co-Authors - Santosh Kumar Mallick, Tapaswinee Panda, Subham Kumar

Paper ID - IJSDR1605117 Registration ID - 160397





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







# 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

**Subham Kumar** 

In recognition of the publication of the paper entitled

OPERATIONAL EFFICIENCY OF SOLAR CELL USING MPPT AND IMPROVEMENT OF ITS EFFICIENCY USING BOOST CONVERTER

Published in Volume 1 Issue 5, May-2016, | Impact Factor: 9.15 by Google Scholar

Co-Authors - Santosh Kumar Mallick, Tapaswinee Panda, Sindhu Kumari

Paper ID - IJSDR1605117 Registration ID - 160397





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



