Dr. Md Golam Masud

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https://scholar.google.com/citations?pli=1&authuser=1&user=QPjxDIIAAAAJ
https://publons.com/researcher/J-8500-2014/

Professional Appointments

- **Basanti Devi College: Kolkata, West Bengal, IN**
  2017 to present | Assistant Professor
- **Govt. General Degree College, Pedong, Kalimpong, West Bengal, IN**
  2016 to 2017 | Assistant Professor (W.B.E.S.)
- **Darjeeling Govt. College: Darjeeling, West Bengal, IN**
  2015 to 2016 | Assistant Professor (W.B.E.S.)

Educations

- **Ph.D. in Physics**
  Indian Association for the Cultivation of Science, Jadavpur, Kolkata, 700032, India
- **M.Sc. in Physics**
  Indian Institute of Technology-Delhi (IIT-Delhi), India
- **B. Sc. (Physics Hons.)**
  Maulana Azad College (University of Calcutta), India
- **Qualified CSIR-NET (JRF), GATE, JAM and WBJEE (Eng.)**

Subjects Taught

Theory

- ✔ Solid State Physics (Core Course, 6th SEM)
- ✔ Laser and Fibre Optics (DSE, 5th SEM)
- ✔ Calculus of variation (Core Course, 4th SEM)
- ✔ Special Theory of Relativity (Core course, 4th SEM)
- ✔ Fourier series and transform (core course, 3rd SEM)

- ✔ Classical mechanics (core course, 2nd SEM)
- ✔ Physical optics (core course, 2nd SEM)

Laboratory

- ✔ Optics, Solid State Physics, Mathematical Physics (Python), Electricity and Magnetism

Research (Citations: 233, h-index: 8, i-10 index: 7, google scholar data as on 25.03.2022**)**

Interest

- Multiferroics and Magnetoelectric,
- Dielectric spectroscopy,
- Magnetism,
- Transition metal oxides,
- Nanomaterials,
- Transport properties

Publications

1. Journal of Advanced Dielectrics, **11**, 6, 2150027 (2021)
2. Journal of Magnetism and Magnetic Materials, **526**, 167759 (2021)
3. Journal of Phys. D: Applied Physics, **48,** 375504 (2015)
4. Journal of Applied Physics **118**, 064104 (2015)
5. Journal of Applied Physics **118**, 035103 (2015)
6. Journal of Physics and Chemistry of Solids, **75**, 3, 374-378 (2014)
7. Physica B: Condensed Matter, **414**, 60-66 (2013)
8. Journal of Phys. D: Applied Physics, **45,** 485002 (2012)
9. Advanced Science, Engineering and Medicine, **5**, 2, 126-132(7) (2013)
10. Journal of Physics: Condensed. Matter **24,** 295902 (2013)
11. Journal of Applied Polymer Science, **125**, 3, 2363-2370 (2012)
12. Journal of Polymer Science Part B: Polymer Physics, **50** (8), 572-579 (2012)
13. AIP Conference Proceedings, **1447** (1), 963 (2012)
14. AIP Conference Proceedings, **1447** (1), 953-954 (2012)
15. AIP Conference Proceedings, **1447** (1), 931-932 (2012)
16. AIP Conference Proceedings, **1447** (1), 995-996 (2012)
17. Journal of Physics D: Applied Physics, **44** (25), 255403 (2011)
18. Journal of Applied Physics, **110** (11), 113719 (2011)

Seminars and Symposium

1. 55th DAE Solid State Physics Symposium, Manipal, India (2010)
2. 56th DAE Solid State Physics Symposium, SRM University, Tamilnadu, India (2011)
3. Young Physicists Colloquium, Organized by Indian Physical Society Venue: SINP auditorium Hall (2010)

Book Chapter

1. Basic and Applied Sciences into Next Frontiers the Aspects of Bio & Physical Sciences, page 77-84 (NEW DELHI PUBLISHERS, 2021)