



# 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

**Pallvi kakkar**

In recognition of the publication of the paper entitled

**A Product Review System using Sentiment Analysis with Cuckoo Search  
and Deep Learning Technique**

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

Published in Volume 8 Issue 7 , July-2021 | Date of Publication: 2021-07-19

*Parisa P*

EDITOR

EDITOR IN CHIEF

**JETIR2107413**

**Research Paper Weblink <http://www.jetir.org/view?paper=JETIR2107413>**

**Registration ID : 312660**



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 | 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

**Vandana Pushe**

In recognition of the publication of the paper entitled

**A Product Review System using Sentiment Analysis with Cuckoo Search  
and Deep Learning Technique**

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

Published in Volume 8 Issue 7 , July-2021 | Date of Publication: 2021-07-19

*Parisa P*

EDITOR

EDITOR IN CHIEF

**JETIR2107413**

**Research Paper Weblink <http://www.jetir.org/view?paper=JETIR2107413>**

**Registration ID : 312660**



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