



**DEPARTMENT OF MICROBIOLOGY**  
**UNIVERSITY OF DELHI SOUTH CAMPUS**



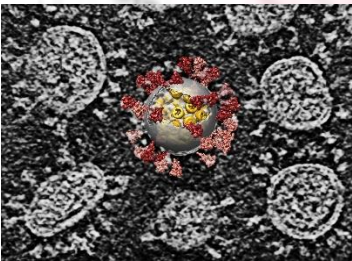
## SPECIAL SEMINAR

# Dr. Rajesh Kumari

Assistant Professor  
Department of Zoology,  
University of Allahabad,  
Prayagraj, Uttar Pradesh 211002  
India



*Title: The role of RNA modifications in recent mRNA vaccine development against SARS-CoV2*



**27<sup>th</sup> January 2025**

**Monday, 3:00 - 4:00 PM**

**Seminar Room, Department of Microbiology  
(1<sup>st</sup> Floor of Bachhawat Block)**

### **Biosketch:**

Dr. Rajesh did her PhD in 2017 from Special Centre for Molecular Medicine, JNU with Prof. G. Mukhopadhyay and Prof. SK Dhar, where she worked on Molecular characterization of Type IV secretion system (T4SS) of *H. pylori*. She was a CSIR as well as DAAD fellow during her PhD. She then moved to University of Alabama at Birmingham where she started working on RNA modifications. After that she moved to Joslin diabetes center, Harvard Medical School, USA for postdoctoral research where she joined Prof. Rohit Kulkarni a group working on RNA modifications in the field of diabetes. She was a Merry Iacocca Fellow there, one of the prestigious award by Joslin Diabetes Center. Currently, she is working on understanding the role m6A RNA methylation both in infectious and metabolic diseases and got funding from SERB-DST.