

### BIO DATA

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**DESIGNATION :** ASSOCIATE PROFESSOR IN MATHEMATICS

**TEACHING EXPERIENCE:** U.G. - 19 YEARS, P. G. – 10 YEARS.

**SPECIAL PAPER:** THEORY OF ELASTICITY AND PLASTICITY

#### **EDUCATIONAL QUALIFICATION :**

| Name of Exam.            | Board/ University | Year of Passing | Division/ Class          |
|--------------------------|-------------------|-----------------|--------------------------|
| Madhyamik                | WBBSE             | 1981            | 1 <sup>st</sup> Division |
| Higher Secondary         | WBCHSE            | 1983            | 1 <sup>st</sup> Division |
| B.Sc. Honours            | C.U.              | 1986            | 1 <sup>st</sup> Class    |
| M.Sc. Applied Math.      | C.U.              | 1988            | 1 <sup>st</sup> Class    |
| M.Phil. in Applied Math. | C.U.              | 1990            | P                        |

**NET ( UGC/CSIR) :** NET QUALIFIED IN 1990 UNDER U.G.C.

**Title of Ph.D. Thesis :** EFFECTS OF CRACKS, PUNCHES AND TEMPERATURE IN ELASTIC MEDIA

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#### **LIST OF PUBLICATIONS:**

1. *Torsion of nonhomogeneous elastic half-space with embedded penny shaped flaws, Indian J. pure appl. Math.*, 24 (12), 801-815, December 1993.
2. *Penny-shaped crack in a nonhomogeneous solid under torsion, J. Indian Inst. Sci.*, Nov- Dec., 74, 727-739, 1994.

3. *Sudden twisting of a penny-shaped crack in a nonhomogeneous elastic medium*, Journal of Mathematical and Physical Sciences, Vol. 29, No. 5, 207- 221. October 1995.
4. *Non-homogeneous transversely isotropic half-space under torsion and embedded penny shaped flaw*, Indian Journal of Theoretical Physics, ISSN 0019-5693, Vol.-43, No. 3, , 229- 243, 1995.
5. *A note on the crack problem for a nonhomogeneous plane*, Engineering Transaction, 44, 3-4, 349-360, 1996.
6. *Receding contact between an orthotropic layer and an orthotropic half-space*, Arch. Mech., 50, 4, 743- 755, 1998.
7. *Receding axisymmetric contact between a transversely isotropic layer and a transversely isotropic half-space*, Bull. Cal. Math. Soc., 95, (2), 151 – 164, 2003.
8. *Effects of an axisymmetric rigid punch on a nonhomogeneous transversely isotropic half-space*, ANZIAM J. 44, 461- 474, 2003.
9. *Thermal stress in a nonhomogeneous transversely isotropic medium containing a penny-shaped crack*, Bull. Cal. Math. Soc., 98, (6), 547-570, 2006

**ORIENTATION PROGRAM :**

27/11/2003 to 24/12/2003 in Academic Staff College , University of Calcutta.

**REFRESHER COURSES:**

1. 01/12/2004 to 21/12/2004 in Academic Staff college, University of Calcutta.
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