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- [4] **L. Ghosh**, S. Dixit, M. Alam, N. Patel, and S. Ghosh, *Chemical Pressure Enhanced Low-Field Modulated Exotic Magnetic Skyrmion*, (Communicated).
- [5] S. Dixit, **L. Ghosh**, S. Chatterjee, “*Existence of Exotic Magnetic Phases along with Exchange Bias and Memory Effect in Frustrated Beta-Mn Heusler Alloy*,” *Accept. J. Appl. Physics*, 14th December 2022. (2022).
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## *Schools / Meetings / Workshops / Conference Attended*

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- 1. Labanya Ghosh**, Sandip Chatterjee, “Anharmonic phonon interactions and Kondo effect in FeSe/Sb<sub>2</sub>Te<sub>3</sub>/FeSe hetero-structure: Proximity effect between ferromagnetic chalcogenide and di-chalcogenide”, Presented Contributory talk at the IX International Conference on Perspectives in Vibrational Spectroscopy during 13-17 December 2022 organized by UGC-DAE-CSR Indore.
- 2. Labanya Ghosh**, Sandip Chatterjee, “Seebeck Coefficient of Ni doped Bi<sub>2</sub>Te<sub>3</sub>”, Presented Poster at the 65<sup>th</sup> DAE Solid State Physics Symposium during 15 - 19 December 2021 organized by Bhabha Atomic research centre, Mumbai Sponsored by Board of research in nuclear sciences (BRNS) Department of Atomic Energy, Government of India at Bhabha Atomic Research Centre, Mumbai.
- 3. Labanya Ghosh**, Sandip Chatterjee, “Introduction of Low Field Magnetic Ordering in FeSe/Bi<sub>2</sub>Se<sub>3</sub>/FeSe heterostructure”, Presented Poster at the 7<sup>th</sup> Conference on Neutron Scattering (CNS-2021) held in hybrid mode in Mumbai during 25-27 November 2021 organized by Bhabha Atomic Research Centre & Neutron Scattering Society of India.
- 4. Labanya Ghosh**, Sandip Chatterjee, “Consequences of Ni Doping on Thermoelectric Properties of Bi<sub>2</sub>Te<sub>3</sub>”, Presented poster at the 1<sup>st</sup> International e-Conference on Recent Advances in Physics & Materials Science-2020 (IC-RAPMS-2020) during 9-10 July 2020 organized by Kurseong college, Darjeeling, West Bengal, India.
- Participated in a five-days Webinar Series on “Advances in Materials Science and Technology (WSAMST-2020)” during 22-26 June 2020 by the Department of Applied Sciences and Humanities (Physics), School of Engineering, University of Petroleum and Energy Studies, Dehradun.
- Participated in the Five-day Faculty Development Program on “Synthesis of Advanced Materials and its Applications (SAMA-2020)” organized by Department of Physics, Science & Humanities held on October 15th to 19th 2020.
- Participated in the Three-day National level webinar on "Recent Trends in Materials Science (RTMS-2020)" organized by Department of Physics, Science & Humanities held on August 19th to 21<sup>st</sup> 2020.
- Participated in International Webinar on Material Synthesis and Characterizations jointly organized by Department of Physics and Electronics (IWMSC-2020), Dr. Rammanohar Lohia Avadh University Ayodhya, India and the Department of Natural Science, Florida Polytechnic University, Lakeland, Florida, USA from July 11-13, 2020.
- Presented a paper in the 1st International e-Conference on Recent Advances in Physics & Materials Science-2020 (IC-RAPMS-2020) Organized by Kurseong College, Darjeeling, India held on 9-10 July, 2020.
- Participated in the Winter school on Synchrotron Technique in Material Science, Organized by S. N. Bose National Centre for Basic Sciences, Kolkata, India from 25-31 October, 2018.