

CURRICULUM VITAE

PAYEL MONDAL

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Education

- Ph.D. (Pursuing), West Bengal State University
- M.Sc. (Specialization: Applied Mathematics), West Bengal State University, 2015

Qualification

- State Eligibility Test (SET) – 2014 in Mathematical Sciences
- Graduate Aptitude Test in Engineering (GATE) – 2022 in Mathematics

Publications :

- S. Chakraborty & **P. Mondal** : “*Propagation of Rayleigh Waves in Functionally graded Magneto-electro – elastic half-space*”, IEEE, 2019, ISBN:978-1-7281-1349-4-011, doi:10.1109/UEMCOS46508.2019.9221538.
- **Payel Mondal**, and Sarbani Chakraborty : “*Propagation of SH waves at the interface of a piezo-electric layer and a piezo-magnetic half space*”, The Mathematics Student, 2024, 93, 3-4, July-December, 61–73, ISSN: 0025-5742.
- **Payel Mondal**, Bishnupada Barik and Sarbani Chakraborty : “*Propagation of SH Type waves in a Sandwiched piezo-electric layer*”, Journal of the Calcutta Mathematical Society, 2025, Volume 21, Number 2, 239–249, ISSN: 2231-5314.

Paper Presentation:

- **Payel Mondal** : “Propagation of SH waves at the interface of a Piezo-electric layer and a Piezo-magnetic half space”, National Webinar on ‘Mathematical Modeling: Theory and Applications’, 28th August 2020, Organized by Department of Mathematics in Collaboration with IQAC, West Bengal State University, Barasat, India
- Payel Mondal : “SH waves in a Sandwiched Piezo-Electric Layer”, International Webinar on Recent Trends in Mathematical Theory and Applications, 14th -15th December 2022, Department of Mathematics, West Bengal State University, Barasat, India.
- Payel Mondal : “Propagation Of SH Type Waves in a Sandwiched Piezoelectric Layer”, International Conference on Advancement of Mathematical Sciences and Computer Vision (ICAMSCV 2023), 09-11 December 2023, The Calcutta Mathematical Society, Kolkata, India.

Seminars/ Conferences/symposia/Workshop etc. Attended :

- International Conference on Advancement of Mathematical Sciences and Computer Vision (ICAMSCV 2023), 09-11 December 2023, The Calcutta Mathematical Society, Kolkata, India.
- International Webinar on Recent Trends in Mathematical Theory and Applications, 14th - 15th December 2022, Department of Mathematics, West Bengal State University, Barasat, India.
- National Webinar on ‘Mathematical Modeling: Theory and Applications’, 28th August 2020, Organized by Department of Mathematics in Collaboration with IQAC, West Bengal State University, Barasat, India
- National Webinar on ‘Recent Advances in Mathematics’ (24th August, 2020), Organized by Department of Mathematics in Collaboration with IQAC, West Bengal State University, Barasat, India
- 9th National Seminar(web) on ‘Ancient Indian Science and Technology’ organized by NITTTR Kolkata in collaboration with knowledge partner SPIU, Uttar Pradesh held on 13th July, 2020

- Two Day Online FDP on “Applications of Mathematics in Engineering” organized by Department of Mathematics & Humanities, Mahatma Gandhi Institute of Technology (MGIT), Hyderabad during 3rd and 4th July 2020
- IEEE UEMCOS 2019 (International Conference on Sensors and Transducers), 25th - 27th April, 2019
- One Day State Level Seminar on ‘Mathematics for All’ at Sarojini Naidu College For Women on March 16,2019
- International Conference on “Frontiers of Statistical Physics (FSP-2018)”, organized by Indian Statistical Institute, Kolkata, India and Presidency University, Kolkata, India, during February 26 -28 , 2018
- National Seminar on “Analysis and Applications: Celebrating 100 years of the General Theory of Relativity”, organized by Dept. of Mathematics, West Bengal State University, Barasat, India, during March 10 -11 , 2016