

CURRICULUM VITAE

Dr. Manjeet

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Teaching Experience

Assistant Professor (Guest Faculty),
Department of Physics,
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From: **13.10.2023 — Present**

Education

- Ph.D. Physics
- Master of Science (Physics): 2016
- JOINT CSIR-UGC NET: June-2019, Dec.-2019

Research Publications

1. **Manjeet**, A. Kumar, Anu, Ravina, Nisha Deopa, Anand Kumar, R. P. Chahal, S. Dahiya, R. Punia, A. S. Rao, “Structural, thermal, optical and luminescence properties of Dy^{3+} ions doped Zinc Potassium Alumino Borate glasses for optoelectronics applications” J. Non Cryst. Solids 588 (2022) 121613, [Impact factor: 3.5].
2. **Manjeet**, A. Kumar, Anu, Ravina, Nisha Deopa, Anand Kumar, R. P. Chahal, S. Dahiya, R. Punia, A. S. Rao, “Impact of Sm^{3+} ions on Structural, Thermal, Optical and Photoluminescence Properties of $ZnO-Na_2O-PbO-B_2O_3$ Glasses for Optoelectronics Device Applications” Opt. Mater. 139 (2023) 113778, [Impact factor: 3.9].
3. **Manjeet**, Ravina, Amit, Kanishk Poria, Nisha Deopa, Anand Kumar, R.P. Chahal, “Optimization of Dysprosium ions doped Borate glasses for Photoluminescence Applications” Mater. Lett. X19 (2023) 100208. [Impact factor: 1.7].
4. **Manjeet**, Anu, Nisha Deopa, Anand Kumar, Rishi Pal Chahal, “Effect of Dy^{3+} ions on physical, structural and thermal properties of $ZnNaPbB$ glasses” Physica Scripta 99 (2024) 1059a6. [Impact factor: 2.6].
5. **Manjeet**, Hitesh, Nisha Deopa, Anand Kumar, Rishi Pal Chahal, “ Dy^{3+} -doped ZKPAB Glasses: A study of optical transitions and luminescence performance” Journal of Electronic Materials (JEMS) [Communicated].

Book Chapters

1. **Manjeet**, Hitesh, Rishi Pal Chahal, Hitender Khatri Anand Malik “A Brief Review on Solitary Waves” Mathematical Modeling in Physical Sciences, Social Sciences and Technology. ISBN No.-9789380165062.
2. **Manjeet**, Hitesh, Ritu, Manisha, Pardeep Khichi, Manjeet Singh Gautam, Vijay. “Multidisciplinary Research: An Endeavour to Advancement” published in New Research Trends in India: Multidisciplinary Approach [ISBN-978-1-329-20983-1] page No. 49-78.

Paper presented

Conference/ Seminar International : 10 National: 02

Seminar/Workshop/Conference attended

International : 04 National: 03