



# Journal of Emerging Technologies and Innovative Research

An International Open Access Journal Peer-reviewed, Refereed Journal

[www.jetir.org](http://www.jetir.org) | [editor@jetir.org](mailto:editor@jetir.org) An International Scholarly Indexed Journal

## Certificate of Publication

The Board of

Journal of Emerging Technologies and Innovative Research (ISSN : 2349-5162)

Is hereby awarding this certificate to

**Sourabh Solanki**

In recognition of the publication of the paper entitled

**Review Paper on Energy-Efficient Cluster-Based Routing Protocol for  
Wireless Sensor Networks**

Published In JETIR ( [www.jetir.org](http://www.jetir.org) ) ISSN UGC Approved (Journal No: 63975) & 7.95 Impact Factor

Published in Volume 7 Issue 2 , February-2020 | Date of Publication: 2020-02-14

*Parisa P*

EDITOR

EDITOR IN CHIEF

JETIR2002215

Research Paper Weblink <http://www.jetir.org/view?paper=JETIR2002215>

Registration ID : 227892





# Journal of Emerging Technologies and Innovative Research

An International Open Access Journal Peer-reviewed, Refereed Journal

[www.jetir.org](http://www.jetir.org) | [editor@jetir.org](mailto:editor@jetir.org) An International Scholarly Indexed Journal

## Certificate of Publication

The Board of

Journal of Emerging Technologies and Innovative Research (ISSN : 2349-5162)

Is hereby awarding this certificate to

**Munna Lal Jatav**

In recognition of the publication of the paper entitled

**Review Paper on Energy-Efficient Cluster-Based Routing Protocol for  
Wireless Sensor Networks**

Published In JETIR ( [www.jetir.org](http://www.jetir.org) ) ISSN UGC Approved (Journal No: 63975) & 7.95 Impact Factor

Published in Volume 7 Issue 2 , February-2020 | Date of Publication: 2020-02-14

*Parisa P*

EDITOR

EDITOR IN CHIEF

**JETIR2002215**

Research Paper Weblink <http://www.jetir.org/view?paper=JETIR2002215>

Registration ID : 227892





# Journal of Emerging Technologies and Innovative Research

An International Open Access Journal Peer-reviewed, Refereed Journal

www.jetir.org | editor@jetir.org An International Scholarly Indexed Journal

## Certificate of Publication

The Board of

Journal of Emerging Technologies and Innovative Research (ISSN : 2349-5162)

Is hereby awarding this certificate to

**Dr. J.V. Ogale**

In recognition of the publication of the paper entitled

**Review Paper on Energy-Efficient Cluster-Based Routing Protocol for  
Wireless Sensor Networks**

Published In JETIR ( www.jetir.org ) ISSN UGC Approved (Journal No: 63975) & 7.95 Impact Factor

Published in Volume 7 Issue 2 , February-2020 | Date of Publication: 2020-02-14

*Paria P*

EDITOR

*[Signature]*

EDITOR IN CHIEF

JETIR2002215

Research Paper Weblink <http://www.jetir.org/view?paper=JETIR2002215>

Registration ID : 227892



An International Scholarly Open Access Journal, Peer-Reviewed, Refereed Journal Impact Factor Calculate by Google Scholar and Semantic Scholar | AI-Powered Research Tool, Multidisciplinary, Monthly, Multilanguage Journal Indexing in All Major Database & Metadata, Citation Generator



# Journal of Emerging Technologies and Innovative Research

An International Open Access Journal Peer-reviewed, Refereed Journal

[www.jetir.org](http://www.jetir.org) | [editor@jetir.org](mailto:editor@jetir.org) **An International Scholarly Indexed Journal**

## Certificate of Publication

The Board of

Journal of Emerging Technologies and Innovative Research (ISSN : 2349-5162)

Is hereby awarding this certificate to

**Bharti Mehra**

In recognition of the publication of the paper entitled

**Review Paper on Energy-Efficient Cluster-Based Routing Protocol for  
Wireless Sensor Networks**

Published In JETIR ( [www.jetir.org](http://www.jetir.org) ) ISSN UGC Approved (Journal No: 63975) & 7.95 Impact Factor

Published in Volume 7 Issue 2 , February-2020 | Date of Publication: 2020-02-14

*Parisa P*

EDITOR

EDITOR IN CHIEF

**JETIR2002215**

**Research Paper Weblink <http://www.jetir.org/view?paper=JETIR2002215>**

**Registration ID : 227892**

