

List of research paper published in Journal and presented at National and International Conferences:

- [1] “Growth and Characterization of $\text{InBi}_{0.95}\text{Te}_{0.05}$ and $\text{InBi}_{0.90}\text{Te}_{0.10}$ Crystals” Nimesh Nanda and P. H. Soni, Optical Materials, 136 (2023) 113430
- [2] Effect of cold working and annealing on microhardness of $\text{InBi}_{1-x}\text{Te}_x$ ($x=0, 0.05, 0.1, 0.15$) Crystals. (Accepted for publication in AIP)
- [3] “Growth and Optical Band gap of InBi:Te ” Nimesh Nanda P. H. Soni and Manish Patel International Conference on Functional Oxide and Nanomaterials (ICFONM) 2016
- [4] “Study of Vickers’ Microhardness of $\text{InBi}_{1-x}\text{Te}_x$ ($x=0, 0.05, 0.1, 0.15$) crystals” Nimesh Nanda, M. M. Patel, Ketan Chaudhari, Ashwini Mahadik, Kamal R Shah and P. H. Soni, International Conference on Advances and Chemical &Material science (ACMS) 2022
- [5] Effect of cold working and annealing on microhardness of $\text{InBi}_{1-x}\text{Te}_x$ ($x=0, 0.05, 0.1, 0.15$) Crystals. 4th International Conference on Condensed matter and Applied physics, 9-10 Oct.2023
- [6] “Growth and Thermoelectric Power of InBi:Te Crystals” Nimesh Nanda, P. H. Soni and M. P. Jani National Conference on Recent Trends in Materials Science March 24 -25, (2018)