

Research Publication of Dr. Brijendra Paswan

1. Pooja Singh, Abhishek Kumar Singh, **Brijendra Paswan**, Amares Chattopadhyay, *Mathematical study on reflection and transmission of plane waves in a rotating piezothermo-elastic composite structure*, *Mechanics of Advanced Materials and Structures*, Impact Factor-4.030 [Accepted for Publication], 2022.
2. Sanjeev A. Sahu, Soniya Chaudhary, **Brijendra Paswan.**, *Scattering phenomenon of qP wave at the interface of FGPM and piezoelectric medium*, *Waves in Random and Complex Media*, 29(3),435-455 (2019), Impact Factor-4.853.
3. Soniya Chaudhary, Sanjeev A. Sahu, **Brijendra Paswan.**, *Transference of SH waves through Irregular Interface between Corrugated Piezoelectric Layer and Pre-Stressed Viscoelastic Substrate*, *Mechanics of advanced materials and structures*, 26(2),156-169,(2019),ImpactFactor-4.030.
4. **Brijendra Paswan**, Sanjeev A. Sahu, Pradeep K. Saroj., *Dynamic response of heterogeneity and reinforcement on the propagation of torsional surface waves*, *Technische Mechanik*, 37(1),69-81(2017).
5. **Brijendra Paswan**, Sanjeev A. Sahu, Amares Chattopadhyay., *Reflection and transmission of plane wave through fluid layer of finite width sandwiched between two monoclinic elastic half-spaces*. *Acta Mechanica.*, 227(12),3687-3701,(2016), Impact Factor-2.698.
6. Sanjeev A. Sahu, **Brijendra Paswan**, Amares Chattopadhyay., *Reflection and transmission of plane waves through isotropic medium sandwiched between two highly anisotropic half-space.*, *Waves in Random and Complex Media.*, 26(1),42-67 (2015), Impact Factor-4.853
7. Sanjeev A. Sahu, Pradeep K. Saroj, **Brijendra Paswan.**, *Shear waves in a heterogeneous fiber-reinforced layer over a half-space under gravity*. *International journal of Geomechanics.*, 15(2),pp-04014048(2014), Impact Factor-3.819.