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**Areas of Interest:** Pedagogy of Science, Science education research, curriculum development, curriculum research and training.

**Qualifications:** B.Sc (H) Physics, Hindu College, Delhi University; M.Sc Physics, Delhi University

**Work experience:** Joined NCERT in March 2004 as lecturer. Work in the capacity of Associate Professor (Physics) since March 2018.

**List of publications during the last 8 years.**

1. Phonon Dynamics and Acoustic and Thermodynamic Properties of  $Pt_{57.5}Cu_{14.7}Ni_{5.3}P_{22.5}$  Bulk Metallic Glass. R. R. Koireng, P. C. Agarwal, A. Gokhroo. J. Sci. Res. 13 (1), 21-29 (2021)
2. Influence of Dielectric Screenings on Phonon Frequencies and Acoustic Properties of Pd-Based Bulk Metallic Glasses. R. R. Koireng, P. C. Agarwal, Alpana Gokhroo. East Eur.J. Phys. 4. 84-89 (2020)
3. Research in Science Education in India. R.R.Koireng, Indian Educational Review (Vol 58, Number 1, P 7-39, 2020)
4. Learning outcomes at the Secondary Stages, NCERT Publication, December 2019
5. Conceptualising Learning Outcomes in Science at the Upper Primary Stage and its Integration in Classroom Processes. R. R. Koireng, Voices of Teachers and Teacher Educators ( Vol.VIII, Issue I, P 119-124, 2019)
6. Manual of Higher Secondary Physics Laboratory Kit, NCERT Publication, October 2018
7. Science Teaching: Recommendations and its Implications on Teacher Education Programme. R. R. Koireng, Voices of Teachers and Teacher Educators ( Vol.V, Issue II, P 53-57, 2017)
8. Arriving at the convenient rays for locating image formed by a spherical mirror using ray tracing technique and verification of mirror formula by graphical method. R.R. Koireng, School Science, Vol. 53, No. 4,P 8-13 2015
9. Development committee member for 'Material for Lateral entry at the Upper Primary Stage', NCERT Publication, March 2015
10. Development committee member for 'Laboratory Manual at Upper Primary Stage Science, Classes VI-VIII', NCERT Publication, December 2014
11. Textbook development committee member for 'Pedagogy of Science-Physical Science' Textbook for B.Ed, NCERT Publication, May 2013