
List of Publications

Journal Papers:

1. Synthesis and photoluminescence studies of Eu(III), Er(III) doped strontium gadolinium tantalum oxide.
Verma Vishwnath, M. Srinivas, Nimesh P. Patel, Dhaval Modi, K. V. R. Murthy.
Journal of Fluorescence, 2015, 26(1), 277-282.
2. Characterization of newly synthesized strontium cerium niobate nanophosphor.
M Srinivas, **Vishwnath Verma**, Nimesh P. Patel, Dhaval Modi, D Tawde, K.V.R. Murthy. *Journal of Luminescence*, 2012, 147, 324-327.
3. Thermoluminescence kinetic features of Eu^{3+} doped strontium pyrophosphate after beta irradiation.
Nimesh P. Patel, **Vishwnath Verma**, Dhaval Modi, K. V. R. Murthy and M. Srinivas.
RSC Advances, 2016, 6, 77622-77628.
4. Investigation of dosimetric features of beta-irradiated Er^{3+} doped strontium pyrophosphate.
Nimesh P. Patel, M. Srinivas, **Vishwnath Verma**, Dhaval Modi, K.V.R.Murthy.
Advanced Materials Letters, 2016, 7(6), 497-500.
5. Optimization of luminescence properties of Tb^{3+} -doped α - $\text{Sr}_2\text{P}_2\text{O}_7$ phosphor synthesized by combustion method.
Nimesh P. Patel, M. Srinivas, **Vishwnath Verma**, Dhaval Modi, K. V. R. Murthy.
Rare Metals, 2016.
6. Luminescence study and dosimetry approach of Ce on an α - $\text{Sr}_2\text{P}_2\text{O}_7$ phosphor synthesized by a high-temperature combustion method.
Nimesh P. Patel, M. Srinivas, Dhaval Modi, **Verma Vishwnath**, K. V. R. Murthy.
International journal of Luminescence and its Application, 2015, 30(4), 472-478.
7. Hydrothermal synthesis and photoluminescence properties of cerium-doped cadmium tungstate nanophosphor.
Dhaval Modi, M. Srinivas, D. Tawde, K. V. R. Murthy, **Vishwnath Verma**, Nimesh P. Patel.
Journal of Experimental Nanoscience, 2014, 10(10), 777-786.

8. Photoluminescence studies and core-shell model approach for rare earth doped CdWO₄ nano phosphor.

M. Srinivas, Dhaval B. Modi, Nimesh P. Patel, **Vishwnath Verma**, K. V. R. Murthy.

Journal of Inorganic and Organometallic Polymers and Materials, 2014, 24, 988-993.

Conference Papers:

1. Optical properties of Eu(III) doped strontium gadolinium niobate oxide
Verma Vishwnath, M. Srinivas, Nimesh Patel, Dhaval Modi, and K. V. R. Murthy,
AIP Conference Proceedings **1731**, 110019 (2016); doi: 10.1063/1.4948040
2. Characterization and luminescence studies of Dysprosium Titanate by two synthesis methods.
Verma Vishwnath, M. Srinivas, Dhaval Modi, Nimesh P. Patel, B. P. Shah.
Inverties Journal of Science and Technology, 2016, 9(2), 67-71.
3. Synthesis and Thermoluminescence Dosimetry application of Dy⁺³ activated Sr₂P₂O₇.
Nimesh P. Patel, M. Srinivas, **Vishwnath Verma**, Dhaval Modi and K. V. R. Murthy.
International Journal of ChemTech Research, 2014, 6(3), 1708-1711.
4. The effect of Tb⁺³ on α-Sr₂P₂O₇ phosphor for green LED phosphor application.
Nimesh P. Patel, M. Srinivas, **Vishwnath Verma**, Dhaval Modi.
AIP conference proceedings, 2015, 1665, 110017-1–110017-3. **DOI:** 10.1063/1.4918073