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## RESEARCH ACHIEVEMENT:

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- Got **Best Poster Presentation Award** on "Estimation of uranium concentration in water samples from Maur Mandi by using LED Fluorimeter" in "*Indo-European Seminar on High Nuclear energy Physics" at Central University of Punjab, Bathinda, India.*
- Dissertation work on the topic "Estimation of uranium concentration in water samples from Maur Mandi by using LED Fluorimeter" during M.Sc. 4th semester curriculum in 2016.
- Well trained in dealing with performing and handling of various lab equipment like Smart RnDuo, LED Fluorimeter, DRPS/DTPS, Single Entry Pinhole Dosimeter, Constant Temperature Bath Unit, Spark counter in research lab (as a part of Ph.D.).

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## Research Publications in Journals

1. **Supriya Rani,** Sandeep Kansal, Amit Kumar Singla and Rohit Mehra, (2021), "Radiological Risk Assessment to the Public Due to the Presence of Radon in Water of Barnala District, Punjab, India," *Environ Geochem Health (EGAH)*, Springer Nature, 43(12), pp. 5011-5024. Impact factor: 4.93
2. **Supriya Rani,** Sandeep Kansal, Amit Kumar Singla, Salik Nazir and Rohit Mehra, (2022), "A Comprehensive Study of Exhalation Rates in Soil Samples to Understand the High Risk Potential Area in Barnala and Moga Districts of Punjab, India," *Journal of Radioanalytical and Nuclear Chemistry (JRNC)*, Springer Nature, 331, pp. 1889-1897. Impact factor:1.75
3. Salik Nazir, B. K. Sahoo, **Supriya Rani**, Sajad Masood, Rosaline Mishra, Nissar Ahmad, Irfan Rashid, Sheikh Zahoor Ahmad & Shakeel Simnani "Radon Mapping in Groundwater and Indoor Environs of Budgam, Jammu and Kashmir," *Journal of Radioanalytical and Nuclear Chemistry (JRNC)*, 329, pp. 923-934. Springer Nature, Impact factor:1.75
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