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**Educational Qualification(s):**

Qualification(s)	University
M.Sc in Chemistry	Tripura University
PhD (Thesis Submitted)	Tripura University

**Experience in years:**

Academic : Nil

**Other Information:**

**LIST OF RESEARCH PUBLICATIONS:**

1. Spectroscopic constants relating to ionization from the strongest bonding and inner valence molecular orbital  $2\sigma_g$  of  $N_2$ : An EIP-VUMRCC search  
**Amitava Sharma**, Sudip Chattopadhyay, Kalipada Adhikari, Dhiman Sinha, Chem. Phys. Lett. 634 (2015) 88.
2. Search of Truncation of (N-1) Electron Basis Containing Full Connected Triple Excitations in Computing Main and Satellite Ionization Potentials via Fock Space Coupled Cluster Approach  
Kalipada Adhikari, Sudip Chattopadhyay, Barin Kumar De, **Amitava Sharma**, Ranendu Kumar Nath and Dhiman Sinha, J. Comp. Chem. 34 (2013) 1291.
3. Investigations of the spectroscopic constants of  ${}^2\Pi_u$ ,  ${}^2\Sigma_u^+$  Main and Satellite, and  ${}^2\Pi_g$  states of  $N_2^+$  ion through the window of eigenvalue independent partitioning: A Fock space coupled cluster approach  
**Amitava Sharma**, Sudip Chattopadhyay, Dhiman Sinha (Communicated)

**PAPER SUBMITTED IN SYMPOSIUM, SEMINARS, AND CONFERENCES:**

- 1) **Poster Presented** in Recent Advances in Correlation Problems, held on 20-22 December, 2013, organized by the Indian Association for the Cultivation of Science, Kolkata, India.
  
- 2) **Poster Presented** in Theoretical Chemistry Symposium 2012, held on 19-22 December, 2012, organized by Indian Institute of Technology, Guwahati, India.
  
- 3) **Poster presented** in National Seminar on Green Chemistry and Nano Science: Theory & Applications, held on 20-21<sup>st</sup> July, 2012, organized by Department of Chemistry, MBB college, Agartala, Tripura (w), 799 004, in collaboration with Department of Chemistry, NIT, Agartala, Tripura (w), 799 055.
  
- 4) **Poster presented** in National Seminar on Recent Trends in Environmental Research and Management, held on 8-9 September, 2012, organized by Netaji Subhash Mahavidyalaya, Udaipur, Tripura.
  
- 5) **Oral presentation** given in Fifteenth National Conference on Surfactants, Emulsions and Biocolloids-2011, held on 27-29, 2011, organized by Department of Chemistry, Tripura University, Suryamaninagar-799 022, Tripura and Indian Society for Surface Science and Technology (ISSST) Kolkata – 700 032, India
  
- 6) **Paper presented** in State Level Seminar on “ Frontiers Areas of Chemistry” held on 3<sup>rd</sup> September, 2010, organized by Department of Chemistry, Tripura University, Suryamaninagar, Tripura Chemical Society, Agartala and Tripura State Council for Science & Technology, Government of Tripura.