



Neelam Kumari Guleria

Associate Professor

Department of Physics

Academic Qualification: M Sc Gold Medalist, M Phil, CSIR-UGC NET

Academic Profile

Session 2016-2017

- Participated in **three College level seminars** held on 29th Aug, 20216, 3rd Nov, 2016 & 4th Nov, 2016.
- **National seminar on 17 & 18 Dec, 2016 at SV Govt. College Ghumarwin** Topic of presentation- Role of Education in the Empowerment of women in India
- **National Conference** on Advances in Mathematical Sciences on 21-22 Dec, 2016
Topic of Presentation- The study of mass distribution yield in the cluster decay of nuclei

Session 2017-2018

- **Qualified Departmental Exam in Dec, 2017**
- **National Conference-** Presented paper on Importance of science and Technology: Societal Development on 24- 25 March, 2018

Session 2018-2019

- **State Level seminar** on Mathematics in daily life Role of Mathematics in Daily Life on 22 Dec, 2018 and Chaired the Session in State level seminar

- Presented Paper on “Women Empowerment in India” in the **National Seminar** on Administration and Politics for Society on 23 Feb, 2019
- Participated in **National Conference** on Quality of Higher Education on 27 March, 2019

Session 2019-2020

- Paper presentation in **National Seminar** on the relevance of studying sociology in India on 23rd Nov, 2019 Topic- **Women and Society**
- National Seminar on 21st Dec, 2019, Topic-The geographical, political, sociological, economic and cultural Importance of Jaliyanwala Baag
- **International conference** on Mathematics and Applied Sciences on 29-3 Nov,2019, presented paper on the Topic-Preformation Probability in the Cluster Decay of ^{223}Ra and Chaired the Technical Session in the International Conference on Mathematics

Session 2020-2021

- **Faculty Development Program** on NAAC by Research Foundation of India from 06/07/2020 to 13/07/2020
- **International Webinar/ Seminar** on Expanding Horizon of Sociology on 17-18 Oct,2020 - Presented Paper on the Topic- Technology and Society
- **Paper publication**-Optimization of Polymer Electrolytes with the effect of concentration of Additives in PEO- NH₄HF₂ Polymer Electrolytes

In Journal of thermoplastic Composite Materials DOI:10.1177/0892705720930750

Session 2021-2022

- Presented paper in **National Seminar** on topic-Women in Indian Freedom Struggle at Thakur Jagdev Chand Memorial Institute, Neri on 04-05 Dec, 2021.
- **State Level Seminar**, Presented Paper on the topic Applications of Mathematics in Teaching and Learning of Physics in higher Education on 22 Dec, 2021.
- **National Seminar** Presented Paper in on the topic New Education Policy and higher Education: Future opportunities at SV Govt. College Ghumarwin on 29- 30 Dec, 2021.
- **State Level Workshop** on Recent Trends in Nano Science and Nanotechnology at HP Technical University Hamirpur
- **Book Publication: Text Book of Nuclear and Particle Physics by R D Publication** ISBN-93-81261-98-9, First Edition 2021

Session 2022-2023

- **Faculty Development Program** on “A Step-by-Step Guide to Write a Good Research Paper” by Research Foundation of India from 18/03/2023 to 27/0/2023.
- **National Seminar** on “Role of Women in Azad Hind Fauj” on 8-9 August, 2022.

- **State Level Seminar** on 22nd Dec, 2022, presented paper on the Topic- Importance of Mathematics in Science and Technology and Chaired the Session.
- **National Seminar** on Impact of Science and Technology on society on 25-26 March, 2023
Topic of presentation- Science and Technology in Human's Health and **chaired** the technical session
- **International conference** on Mathematics in Space and Applied Sciences on March 03-04, 2023
Topic of presentation- Effects of Temperature and relative humidity on UHF radio wave signals

- **Paper Publication-** Improvement in optical absorption and emission characteristics of Polymethyl methacrylate in solution cast polymethyl methacrylate/ polyvinyl carbazole polyblends

In Journal of thermoplastic Composite Materials DOI:10.1177/08927057221115714

- **Book Publication: Text Book of Nuclear and Particle Physics by R D Publication**
ISBN-93-81261-98-9, Second Edition 2022

Any other

- **Papers setter of HP University Shimla and CSK HPKV, Palampur**
- **Life member of Indian Association of Physics Teachers (IAPT)**