



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 : IJRASET12405, entitled*

*An Optimized Hybrid Filter Designing for Speckle Noise Reduction in Ultrasound  
Images*

*by*

*Archana Madan*

*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**

INDEX COPERNICUS



THOMSON REUTERS  
Researcher ID: N-9681-2016



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 : IJRASET12405, entitled*

*An Optimized Hybrid Filter Designing for Speckle Noise Reduction in Ultrasound  
Images*

*by*

*Er. Daljit Singh*

*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

J<sup>o</sup>urnal  
S<sup>ci</sup>ence &  
R<sup>es</sup>earch  
A<sup>cad</sup>emic  
T<sup>e</sup>chnology

ISRA Journal Impact  
Factor: 7.429



INDEX COPERNICUS



THOMSON REUTERS  
Researcher ID: N-9681-2016

doi 10.22214/IJRASET  
cross ref



TOGETHER WE REACH THE GOAL  
SJIF 7.429