



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)

ISRA  
JIF

ISRA Journal Impact  
Factor: 7.429



45.98  
INDEX COPERNICUS



THOMSON REUTERS  
Researcher ID: N-9581-2016



TOGETHER WE REACH THE GOAL  
SJIF 7.429

## Certificate

*It is here by certified that the paper ID : IJRASET36941, entitled  
Numerical Investigation of Mass Transfer in PEM Fuel Cell with Straight Gas Flow  
Channels using CFD*

*by*

***Khemanshu Kumar Sahu***

*after review is found suitable and has been published in  
Volume 9, Issue VII, July 2021*

*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**



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)

ISRA  
JIF

ISRA Journal Impact  
Factor: 7.429



45.98  
INDEX COPERNICUS



THOMSON REUTERS  
Researcher ID: N-9581-2016



TOGETHER WE REACH THE GOAL  
SJIF 7.429

## Certificate

*It is here by certified that the paper ID : IJRASET36941, entitled  
Numerical Investigation of Mass Transfer in PEM Fuel Cell with Straight Gas Flow  
Channels using CFD*

*by*

*Mr. Kunal Pansari*

*after review is found suitable and has been published in  
Volume 9, Issue VII, July 2021*

*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