



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)

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Factor: 7.429



45.98  
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## Certificate

*It is here by certified that the paper ID : IJRASET15753, entitled  
An Empirical Relation for Calculation of Plasmon Energy of Ternary-Chalcopyrite  
Semi-conductors*

*by*

*Ajay Kumar Sharma*

*after review is found suitable and has been published in  
Volume 6, Issue IV, April 2018  
in*

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

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Editor in Chief, IJRASET