

LIST OF PUBLICATIONS

(A) Publications related to Ph.D. Thesis:

Journal Publications

- (i) “Luminescence and Dosimetry Approach in Terbium (III) Activated Tungstate Double Perovskite”, **Naresh Degda**, Nimesh Patel, Vishwnath Verma, K.V.R. Murthy, and M. Srinivas, **Luminescence** **2023**. <https://doi.org/10.1002/bio.4622>
- (ii) “Photoluminescence and thermoluminescence kinetic features of Eu^{3+} doped Sr_2YVO_6 double perovskite phosphor”, **Naresh Degda**, Nimesh Patel, Vishwnath Verma, K.V.R. Murthy, Naveen Chauhan, Malika Singhal, and M. Srinivas, **Optical Materials** **2023**, 142, 114019. <https://doi.org/10.1016/j.optmat.2023.114019>
- (iii) “Europium doped Sr_2YNbO_6 double perovskite phosphor for photoluminescence and thermoluminescence properties” **Naresh Degda**, Nimesh Patel, Vishwnath Verma, K.V.R. Murthy, D. Haranath, and M. Srinivas, **Luminescence** **2023**, 38, 176. <https://doi.org/10.1002/bio.4438>

(B) Publications other than Ph.D. Thesis:

Journal Publications

- (i) “Synthesis and photoluminescence characterisation of $\text{Ca}_2\text{La}_2\text{O}_5:\text{Eu}^{3+}$, a novel red-emitting phosphor: a comprehensive study”, Kishore Kumar Aitha, D. Dinakar, Payal P. Pradhan, K. Yadagiri, K. Suresh, **Naresh Degda**, K.V.R. Murthy, and D. Haranath, **Canadian Metallurgical Quarterly** **2023**, <https://doi.org/10.1080/00084433.2023.2254128>

(C) National Conference Proceeding Papers:

- (i) “Photoluminescence Studies of Eu^{3+} Activated $\text{Sr}_2\text{CeNbO}_6$ Double Perovskite” **Naresh Degda**, Nimesh Patel, Vishwnath Verma, K.V.R. Murthy, and M. Srinivas, **Proceedings of the 66th DAE Solid State Physics Symposium, 2022**.
- (ii) “Photoluminescence Study of Eu^{3+} Activated $\text{Ca}_2\text{CeNbO}_6$: Red Emitting Double Perovskite for LED Application” **Naresh Degda**, Nimesh Patel, Vishwnath Verma,

K.V.R. Murthy, and M. Srinivas, **Proceedings of the 65th DAE Solid State Physics Symposium, 2022**, ISBN No. 81-8372-085-4.

(D) National/International Conferences and Seminars attended

- (i) **Best Oral Award** received in the International Conference on Luminescence and its Applications with the title **“Luminescence Optimization of Eu³⁺ Activated Novel Double Perovskite for Display and TLD Applications”** organized by IICT Hyderabad, during 3-6 July 2023.
- (ii) Poster presented at “7th International conference on Nanoscience and Nanotechnology (virtual conference)” with title **“Photoluminescence Studies of Far-red Emitting Double Perovskite Nanophosphor”** organized by SRM institute of Science and Technology, during 27-29 March 2023.
- (iii) Poster presented at “66th DAE SSPS” with title **“Photoluminescence Studies of Eu³⁺ Activated Sr₂CeNbO₆ Double Perovskite”** organized by BIT Mesra, Ranchi, during 18-22 December 2022.
- (iv) Poster presented at “65th DAE SSPS” with title **“Photoluminescence Study of Eu³⁺ Activated Ca₂CeNbO₆: Red Emitting Double Perovskite for LED Application”** organized by DAE Convention Centre, Anushaktinagar, Mumbai, during 15-19 December 2021.
- (v) Poster presented at “National Conference on Luminescence and its Applications NCLA-2021 (Hybrid Mode)” with title **“Synthesis and Photoluminescence Properties of Europium Doped Double Perovskite for LED Application”** organized by Department of Physics Govt. VYT PG Auto. College Durg C.G., during 9-11 December 2021.