

Faculty Profile
2018-2023

1. Personal Details:

Name: Piyasi Biswas

Qualification: M.Sc., Ph.D.

Designation: Assistant Professor

Department: Physics

Email id: piyasibiswas673@gmail.com

Teaching Experience [substantive post only]: 4 years

2. Previous work places: NA

3. Academic Credentials: B.Sc in 2013, West Bengal State University
M.Sc in 2015, West Bengal State University
PhD in 2022, Homi Bhabha National Institute
NET-JRF, June 2015

4. Courses Taught: Mathematical Physics, Mechanics, Waves and Optics, Thermal Physics, Physics Workshop Skill, Quantum Mechanics, Nuclear Physics, Experimental Technique, Applied Optics

5. Administrative Experience (if any):

6. Specialization and Research Interests: Astro Physics, Nuclear Reaction, Elastic Scattering, Back-angle Quasi-elastic Scattering, Fusion Reaction, Barrier Distribution

7. Publications: (Research article, General article, Books, Books chapter etc.)

1. Quasielastic backscattering and barrier distribution for the weakly bound projectile Li 6 on Tb 159_international_Physical Review C_2021,104,034620 <https://doi.org/10.1103/PhysRevC.104.034620>

Piyasi Biswas, A. Mukherjee, Saikat Bhattacharjee, D. Chattopadhyay, Subinit Roy, S. Santra, S. K. Pandit, K. Ramachandran, K. Mahata, and A. Shrivastava

2. Large back-angle quasielastic scattering for ${}^7\text{Li}+{}^{159}\text{Tb}$ _ international_Physical Review C_2021,103,014606 <https://doi.org/10.1103/PhysRevC.103.014606>

Piyasi Biswas, A. Mukherjee, D. Chattopadhyay, Saikat Bhattacharjee, M. K. Pradhan, Md. Moin Shaikh, Subinit Roy, A. Goswami, P. Basu, S. Santra, S. K. Pandit, K. Mahata, and A. Shrivastava

3. Systematic investigation of channel-coupling effects on elastic, inelastic, and neutron-transfer channels in ${}^6\text{Li}+{}^{159}\text{Tb}$ _international_Physical Review C_2022,106,064612 <https://doi.org/10.1103/PhysRevC.106.064612>

Saikat Bhattacharjee, Piyasi Biswas, Ashish Gupta, M. K. Pradhan, N. Deshmukh, P. Basu, V. V. Parkar, S. Santra, K. Ramachandran, A. Chatterjee, Subinit Roy, and A. Mukherjee

8. Patents (if any):

9. Research Project (if any):

Serial No._Title_Funding Agency_ Duration of the Project_ Grants Amount_ Date of Award_ Status of the Project

10. Research Supervision (Ph.D./M.Phil.)

Serial No._Name of the student_Research Topic_Name of the institution_Date of Registration _Year of Award of the Degree

11. Seminar/Workshop participated:

Serial No._Title_Date_Organized by_Place

12. Programmes Conducted / Organised as Convenor / Organising Secretary etc.

Serial No._Name of the Programme_ Sponsored By_Date

13. Achievements/Awards/Membership:

14. Any Other Relevant Information: