

## List of Publication

1. **Neeraj Singh**, Preetam Singh, Cu(I) substituted Wurtzite ZnO: A Novel Room Temperature Lead-Free Ferroelectric and High- $\kappa$  Giant Dielectric, RSC Advances, 2020, 10, 11382-11392.
2. **Neeraj Singh**, Kundan Kumar, Preetam Singh, Synthesis of Single Phase  $Ti^{4+}$  substituted Trirutile  $CoNb_2O_6$  Ceramic: Evolution of Relaxor type Ferroelectricity and High k Dielectricity, Journal of Electroceramics 2023, 51:133–145.
3. **Neeraj Singh**, Mridul Kumar, Preetam Singh, Evolution of Relaxor Type High-k Dielectric in Bulk Pristine  $Cu^{2+}$  and  $Li^+$  co-substituted Wurtzite ZnO. ChemistrySelect 2023, 8, e202204955.
4. **Neeraj Singh**, Preetam Singh, Synthesis, Characterization, and Study of High-k Dielectricity of Bulk Pristine  $Fe^{3+}$  and  $Li^+$  Co-substituted Wurtzite ZnO. Chemistry of Inorganic Materials, 2023 (under Review).

## International/National Conferences Attended:

1. **3rd National Conference on Materials for Energy Conversion and Storage (MECS 2018)** by IIT (BHU) Varanasi, India during 18-20, October 2018.
2. **2nd edition of, “ChemCatCon 2.0: Mechanistic investigation on heterogeneous processes”** by IIT Gandhinagar, India during 14-16, May 2022.
3. **THE INTERNATIONAL CONFERENCE ON BEYOND FOSSIL FUELS: The Future of Alternative Energy Technologies [B: FAT 2020]** by IIT (BHU) Varanasi, India during 23-25, July 2022.