



ISSN No. : 2321-9653

# iJRASET

International Journal for Research in Applied  
Science & Engineering Technology

iJRASET is indexed with Crossref for DOI-DOI : 10.22214

Website : [www.ijraset.com](http://www.ijraset.com), E-mail : [ijraset@gmail.com](mailto:ijraset@gmail.com)

## Certificate

*It is here by certified that the paper ID : IJRASET22522, entitled*  
*A Review of Wireless Sensor Networks and Clustering Topologies*

*by*  
*Amitosh Pandey*

*after review is found suitable and has been published in*  
*Volume 7, Issue V, May 2019*  
*in*  
*International Journal for Research in Applied Science &*  
*Engineering Technology*  
*(International Peer Reviewed and Refereed Journal)*  
*Good luck for your future endeavors*

*By [Signature]*

Editor in Chief, iJRASET

 ISRA

ISRA Journal Impact  
Factor: 7.429

 45.98  
INDEX COPERNICUS

 THOMSON REUTERS  
Researcher ID: N-9681-2016

 doi 10.22214/iJRASET  
cross ref

 TOGETHER WE REACH THE GOAL  
SCOPUS  
SCIENTIFIC JOURNAL IMPACT FACTOR  
SJIF 7.429



ISSN No. : 2321-9653

# iJRASET

International Journal for Research in Applied  
Science & Engineering Technology

iJRASET is indexed with Crossref for DOI-DOI : 10.22214

Website : [www.ijraset.com](http://www.ijraset.com), E-mail : [ijraset@gmail.com](mailto:ijraset@gmail.com)

## Certificate

*It is here by certified that the paper ID : IJRASET22522, entitled*  
*A Review of Wireless Sensor Networks and Clustering Topologies*

*by*

*Akhilesh Kumar Maurya*

*after review is found suitable and has been published in*

*Volume 7, Issue V, May 2019*

*in*

*International Journal for Research in Applied Science &  
Engineering Technology*

*(International Peer Reviewed and Refereed Journal)*

*Good luck for your future endeavors*

*By [Signature]*

Editor in Chief, iJRASET

JISRA  
F

ISRA Journal Impact  
Factor: 7.429

45.98  
INDEX COPERNICUS

THOMSON REUTERS  
Researcher ID: N-9681-2016

doi 10.22214/IJRASET  
cross ref

Scopus  
TOGETHER WE REACH THE GOAL  
SJIF 7.429