

## Bio-data

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### **ACADEMIC QUALIFICATION:**

- **Ph.D. (November, 2022)**, Maharaja Ranjit Singh Punjab Technical University, Bathinda.  
*Title of the thesis:*  
“**Radiological Risk Assessment in the Environs of Moga and Barnala Districts of Punjab**”
- **M.Sc. (Physics)**, IKGPTU, Jalandhar, India (2016).
- **B. Sc. (Non-Medical)**, Punjabi University Patiala, Punjab, India (2013).

### **RESEARCH ACHIEVEMENT:**

- Research publications: 7
- Papers presented in conferences: 09
- 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.).

### **COMPUTER PROFICIENCY:**

MS Office (Word, Excel, Ppt.), Origin.