CURRICULUM VITAE

Name: **Dr. Payel Das**
Father's Name: Barun Kumar Das
Date of Birth: 03.08.1980
Discipline: Mathematics
Specialisation: Applied Mathematics
Field of Research: **Genaralized thermoelasticity and Magneto Thermo-elasticity**
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Permanent Address: 44/1 Shyam Road, P.O. Naihati, Dist.- North 24 Parganas, PIN-743165
Religion: Hindu
Nationality: Indian
Sex: Female
Marital Status: Married
Present Status: Assistant Professor, Department of Basic Engineering Sciences, Netaji Subhash Engineering College, Garia, Kolkata-700152.

Qualifications:

Examination Passed	Board/University	Year of Passing	% of Marks Obtained	Division/Class
Madhyamik	W.B.B.S.E.	1997	75.00	1st
Higher Secondary	W.B.C.H.S.E.	1999	73.60	1st
B.Sc. (Hons. in Mathematics)	University of Calcutta	2003	64.10	1st
M.Sc.(Applied Mathematics)	University of Calcutta	2005	71.30	1st
PhD (Magneto-thermo-elasticity)	University of Calcutta	2014	----------	----------

Project Title (at PG): "*Project work on close binary stars & their evolution"*

Project Title (at Ph. D. course work): *"Project work on magneto-thermo-elastic Waves in a functionally graded unbounded medium"*

Working Experience: (1) *July 17, 2006 to June 30, 2010 as a Lecturer in Netaji Subhash Engineering College, Garia, Kolkata-700152.*
(2) *July 1, 2010 to till date as an Assistant Professor in Netaji Subhash Engineering College, Garia, Kolkata-700152.*

Research Guidance

Program	No. of Students presently guiding
Ph. D.	1

Training: (1) *" Faculty Induction Programme" (2007)*
(2) *"Building competetency for academic management and industrial collaboration" under TEQIP (2009)*
(3) Faculty Development Programme on "Behavioral Remodeling And Use Of ICT Tools For Classroom Delivery Of Teachers" organized by E&ICT Academy IIT Guwahati in association with Netaji Subhash Engineering College (2019)
(4) NPTEL-AICTE FDP course on "Numerical Linear Algebra" (2021).

Conferences/Seminar/Workshop: (1) Seminar on Recent Trends on Using Composite & Nanomaterials and Advances in Fracture Mechanics and Related Computational Aspects; 2008, Institute of Theoretical physics, Kolkata.
(2) National Symposium on Applied Mathematics and Related Computational Problems; 2009, Department of Applied Mathematics, University of Calcutta, Kolkata.
(3) Symposium on "Recent Trends in Theoretical physics and Applied Mathematics; 2010, Institute of Theoretical physics, Kolkata.
(4) Seminar held on Teacher's Day, dedicated to the memory of late Prof. P.P. Chattarji; 2011, Department of Applied Mathematics, University of Calcutta, Kolkata.
(5) Symposium on "Recent Trends in Theoretical physics and Applied Mathematics"; 2011, Institute of Theoretical physics, Kolkata.
(6) National Seminar on "Mathematics and Mathematical Sciences"; 2012, Meghnad Saha Auditorium of Rashbehari Shiksha Prangan, 92 A.P.C. Road, Kolkata.
(7) National Conference on Engineering Trends in Physics of Fluids and Solids; 2013, Jadavpur University, Kolkata.
(8) Seminar on "Role of Mathematics to understand Dynamic Processes in Different System"; 2013,

Institute of Theoretical physics, Kolkata.
(9) Workshop on " Funding Opportunities and Success Stories of Capturing Grant"; 2014, Netaji Subhash Engineering College, Garia, Kolkata.
(10) National E-Seminar on " Recent Advances in Mathematics" (RAM-2021), 2021, GITAM.
(11) Webinar on "Evolution of Darwin's Finches from Ecology to Genomics", 2022, Deen Dayal Upadhyaya College, University of Delhi.

Publication:

(1) Payel Das and M. Kanoria, Magneto-thermo-elastic waves in an infinite perfectly conducting elastic solid with energy dissipation, *Applied Mathematics and Mechanics*, 30 (2), 221-228, 2009.

(2) Payel Das and M. Kanoria, Magneto-thermo-elastic response in a functionally graded isotropic unbounded medium under a periodically varying heat source, *International Journal of Thermophysics*, 30 (6), 2098-2121, 2009.

(3) Payel Das and M. Kanoria, Analysis of magneto-thermo-elastic response in a functionally graded isotropic unbounded medium based on GN-theory, *Proceedings of 8th International Congress on Thermal Stresss*, USA, 461-464, 2009.

(4) Payel Das and M. Kanoria, Study of magneto-thermo-elastic waves in a functionally graded unbounded medium. *Proceedings of national symposium on applied mathematics and related computational problems*, Kolkata, 30-35, 2009.

(5) Payel Das and M. Kanoria, Magneto-thermo-elastic response in a perfectly conducting medium with three-phase-lag effect, *Acta Mechanica*, 223(4), 811-828, 2012.

(6) Payel Das and M. Kanoria, Two-temperature magneto-thermo-elasticity response in a perfectly conducting medium based on GN III model, *International Journal of Pure and Applied Mathematics*, 81(2), 199-229, 2012.

(7) Payel Das, Avijit Kar and M. Kanoria, Analysis of Magneto-thermo-elastic response in a transversely isotropic hollow cylinder under thermal shock with three-phase-lag effect, *Journal of Thermal Stresses*, 36, 239-258, 2013.

(8) Payel Das and M. Kanoria, Study of finite thermal waves in a magneto-thermoelastic rotating medium, *Journal of Thermal Stresses, 37, 405-428, 2014.*

(9) Payel Das and M. Kanoria, Two-temperature magneto thermoelastic response in a perfectly conducting medium with finite wave speed, *Indian Journal of Theoretical Physics, 61(3), 203-239, 2014.*

(10) P. Pal, Payel Das and M. Kanoria, Magneto-thermoelastic response in a functionally graded rotating medium due to a periodically varying heat source, *Acta Mechanica*, 226, 2103-2120, 2015.

(11) A. De, P. Das and M. Kanoria, Thermal damages of living tissues due to hyperthermic perfusion, *International Journal of Advances in Applied Mathematics and Mechanics, 9(4), 1-11, 2022.*

(12) A. De, P. Purkait, P. Das and M. Kanoria, Effect of magnetic field and inclined load on a two-dimensional thermoelastic medium under gravity, *Journal of Multiscale Modelling, 14(3), 2023.*