

LIST OF PUBLICATIONS

1. **Vivek Kumar Sharma, et. al** “Self similar solution of self-gravitating, magneto-gas dynamic spherical shock wave propagating in a rotating medium with radiation heat flux” **AIP (American Institute of Physics) Conference Proceedings Volume 1146, Melville, New York, USA, 2009, p. 499-511.**
2. **Vivek Kumar Sharma, R. P. Singh and Ashok Ganguly**, “Study of the influence of radiation energy and pressure in case of strong point explosion in a self-gravitating, magneto-radiative medium with zero temperature gradient”, **International J. of Math. Sci. & Engg. Appls. (IJMSEA), Vol. 7, No. II (March, 2013), pp. 397-410.**
3. **Vivek Kumar Sharma, and Pankaj Sharma**, “Shock waves generated by a piston moving in a non-ideal gas in the presence of a self-gravitating, magnetic and rotating field: isothermal flow”, **J. Bulletin of Pure and Applied Mathematics (BPAM), vol. 7, No. 1, June 2013. (Accepted for publication)**
4. **Vivek Kumar Sharma, et. al**, “Similarity solutions of a strong shock wave propagation in a mixture of a gas and dusty particles under the influence of monochromatic radiation”, **J. Mathematical and Computational Application (MCA), Manisa, Turkey.(Communicated)**