

Managing Editor Board

- ❖ Dr. Valsamma KM, India
- ❖ Dr. Darfi Salah, Morocco
- ❖ Dr. Farhan Lafta Rashid, Iraq
- ❖ Dr. K. Boubaker, Tunisia
- ❖ Dr. Md Jahangir Alam, Bangladesh
- ❖ Dr. Krzysztof Sokalski, Poland

International Editorial Board

- ❖ Dr. Pragya Ojha, India
- ❖ Dr. Viswas Purohit, India
- ❖ Dr. Shailendra Kumar Tiwary, India
- ❖ Dr. Saad Bakkali, Morocco
- ❖ Dr. K.P.Tiwary, India
- ❖ Dr. S. Asath Bahadur, India
- ❖ Dr. Sukhmander Singh, India
- ❖ Dr. K.Veerabrahmam, India
- ❖ Dr. Praveena Kuruva, India
- ❖ Dr. Laith Al-Sabha, Iraq

Contact Us

Website URL : www.iosrjournals.org
Email : support@iosrmail.org



Qatar Office:

IOSR Journals
Salwa Road
Near to KFC and Aziz
Petrol Station,
DOHA, Qatar

India Office:

EHTP, National Highway
8, Block A, Sector 34,
Gurugram, Haryana
122001

Australia Office:

43, Ring Road,
Richmond Vic 3121
Australia

New York Office:

8th floor, Straight hub,
NS Road, New York,
NY 10003-9595



IOSR Journals

International Organization
of Scientific Research

e-ISSN : 2278-4861

Volume : 10 Issue : 6 (Version - I)

Nov. - Dec. 2018

Contents:

Rethinking Quantum Mechanics	01-08
Calibration of Cellulose Nitrate (C ₆ H ₈ O ₈ N ₂) Solid State Nuclear Track Detector CN-85 (LR-115, Type II) for the Measurements of Radon concentration	09-11
A study of covalency of Erbium and Neodymium ternary complexes in Alanine and Urea	12-16
Measurements of K- shell X-ray production cross-sections and fluorescence yield for 31Ga element	17-20
Dielectric Measurements on undoped and urea added DSHP Single Crystals	21-25
Regarding the Total Time Derivative of the Radius	26-27
Solar Water Heater: Black Versus Transparent Hosepipe Heat Absorbers	28-34
Crop Yield Prediction Using Solar Activity	35-43
Structural properties, phase transition and electronic structure of InP and ZnS compound: Density-functional theory LDA, GGA, mbj-GGA calculations	44-50
Study of chromium in chromite rocks by XRF & Detection of radioisotopes by Gamma spectroscopy	51-56
Design and Construction of 2A, 0 – 15 V dc Variable, Regulated Power Supply	57-61
New Exact solution of the non-relativistic Schroedinger equation for Central singular potential $V(r) = ar^2 + br^4 + \lambda r^6$	62-64
A Review analysis on Combustion Modelling and implementation of CFD	65-70

IOSR-JAP