

# CURRICULUM VITAE

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**M.Sc. (Physics)**



## CONTACT INFORMATION

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## EDUCATION

- **GATE – (Physics) 2021.**
- **M.Sc.: Physics**, Specialization: Condensed Matter Physics, Elective Papers: Astrophysics and Cosmology, High Energy Physics; Acharya Prafulla Chandra College (Affiliated to West Bengal University), New Barrackpore, Kolkata – 700131, West Bengal, India.
- **B.Sc.: Physics (Honours)**, Dum Dum Motijheel College, West Bengal State University, Kolkata – 700074, India.

## ACADEMIC AND WORK EXPERIENCE

- **Faculty Member**  
2021 – Present, Department of Physics, Derozio Memorial College,  
Rajarhat Road, Kolkata, West Bengal, India – 700136
- **Guest Lecturer**  
2024 – Present, Department of Physics (PG), Acharya Prafulla Chandra  
College, New Barrackpore, Kolkata – 700131, West  
Bengal, India.

## PEER-REVIEWED PUBLICATIONS

### A. REFERRED JOURNAL PUBLICATIONS

- [1] Indranil Bhattacharyya, Shriparna Roy, Siddhartha Bhattacharjya & Narayan C. Bera, (2024) “Structure, dissociation pathways and thermochemistry of some nitrogen-containing astrophysical molecules: a theoretical study”, Molecular Physics, An International Journal at the Interface Between Chemistry and Physics, Issue: Latest Article, DOI: <https://doi.org/10.1080/00268976.2024.2336132>. (Scopus, UGC-CARE II)

- [2] B. Romesh Sharma, S.D. Singh, Siddhartha Bhattacharjya, Indranil Bhattacharyya, Partha Sarathi Majumdar, S. K. Azharuddin, **(2023)** “DETERMINATION OF ACTIVATION ENERGY FOR TL PEAKS RECORDED UNDER HYPERBOLIC HEATING SCHEME”, JOURNAL OF MECHANICS OF CONTINUA AND MATHEMATICAL SCIENCES, (ISSN (online) 2454-7190), vol.-18, No.- 10, October (2023) pp 16-22, **DOI:** <https://doi.org/10.26782/jmcms.2023.10.00002>. (**Scopus, UGC-CARE II**).