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1. **Seema Kumari** et al. “Spontaneous exchange bias and large dielectric constant in $\text{Bi}_{0.8}\text{Tb}_{0.2}\text{Fe}_{0.8}\text{Mn}_{0.2}\text{O}_3$ multiferroic”, *J. Appl. Phys.* *132*, 183909 (2022); doi.org/10.1063/5.0106110.
2. **Seema Kumari** et al., “Enhancement of multiferroic and optical properties in BiFeO_3 due to different exchange interactions between transition and rare earth ions” *Physica status solidi B* (2023), doi.org/10.1002/pssb.202300026.
3. **Seema Kumari** et al., “Spin-phonon coupling and giant dielectric constant in $\text{Bi}_{0.5}\text{La}_{0.5}\text{Fe}_{0.4}\text{Al}_{0.1}\text{Mn}_{0.5}\text{O}_3$ ”, (under review).
4. **Seema Kumari** et al., “Electric and Magnetic properties of $\text{Ga}_{0.75}\text{Er}_{0.25}\text{FeO}_3$ ” (under preparation).
5. Prince K. Gupta, Khyati Anand, Mohd Alam, Surajit Ghosh, **Seema Kumari** et al. “Reentrant double glassy states and simultaneous presence of short- and long-range ordering in metamagnetic Co-doped $\text{Bi}_{0.5}\text{La}_{0.5}\text{Fe}_{0.5}\text{Mn}_{0.5}\text{O}_3$ multiferroic” *Solid State Sciences* *131* (2022) 106930; doi.org/10.1016/j.solidstatesciences.2022.106930.
6. Khyati Anand, Mohd Alam, Arkadeb Pal, Prajyoti Singh, **Seema Kumari** et al. “Existence of Griffiths phase and unusual spin dynamics in double perovskite $\text{Tb}_2\text{CoMnO}_6$ ” *Journal of Magnetism and Magnetic Materials* *528* (2021) 167697; doi.org/10.1016/j.jmmm.2020.167697.
7. Khyati Anand, Arkadeb Pal, Mohd. Alam, Sambhab Dan, Shiv Kumar, Surajit Ghosh, **Seema Kumari** et al. “Emergence of metamagnetic transition, re-entrant cluster glass and spin-phonon coupling in $\text{Tb}_2\text{CoMnO}_6$ ” *J. Phys.: Condens. Matter* *33* (2021) 275802; doi.org/10.1088/1361-6463X/acfe94.
8. Khyati Anand, Arkadeb Pal, Amish G Joshi, Prabir Pald, Rahul Singhe, Peter Tsung-WenYen, S. M. Huang, Md. Alam, **Seema Kumari** et al. “Giant exchange bias in

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9. Mohd Alam, Labanya Ghosh, Supriyo Majumder, Prajyoti Singh, Satya Vijay Kumar, Srishti Dixit, Dheeraj Kumar, Khyati Anand, **Seema Kumari** et al. “Multifunctional behavior in B-site disordered double perovskite EuPrCoMnO_6 ” *J. Phys. D: Appl. Phys.* 55 (2022) 255003; doi.org/10.1088/1361-6463/ac5fd4.
10. Prince K Gupta, Surajit Ghosh, **Seema Kumari** et al. “Spin phonon coupling and magneto-dielectric coupling in BiFeO_3 - TbMnO_3 composite” *Mater. Res. Express* 6 (2019) 086114; doi.org/10.1088/2053-1591/ab2742.
11. Prince K Gupta, Rahul Singh, **Seema Kumari**, et al. “Enhancement of electrical properties of BiFeO_3 multiferroic material by co-doping” *AIP Conference Proceedings* 2115, 030472 (2019); doi.org/10.1063/1.5113311.

SEMINARS/WORKSHOPS/CONFERENCES ATTENDED

1. Poster Presentation – “63th DAE Solid State Physics Symposium 2018”, held during 18-22, 2018.
2. Symposium Attended – “Synthesis and Characterization of Smart Materials and Their Potential Applications”, held online 14 -17 June 2020
3. Webinar Attended – “Advances in Materials Science and Technology (WSAMST-2020)”, held during 22-26 June 2020.
4. Lecture Series Attended- “Neutron Diffraction: A Unique Probe to Understand the Magnetism in Magnetic Materials”, held 11th July 2020.
5. Online One-week National Workshop Attended - “Advanced Physical Tools and Techniques for Materials Characterization” held from 28th July to 03rd August (2020).
6. Online Workshop – “Rietveld Refinement Methods”, Organised by UGC-DAE, CSR Mumbai during 22-24 September (2020).

7. Poster Presentation- “65th DAE Solid State Physics Symposium 2021”, held during 15-19 December 2021.

