

Publications:

A. Chapter in an international book (1)

1. **B. Singh**, Thermoelastic waves at an interface between two solids, *Encyclopedia of thermal stresses*, Springer, 2014

B. International conference proceeding (1)

1. **B. Singh**, Rayleigh surface wave in a porothermoelastic solid half-space, *Poromechanics VI*, 1706-1713, 2017

C. List of international level published papers: (105)

1. **R. Kumar and B. Singh**, Wave propagation in a micropolar generalized thermoelastic body with stretch, *Proc. (Math. Sci.) I. A. Sc.*, **106** (1996) 183-199 (ISSN: 0253-4142; Impact factor 0.371; UGC No. 38533)
2. **R. Kumar and B. Singh**, Reflection and transmission of elastic waves at a loosely bonded interface between an elastic and a micropolar elastic solid, *Indian J. pure appl. Math.* **28** (1997) 1133-1153 (ISSN: 0019-5588, Impact factor : 0.325; UGC No. 20865)
3. **B. Singh and R. Kumar**, Wave Propagation in a generalized thermo-microstretch elastic solid, *Int. J. Engng. Sci.* **36** (1998) 891-912 (ISSN: 0020-7225, Impact factor : 4.261; UGC No. 2976)
4. **B. Singh and R. Kumar**, Reflection of plane waves from a flat boundary of a micropolar generalized thermoelastic half-space, *Int. J. Engng. Sci.* **36** (1998) 865-890 (ISSN: 0020-7225, Impact factor : 4.261; UGC No. 2976)
5. **B. Singh and R. Kumar**, Reflection and refraction of plane waves at an interface between micropolar elastic solid viscoelastic solid, *Int. J. Engng. Sci.* **36** (1998) 119-135 (ISSN: 0020-7225, Impact factor : 4.261; UGC No. 2976)
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14. **B. Singh**, Reflection of plane waves from free surface of a microstretch elastic solid, *Proc. (Earth and Planet. Sci.) I. A. Sci.* **111** (2002) 29-37 (ISSN: 0253-4126, Impact factor : 0.955; UGC No. 38531)
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19. **S. K. Tomar, B. Singh**, Propagation of SH wave through an elastic slab sandwiched between two half-spaces, *Int. J. Appl. Mech. Engng.* **10** (2004) 345-358 (ISSN: 2353-9003; UGC No. 47825)
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26. **B. Singh**, Propagation of thermoelastic waves at liquid-solid interface in presence of circular cracks, *Int. J. Appl. Mech. Engng.* **12** (2007) 799-811 (ISSN: 1425-1655; UGC No. 47825)
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29. **M. I. A. Othman and B. Singh**, The effect of rotation on generalized micropolar thermoelasticity for a half-space under five theories, *Int. J. Solids Struct.* **44** (2007) 2748-2762 (ISSN: 0020-7683, Impact factor : 2.760; UGC no. 23536)
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D. Published papers in National Journals: (16)

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