



Dr. 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.: 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 **63rd** Annual meeting of the Biophysical Society, **Baltimore, USA 2019** - “Divulging Characteristic Features of the Novel α -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 α -Synuclein and Arrest Its Fibrillation. *J. Phys. Chem. C* 2020, 124 (11), 6418–6434.**

Courses Taught- BSC Honours