



Designation: Assistant Professor Chemistry

Address: Government College Karsog, Distt. Mandi, H.P.

E-mail ID: renukasharma5211@gmail.com

Qualification with specialization (if any): BSc.honors Chemistry, M.Sc. Chemistry, NET-LS, NET-JRF, GATE, Ph.D. Chemistry (Pursuing)

Teaching experience: Joined as Assistant Professor (College Cadre) from 7th July 2023 to till date.

Additional Charge (NCC/NSS/R&R/others): Incharge Save Energy Club, Associating faculty NSS, Member IQAC/UGC, Member Career Counselling Cell, Member HPU/SPU Youth Festivals Cultural Committee (Group I)

Detail of research publications: (Research experience/Symposium/ Research articles/ Book chapters/ Books published/research papers etc.)

1.Thakur, Ramesh C., Akshay Sharma, **Renuka Sharma**, and Harpreet Kaur. "A comparative analysis of volumetric, viscometric and conductometric properties of Triethylmethylammonium Tetrafluoroborate (TEMABF₄) and Tetraethylammonium Tetrafluoroborate (TEABF₄) in pure propylene carbonate (PC) and binary aqueous propylene carbonate solvents." Journal of Molecular Liquids 374 (2023): 121244.

2. Sharma, Akshay, **Renuka Sharma**, Ramesh C. Thakur, and Lakhveer Singh. "An overview of deep eutectic solvents: Alternative for organic electrolytes, aqueous systems & ionic liquids for electrochemical energy storage." Journal of Energy Chemistry (2023).

3. Rana, Sapna, Ramesh C. Thakur, Harpreet Kaur, Akshay Sharma, **Renuka Sharma**, Vikas Thakur, Harmanjit Singh, and Ishrat Fatma. "Investigating the Solvation Behaviour of Some Lithium Salts in Binary Aqueous Mixtures of 1-Ethyl-3-methylimidazolium Tetrafluoroborate ([EMIM][BF₄]) at Equidistant Temperatures (T= 298.15, 303.15, 308.15, 313.15, 318.15) K." Journal of Chemical & Engineering Data 68, no. 6 (2023): 1291-1304.

4. Sharma, Akshay, Ramesh C. Thakur, **Renuka Sharma**. "Biomedical Applications of Ferrites" Materials Horizons: From Nature to Nanomaterials, 2023, Part F258, pp. 241–256

Conferences and Seminars Attended:

Presented Oral paper at National Conference on "Novel Progressions in Science and Technology-2022" organized at St. Bede's College, Shimla. (December 2019)

