



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 : IJRASET22417, entitled  
Dimensional Analysis for Determining Optimal Discharge and Penstock  
Diameter in Reaction Turbines*

*by*

*Pradip B. Neman*

*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*

*Good luck for your future endeavors*

*By [Signature]*

Editor in Chief, IJRASET



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 : IJRASET22417, entitled  
Dimensional Analysis for Determining Optimal Discharge and Penstock  
Diameter in Reaction Turbines*

*by*

*Mahendra N. Umare*

*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*

*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