



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 : IJRASET12464, entitled*

*DEPSO-â€œHybrid Differential Evolution and Particle Swarm Optimizationâ€•: A  
Improve Scheme for WSN Node Deployment*

*by*

*Sumit Kumar*

*after review is found suitable and has been published in  
Volume 5, Issue XII, December 2017*

*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**  
JOURNAL  
IMPACT  
FACTOR

ISRA Journal Impact  
Factor: **7.429**



**45.98**  
INDEX COPERNICUS



**THOMSON REUTERS**  
Researcher ID: N-9681-2016



**doi** 10.22214/IJRASET  
**crossref**



**TOGETHER WE REACH THE GOAL**  
**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 : IJRASET12464, entitled*

*DEPSO-â€œHybrid Differential Evolution and Particle Swarm Optimizationâ€•: A  
Improve Scheme for WSN Node Deployment*

*by*

*Dr.R.K. Chauhan*

*after review is found suitable and has been published in  
Volume 5, Issue XII, December 2017*

*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**

ISRA Journal Impact  
Factor: **7.429**



**45.98**

INDEX COPERNICUS



THOMSON REUTERS  
Researcher ID: N-9681-2016



TOGETHER WE REACH THE GOAL  
SJIF 7.429