



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, E-mail : 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 : IJRASET26118, entitled

*Detailed Investigation of Phenomenon "MIXED ALKALI EFFECT" by Doping
Alkali Ions with different Cationic Sizes with Equal Molar Concentration in Borate Glasses. An
Ultrasonic Study at 10 MHz and Explanation by "Random Network Model"*

by

Vasanthakumar E. G

after review is found suitable and has been published in

Volume 7, Issue XII, December 2019

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