

Report on a “Special Lecture”

Held in the Department of Zoology, Visva-Bharati, Santiniketan on Jan 9, 2025 at 04.00 pm

Title of the talk, “*Molecular and neural correlates of sleep and its effects on behavior*”

Speaker invited: Dr. Budhaditya Chowdhury, Scientist, Neuroscience Initiative

Advanced Science Research Centre City, University of New York, New York

Participants: All the faculties, research scholars and masters students.

Report:

A special lecture was held in the seminar hall, Department of Zoology, Visva-Bharati, Santiniketan on Jan 9, 2025 at 04.00 pm. The speaker was Dr. Budhaditya Chowdhury, a Scientist, from the Neuroscience Initiative, Advanced Science Research Centre, University of New York, New York. He has also been an alumnus of this department. The HoD Zoology welcomed the speaker following a Santiniketan tradition and also introduced him. The speaker spoke on the importance of sleep and its effects on behavior, dissecting the molecular and neurochemical changes under sleep loss. In his talk he showed his recent findings and suggested one neurotransmitter which builds under sleep deprivation and is critical in maintaining deep sleep state. After the talk the special lecture was ended with thanks to the speaker.