



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 : IJRASET4184, entitled  
Performance And Emission Characteristics Of Four Stroke Diesel  
Engine With Karanja And Cotton Seed Biodiesels Blended With Diesel  
As Fuel*

*by*

*Prof. R. Ramachandra*

*after review is found suitable and has been published in  
Volume 4, Issue III, March 2016  
in*

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

*Good luck for your future endeavors*

*Ry*

Editor in Chief, IJRASET

ISRA  
JIF

ISRA Journal Impact  
Factor : 5.947



45.98  
INDEX COPERNICUS



THOMSON REUTERS  
Researcher ID: N-9581-2016



TOGETHER WE REACH THE GOAL  
IMPACT FACTOR : 7.177



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 : IJRASET4184, entitled  
Performance And Emission Characteristics Of Four Stroke Diesel  
Engine With Karanja And Cotton Seed Biodiesels Blended With Diesel  
As Fuel*

*by*

*Prof. V. Pandurangadu*

*after review is found suitable and has been published in  
Volume 4, Issue III, March 2016  
in*

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

*Good luck for your future endeavors*

*By [Signature]*

Editor in Chief, IJRASET

ISRA  
JIF

ISRA Journal Impact  
Factor : 5.947



45.98  
INDEX COPERNICUS



THOMSON REUTERS  
Researcher ID: N-9581-2016



TOGETHER WE REACH THE GOAL  
IMPACT FACTOR : 7.177



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 : IJRASET4184, entitled  
Performance And Emission Characteristics Of Four Stroke Diesel  
Engine With Karanja And Cotton Seed Biodiesels Blended With Diesel  
As Fuel*

*by*

*K.Ashok Kumar Raju*

*after review is found suitable and has been published in  
Volume 4, Issue III, March 2016  
in*

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

*Good luck for your future endeavors*

*By [Signature]*

Editor in Chief, IJRASET

ISRA  
JIF

ISRA Journal Impact  
Factor : 5.947



45.98  
INDEX COPERNICUS



THOMSON REUTERS  
Researcher ID: N-9581-2016



TOGETHER WE REACH THE GOAL  
IMPACT FACTOR : 7.177