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Served as Resource Person : **Women's Day celebration at Tamizhan college of Engineering and Technology, K.K.District**

List of Publications :



International Journals

1. **‘OPTICAL, THERMAL AND MAGNETIC STUDIES OF PURE AND COBALT CHLORIDE DOPED L-ALANINE CADMIUM CHLORIDE’**, **B. S. Benila**, K. C. Bright, R. Shabu, S. Mary Delphine, Journal of Magnetism and Magnetic materials (Elsevier), 426, (2016), 390-395, ISSN NO: 0304-8853, Impact factor 2.47.
2. **‘AN INFLUENCE OF TRANSITION NI²⁺ METAL IONS ON THE OPTICAL, DIELECTRIC AND MAGNETIC PROPERTIES OF L-ALANINE CADMIUM CHLORIDE’**, **B. S. Benila**, K.C. Bright, R. Shabu, S. Mary Delphine, Journal of optical and quantum electronics (Springer) , Vol.50(5), (2018), 202-212, ISSN NO: 0306-8919, Impact factor 1.0.

3. 'INFLUENCE OF Cu^{2+} IONS ON THE STRUCTURAL, OPTICAL AND MAGNETIC PROPERTIES OF SEMIORGANIC L-ALANINE CADMIUM CHLORIDE SINGLE CRYSTAL', **B.S. Benila**, K.C Bright , S. Mary Delphine , Abila Jeba Queen , Shabu. R , Journal of Applied Sciences and Computations, Volume 5(9), (2018), 626-631, ISSN NO: 1076-5131, Impact factor 5.8.

National Journals

1. 'EFFECT OF Cu^{2+} ON THE OPTICAL AND ELECTRICAL PROPERTIES OF SEMIORGANIC SINGLE CRYSTAL: L-ALANINE CADMIUM CHLORIDE', **B. S. Benila**, K. C. Bright, S. Mary Delphine, Crossian Resonance, Vol. 6, No. 2 (2015), 123-127, ISSN: **0976/5417**.
2. 'GROWTH, OPTICAL AND MAGNETIC STUDIES OF SEMIORGANIC NLO CRYSTAL:L-ALANINE CADMIUM CHLORIDE', **B. S. Benila**, K. C. Bright, S. Mary Delphine, Crossian Resonance, Vol. 8, No..2 (2017) 118-125, ISSN: **0976/5417**.

Papers published in seminars/conferences

1. 'GROWTH, OPTICAL, HARDNESS AND CONDUCTIVITY STUDIES ON KDP CRYSTALS DOPED WITH L-ALANINE AND L-ARGININE', **B. S. Benila**, Nimmy L.John, National seminar on Advances in materials science (29, 30, January, 2014), M. S. University, Tirunelveli, UGC unassigned grant, M. S .University, Tirunelveli, ISBN **978-93-81402-16-0**.
2. 'GROWTH, STRUCTURAL, OPTICAL, CONDUCTIVITY STUDIES OF KDP CRYSTALS DOPED WITH L-ALANINE AND L-ARGININE', **B.S.Benila**, Nimmy L.John, National Seminar on Emerging trends in Theroretical and

Experimental physics (8, 9, January, 2015), Sree Ayyappa college for women, Chunkankadai, Nagercoil, sponsored by UGC, ISBN 978-81-929308-2-4.

3. **OPTICAL AND MAGNETIC STUDIES OF PURE AND COBALT CHLORIDE DOPED L-ALANINE CADMIUM CHLORIDE**, **B. S. Benila**, K. C. Bright, S. Mary Delphine, International workshop on Advanced Functional Materials and Devices, Dept. of physics & Dept of chemistry, M. S. University, Tirunelveli (8-12, January, 2017), Sponsored by UGC, DST-SERB, CSIR, New Delhi. ISBN 978-93-81402-38-2.
4. **'STRUCTURAL, OPTICAL AND THERMAL STUDIES OF PURE AND COBALT CHLORIDE DOPED L-ALANINE CADMIUM CHLORIDE'**, **B. S. Benila**, S. Mary Delphine, International Conference on Innovation in Research and Pedagogy, Holy Cross College, Nagercoil (3, 4, march, 2017), Sponsored by M. S. University, Tirunelveli, voice of teachers, Holy cross college, Nagercoil, ISBN 978-93-5267-857-0.
5. **'EFFECT OF Cu^{2+} IONS ON THE OPTICAL AND MAGNETIC PROPERTIES OF SEMIORGANIC NLO CRYSTAL:L-ALANINE CADMIUM CHLORIDE'**, **B. S. Benila**, S. Mary Delphine, International conference on materials for energy and environment (22, 23, February, 2018), Loyola institute of frontier energy, Loyola college, chennai, sponsored by DST-SERB, Govt. of India.

Project Details

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