**Hall and Ion-slip effects on MHD free convection flow through an oscillatory porous medium with constant suction velocity and radiation**

**Abstract:** In this paper influence of Hall and Ion-slip current on MHD free convection flow through an oscillatory porous medium with constant suction velocity and chemical reaction in presence of radiation has been investigated. An analytical solution of the governing equations illustrating the flow is attained by the Perturbation method. The effects of various physical parameters on velocity, temperature and concentration fields are presented graphically. In this paper it was conclude that as velocity, temperature and concentration declined with the rise in Hall, Ion-slip current, radiation, chemical reaction, Prandtl number and Schmidt number.