



# Animesh Mondal

**Designation: Assistant Professor of Zoology (W. B. E. S.)**

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**Research Interest:** Studying Protein aggregation and amyloidosis by deciphering spectroscopic signature.

## Academic Record:

**B.Sc : PRESIDENCY COLLEGE**

**M.Sc : PRESIDENCY UNIVERSITY**

**PH.D.: PURSUING AT CSIR-INDIAN INSTITUTE OF CHEMICAL BIOLOGY**

## Academic Achievements, Awards and Honors:

1. IASC-INSA-NASI - Summer Research Fellow - (Worked at Central University of Kerala)

### 2.Exam Cleared-

- GATE- AIR-192
- CSIR-UGC National Eligibility Test (NET)
- State Eligibility Test (SET)
- BHU

3. Selected for poster presentation with in SRAA category at 63<sup>rd</sup> Annual meeting of the Biophysical Society, Baltimore, USA 2019 - "Divulging Characteristic Features of the Novel  $\alpha$ -Synuclein Oligomers Augmenting Parkinson's Disease"

### Travel Grant by Indian Council Of Medical Research

4. Life Member of the Indian Science Congress Association.

5. Worked at **BNHS** as a Research Biologist 2014-2015 in collaboration with **RSPB**.

## Selected Publications:

- ❖ **Mondal, Animesh ; Pal, Uttam ; Roy, Anupam ; Maiti, Nakul Chandra.** (2018). Structural intricacy of disordered regions in transcription factors imparting colon cancer. **Journal of Proteins and Proteomics.** 9. 169-184. Springer (Featured as Cover page)
- ❖ **Mondal, A.; Chandra Maiti, N.** Divulging Characteristic Features of the Novel A-Synuclein Oligomers Augmenting Parkinson's Disease. **Biophys. J.** 2019, 116 (3), 185a. Cell press.
- ❖ **Dolui, S.; Mondal, A.; Roy, A.; Pal, U.; Das, S.; Saha, A.; Maiti, N. C.** Order, Disorder and Re-Order State of Lysozyme: Aggregation Mechanism by Raman Spectroscopy. **J. Phys. Chem. B** 2019. ACS
- ❖ **Bera, K.; Mondal, A.; Pal, U.; Maiti, N. C.** Porphyrin-Armored Gold Nanospheres Modulate the Secondary Structure of  $\alpha$ -Synuclein and Arrest Its Fibrillation. **J. Phys. Chem. C** 2020, 124 (11), 6418–6434.

**Courses Taught-** BSC Honours