

Personal Details of Dr. Supriya Chatterjee,

Present position: Assistant Professor of Physics

Academic background: M. Sc., Ph. D

Other academic qualification: M. A. (Education), B. Ed.

NET qualifications: UGC-JRF (July 2001), CSIR-JRF (December 2001)

Joined WBES on: 02/06/2009

Number of Publications: 21 (Twenty one)

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Name of the Colleges served till date

1. Bidhannagar College (02.06.2009 to 06.01.2025)
2. A. P. C. Roy Government College (07.01.2025 to till date)

Areas of Specialization

1. Mathematical Physics
2. Atomic and molecular Physics
3. Nuclear Physics

Areas of Teaching

1. Mathematical Physics
2. Waves and Optics
3. Atomic Physics
4. Nuclear Physics
5. Statistical Mechanics

Areas of Research Interests

1. Atomic and Molecular Physics
2. Information theory

List of Publications (Journal/Proceedings)

1. S. Ghosh, S. Chatterjee and B. Talukdar, Czech. J. Phys **55**, 933 (2005)
2. A. Saha, S. Chatterjee and B. Talukdar, Phys. Scr. **81**, 055302 (2010)

3. S. Chatterjee, A. Choudhuri, A. Saha and B. Talukdar, Pramana- J. Phys. **75**, 471 (2010)
4. S. Chatterjee, A. Saha and B. Talukdar, Acta Phys. Pol. A **120**, 438 (2011)
5. S. Chatterjee, Phys. Scr. **85**, 045302 (2012)
6. S. Chatterjee, A. Saha and B. Talukdar, Eur. Phys. J. D **67**:240 (2013)
7. A. Saha, B. Talukdar and S. Chatterjee, Phys. Rev. E **89**, 023204 (2014)
8. S. Chatterjee, A. Saha and B. Talukdar, Pramana-J. Phys. **86**, 861 (2015)
9. A. Saha, B. Talukdar and S. Chatterjee, Eur. J. Phys. **38**, 025103 (2017)
10. A. Saha, B. Talukdar, U. Das and S. Chatterjee, Pramana- J. Phys. **88**:28 (2017)
11. A. Saha, B. Talukdar and S. Chatterjee, Physica A **474**, 370 (2017)
12. B. Talukdar, A. Saha, S. Chatterjee and G. A. Sekh, Eur. Phys. J. Plus **133**:480 (2018)
13. S. Chatterjee, G. A. Sekh and B. Talukdar, Rep. Math. Phys. **85**, 281 (2020)
14. G. A. Sekh, B. Talukdar and S. Chatterjee, Eur. J. Phys. **41**, 045403 (2020)
15. B. Talukdar, S. Chatterjee and G. A. Sekh, Pramana-J. Phys. **94**:141 (2020)
16. B. A. Khan, S. Chatterjee, G. A. Sekh and B. Talukdar, Acta Phys. Pol. A **141**, 64 (2022)
17. S. Chatterjee, J. Math. Chem. **60**, 830 (2022)
18. B. A. Khan, S. Chatterjee, G. A. Sekh and B. Talukdar, Lat. Am. J. Phys. Educ. **16**, 1601 (2022).
19. G. A. Sekh , B. Talukdar , S. Chatterjee and B. A. Khan, Phys. Scr. **97**, 115404 (2022).
20. S. Chatterjee, Lat. Am. J. Phys. Educ., **16** (4), 4313 (2022).
21. B. Talukdar, S. Chatterjee and G. A. Sekh, Pramana – J. Phys. **97**, 187 (2023).

List of Lectures in Seminar/Conferences

1. Presented paper in 103rd Indian Science Congress held at University of Mysore, Mysuru, Karnataka in 2016
2. Presented paper in 104th Indian Science Congress held at Sri Venkataswara University, Tirupati, Andhra Pradesh in 2017
3. Online oral presentation in International Web Conference on Nanoscience and Nanotechnology for High-end Applications held on 25-26 July, 2020 organized by Assam University, Silchar
4. Online oral presentation in National Webinar on Nanomaterials Physics and Chemistry: Recent Development and Applications held on 11-12 July, 2021 organized by Narajole Raj College, Paschim Medinipur

Member of Academic Bodies

Life member of Indian Science Congress Association

