LIST OF PUBLICATIONS
The work reported in this thesis is covered by the following papers:


4. Effects of rotation and anisotropy of a porous medium on ferroconvection -- To be presented at National Conference on magnetic fluid research at Baruch (India) from 18-20th October 1997. (Later it will be published as Conference proceedings in Journal of Magnetism and Magnetic Materials). (Chapter-4 section-4.3)


7. Effect of rotation on Ferro thermohaline convection -- Communicated to Journal of Engineering Mathematics (Chapter-5 section-5.3).

8. Effect of rotation on Ferro thermohaline convection saturating a porous medium --To be presented at National Conference on magnetic fluid research at Baruch (India) from 18-20 th October 1997. (Later it will be published as Conference proceedings in Journal of Magnetism and Magnetic Materials).(Chapter-5 section-5.4).