

Seminar Title	: Protein Aggregation and Disaggregation: An impact of crowding environment
Speaker	: Deep Kumar Barman (Rollno : 522cy2013)
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Venue	: Seminar Room, Chemistry Department
Date and Time	: 30 Aug 2024 (04.15 PM)
Abstract	: The aim is to have a better understanding of the thermally induced aggregation and disaggregation of protein, which are responsible for many neurodegenerative diseases such as Alzheimer's Disease, Parkinson's Disease, etc., in the presence of a crowding environment (Cyclodextrin, polyethylene glycol, glycan etc.) and as a function of different pHs. The use of the crowder is to mimic the cellular environment and to bridge between <i>in vitro</i> and <i>in vivo</i> protein biophysical processes.