

**NARAYAN DAS**  
**(W.B.E.S.)**  
**Assistant Professor of Mathematics**

**Academic qualifications**

- M.Sc. in Pure Mathematics  
University of Calcutta
- Ph.D. (Pursuing ) in Applied Mathematics  
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**Communication Details**

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**Teaching Interests**

Abstract Algebra, Linear Algebra, Real Analysis, Metric Spaces, Complex Analysis, ODEs & PDEs, Numerical Analysis.

**Published Research Papers**

- **N. Das**, N. Sarkar, A. Lahiri, “ Reflection of plane waves from the stress-free isothermal and insulated boundaries of a nonlocal thermoelastic solid”, Applied Mathematical Modelling, 73, 526-544, 2019. (Elsevier, New York, USA, SCI; ISSN: 1872-8480, IF-3.633 ).
- **N. Das**, S. De, N. Sarkar, “Reflection of plane waves in generalized thermoelasticity of type III with nonlocal effect”, Mathematical Methods in the Applied Sciences, 43(3), 1313-1336, 2020. (Wiley, USA, SCI(E); ISSN: 0170-4214, IF-1.626 ).
- **N. Das**, S. De, N. Sarkar, “Plane waves in nonlocal generalized thermoelasticity”, ZAMM - Zeitschrift fr Angewandte Mathematik und Mechanik, DOI:[10.1002/zamm.202000294](https://doi.org/10.1002/zamm.202000294)(Wiley, Germany, SCI; ISSN: 1521-4001, IF-1.103 ).
- Nihar Sarkar, M Bachher, **N Das**, S De, N. Sarkar, “Waves in nonlocal thermoelastic solids of type III”, ZAMM - Zeitschrift fr Angewandte Mathematik und Mechanik, 100 (4), 2020. DOI: 10.1002/zamm.201900252 (Wiley, Germany, SCI; ISSN: 1521-4001, IF-1.103 ).
- Nihar Sarkar, S. De, **N. Das**, N. Sarkar, “Reflection of Thermoelastic Waves From the Insulated Surface of a Solid Half-Space With Time-Delay”, Journal of Heat Transfer-Transactions of the ASME, 142(9): 092101 (9 pages), 2020. (The American Society of Mechanical Engineers, USA, SCI; ISSN: 0022-1481, IF-1.787).

### **Selected Workshops and Conferences Attended**

- International One Week Faculty Development Program on “**New Directions in Applied Science and Technology**” from **1<sup>st</sup> -7<sup>th</sup> July 2020** organized by **Arunai International Research Foundation** in associated with **Department of Mathematics, Annamalai University and Elsevier**.
- ***Refresher Course in Recent Advances in Science and Technology*** held under the aegis of the **UGC Human Resource Development Centre, The University of Burdwan**, from **20<sup>th</sup> August 2021 to 02<sup>nd</sup> September 2021**.

### **Paper Presentation**

- “**PLANE HARMONIC WAVES IN NONLOCAL THERMOELASTIC SOLID OF TYPE III**” in the one-day **INTERNATIONAL WEBINAR on “MATHEMATICAL MODELING AND ITS APPLICATION”** on **18th September 2020** organized by **Govt. General Degree College, Muragachha**.
- “**Plane harmonic waves in nonlocal Thermo elasticity III**” at the **Recent Advances in Applied Mathematics: Theory & Computation** held on **27.03.2021-29.03.2021** at the **Department of Applied Mathematics, University of Calcutta**.
- “**Reflection of plane Harmonic waves from the stress-free isothermal and insulated boundaries of a nonlocal thermoelastic solid**” at the **27TH INTERNATIONAL CONFERENCE OF INTERNATIONAL ACADEMY OF PHYSICAL SCIENCES (CONIAPS XXVII)** On “**RECENT ADVANCES IN SOLID MECHANICS AND SEISMOLOGY**” **OCTOBER 26-28, 2021**, Organized by **DEPARTMENT OF MATHEMATICS KURUKSHETRA UNIVERSITY, KURUKSHETRA, INDIA**.
- “**Waves in Nonlocal Thermoelastic solid of type III**” in the **International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2018)**, held during **23-25 October, 2018**, organized by **department of Applied Mathematics at Delhi Technological University, Delhi, India**.