



# 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

**AJAZ AHMAD GANAI**

In recognition of the publication of the paper entitled  
**PREDICTIVE MODELLING OF ENERGY DEMAND AND INTEGRATION OF RENEWABLE ENERGY SOURCES THROUGH HYBRID APPROACHES**

Published In IJCRT ( [www.ijert.org](http://www.ijert.org) ) & 7.97 Impact Factor by Google Scholar

Volume 13 Issue 1 January 2025 , Date of Publication: 18-January-2025

UGC Approved Journal No: 49023 (18)

PAPER ID : IJCRT2501381

Registration ID : 275790

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](http://www.ijcrt.org) | Email id: [editor@ijcrt.org](mailto: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

**KAMALJEET SINGH**

In recognition of the publication of the paper entitled  
**PREDICTIVE MODELLING OF ENERGY DEMAND AND INTEGRATION OF RENEWABLE ENERGY SOURCES THROUGH HYBRID APPROACHES**

Published In IJCRT ( [www.ijert.org](http://www.ijert.org) ) & 7.97 Impact Factor by Google Scholar

Volume 13 Issue 1 January 2025 , Date of Publication: 18-January-2025

UGC Approved Journal No: 49023 (18)

PAPER ID : IJCRT2501381

Registration ID : 275790

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](http://www.ijcrt.org) | Email id: [editor@ijcrt.org](mailto: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

**PARWINDER SINGH**

In recognition of the publication of the paper entitled  
**PREDICTIVE MODELLING OF ENERGY DEMAND AND INTEGRATION OF RENEWABLE ENERGY SOURCES THROUGH HYBRID APPROACHES**

Published In IJCRT ( [www.ijert.org](http://www.ijert.org) ) & 7.97 Impact Factor by Google Scholar

Volume 13 Issue 1 January 2025 , Date of Publication: 18-January-2025

UGC Approved Journal No: 49023 (18)

PAPER ID : IJCRT2501381

Registration ID : 275790

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](http://www.ijcrt.org) | Email id: [editor@ijcrt.org](mailto:editor@ijcrt.org) | ESTD: 2013