



# Miranda House

## UNIVERSITY OF DELHI

**Name:** Zarina Banoo

**Department:** Physics

**Current Designation:** Assistant Professor

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**Academic Qualifications** (reverse chronological order):

Phd : Department of Physics, University of Jammu (started in 2019 and still in progress).

Post-Graduation: Panjab University Chandigarh (2017).

Graduation : Miranda House , Delhi University (2014).

**Research Degree(s)** (reverse chronological order):

Ph.D in continuation on part time basis.

**Field of Specialization under the Subject/Discipline:**

Experimental High energy Physics

**Teaching at Miranda House since:** 20 March 2023

**List of Publications** (reverse chronological order):

(Articles in referred/peer-reviewed/UGC Care journals/ Books/Book Chapters)

11 publications in Collaboration with ALICE Experiment.

2 proceeding papers.

**Research Guidance** (reverse chronological order): Prof. Ramni Gupta

**Research Area :**

Intermittency Analysis of charged particles produced in Xe-Xe system at COM 5.44 TeV .



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### **Invited talks/Session chair/Resource person** (reverse chronological order):

1. Presented a talk on strange particles and strangeness enhancement at International Particle Physics Masterclass organised by Department of Physics, University of Jammu.
2. Invited for talk on contribution of women in science organised by Govt. Degree College Kargil, Ladakh.

### **Seminars/Workshops/Conferences attended** (reverse chronological order):

1 national workshop, 1 international workshop and 3 international conferences related to my Ph.D work.

### **Synergy** (work with other organizations outside the college):

Current I am working in collaboration with ALICE Experiment, as my Ph.D is in the field of experimental high energy physics. For my Ph.D work, I am using data collected by the ALICE Experiment at CERN Geneva Switzerland.