

## RESEARCH PUBLICATIONS

**Dr. K. Jyothi**

**1. A Study of Gamma Ray Interaction in Magma Crystal**

K.Nanda Gopal, K.Jyothi, A.S. Nageswara Rao International Journal of Engineering Trends and Technology (IJETT) – Volume-41 Number-1 - November 2016

**2. Z-Dependence of Photon Interactions in La<sub>3</sub>Nb<sub>0.5</sub>Ga<sub>5.5</sub>O<sub>14</sub> and La<sub>3</sub>Ga<sub>5</sub>SiO<sub>14</sub> Crystals**

K.Nanda Gopal, K.Jyothi, A.S. Nageswara Rao The International Journal Of Science &Technoledge Vol 4 Issue 11 November, 2016

**3. Gamma-Ray Interaction Studies In Phosphate And Non-Phosphate Glasses**

K.Nanda Gopal, K.Jyothi, A.S. Nageswara Rao, UVBBK Prasad, K. Jaydev AIJRPLS VOLUME 1, ISSUE 1 (2017, Jan, Feb, March)

**4. Ultrasonic Studies In Binary Liquid Mixtures Of Trichloroethylene With Three Alcohols At 303.15**

K J. Panduranga Rao, K. Jyothi, K. Nanda Gopal and G. Srinivas Rasayan J. Chem., 10(2), 488 - 498(2017)

**5. Pixe Technique: A Handy Tool For Investigation Of Trace Elements In Some Anti Diabetic Medicinal Plants**

Rajendra Prasad Abboju, K. Jyothi , K. Nanda Gopal, A. S. Nageswara Rao Int. Res. J. Pharm. 2017, 8 (6)

**6. Assessment of Water Quality at Different Mass Bathing Ghats on River Godavari during Mahapushkar –2015 in East Godavari District, AP, India**

Satyaji Rao Y.R, K. Jyothi, K. Nanda Gopal and PRK Raju JCPS Volume 10 Issue 3 July - September 2017 1422-1430

**7. Theoretical Evaluation and Experimental Study of Ultrasonic Velocities in Binary Liquid Mixtures of Trichloroethylene with three Alcohols At 303.15 K**

J. Panduranga Rao, K. Jyothi, K. Nanda Gopal, G. Srinivas IJCRGG Vol 10 No.7, pp 274-279

**8. EPR and Optical Absorption studies on Vanadium doped Glasses**

M.Sugathri, K.Jyothi, P.Madhusudana Rao, and B. AppaRao International Journal of ChemTech Research, 2017,10(7): 267-273.

## **UVBB Krishna Prasad**

1. **Gamma-Ray Interaction Studies In Phosphate And Non-Phosphate Glasses** K.Nanda Gopal, K.Jyothi, A.S. Nageswara Rao, UVBBK Prasad, K. Jaydev AIJRPLS VOLUME 1, ISSUE 1 (2017, Jan, Feb, March)
2. **Structural parameters of Molybdenum substituted Lithium Ferrites.** Journal name : International Journal of Research Engineering and Technology : 2 (4) 2015

## **K. Jaydev**

1. **Gamma-Ray Interaction Studies In Phosphate And Non-Phosphate Glasses** K.Nanda Gopal, K.Jyothi, A.S. Nageswara Rao, UVBBK Prasad, K. Jaydev AIJRPLS VOLUME 1, ISSUE 1 (2017, Jan, Feb, March)

## **Dr. M.V. K. Meher**

1. **Elastic behaviour of Sb<sup>5+</sup> substituted Lithium Ferrites.** Journal name : World Journal of Science and Technology: 2( 11)p. 64-66, 2012
2. **Elastic behaviuor of Mo<sup>6+</sup> substituted Lithium Ferrites.** Journal name : International Journal of Research and Publication : 2 (7)p. 1-2 , 2012. July 2012.
3. **Micro structural dependence of Magnetic properties of Sb<sup>5+</sup> substituted Lithium Ferrites.** Journal name : International Journal of Modern Physics B Vol: 26 No. 32 2012 Id No. 1250204 (9 Pages)
4. **Structural properties of Antimony substituted Lithium Ferrites sintered at high temperature.** Journal name : International Journal for Scientific research and development : 2 (11) 2015
5. **Structural parameters of Molybdenum substituted Lithium Ferrites.** Journal name : International Journal of Research Engineering and Technology : 2 (4) 2015
6. **DC electrical Properties of Antimony substituted Lithium Ferrites.** . Journal name : International Journal of Applied Science Engineering and Technology : 4 (2) 2015
7. **Ultrasonic studies and excess properties of binary mixtures of Ethyl Methyl Ketone and Chloro Benzene at 308.15 K :** Journal name : International Journal of Innovative Research Science Engineering and Technology ( I R S E T ) : 4 (7) July 2015

Dr. M.V.K. Meher published two papers in proceedings.

8. **Elastic properties of Antimony substituted Lithium Ferrites through ultrasonics pulse transmission technique and I R spectrum.** Journal name : Journal of Science and research Date : 8 - 9- Dec 2014.
9. **A time to take up the reforms for quality of higher education in independence India : need for good vision and mission for build up of development.** Journal Name : International Science Congress Association. (Seminar proceedings 18<sup>th</sup> Dec 2014)