Bibliography

- Ahmed, S., Batin, A. and Chamkha, A. J. Finite Difference Approach in porous media transport modeling for Magnetohydrodynamic unsteady flow over a vertical plate: Darcian Model, *Int. J. of Numerical Methods for Heat and Fluid Flow*, Vol. 24, No. 5, pp. 1-21 (2014).
- Ahmed, S. and Batin, A. Magnetohydrodynamic heat and mass transfer flow with induced magnetic field and viscous dissipative effects, *Latin American Applied Research*, Vol. 44, pp.9-17 (2014).
- Ahmed, S. and Kalita, K. Mathematical modeling for porous media transport in Newtonian radiating/chemically reacting fluid over an impulsively-started vertical plate: A finite difference approach, *Latin American Applied Research*, Vol. 44, pp.71-80 (2014).
- Ahmed, S., Kalita, K. and Zueco, J. Non-linear Magneto hydrodynamic Radiating flow over an impulsively started vertical plate in a saturated porous regime: Laplace and Numerical approach, J. of Engineering Physics and Thermo physics (Springer), Vol. 87, No. 5, pp. 1169-1182 (2014).
- Alam, M. S., Rahman, M. M. and Samad, M. A. Dufour and soret effects on unsteady MHD free convection and mass transfer flow past a vertical plate in a porous medium, *Nonlinear Analysis: Modeling and Control*, Vol. 3, No. 3, pp. 217–226 (2006).
- Attia, H. A. and Kotab, N. A. MHD flow between two parallel plates with heat transfer, *Acta Mechanica*, Vol. 117, pp. 215-220 (1996).
- Ali, M., Alim, A. and Andallah, L. S. Conjugate Effects of Radiation and Joule Heating on Magnetohydrodynamic Free Convection Flow along a Sphere with Heat Generation, *American Journal of Computational Mathematics*, Vol. 1, No. 1, pp. 18-25 (2011).

- Ahmed, S. and Khatun, H. Magnetohydrodynamic Oscillatory Flow in a Planer Porous Channel with Suction and Injection, International Journal of Engineeriang Research & Technology, (IJERT), ISSN: 2278-0181, Vol. 2 ,Issue 11 (2013).
- Ahmed, S. Effects of unsteady free convective MHD flow through a porous medium bounded by an infinite vertical porous plate, *Bull. Cal. Math. Soc*, Vol. 90, pp. 507-522 (2007).
- Ahmed, S. and Kalita, K. Magnetohydrodynamic transient flow through a porous medium bounded by a hot vertical plate in the presence of radiation: a theoretical analysis, *Journal of Engineering Physics and Thermophysics*, Vol. 86, No. 1, pp. 30-39 (2013).
- Ahmed, S. and Kalita, K. Analytical numerical study for MHD radiating flow over an infinite vertical plate bounded by porous medium in presence of chemical reaction, *Journal of Applied Fluid Mechanics*, Vol. 6, No. 4, pp. 597-607 (2013).
- Ahmed, S. Numerical analysis for magnetohydrodynamic chemically reacting and radiating fluid past a non-isothermal uniformly moving vertical surface adjacent to a porous regime, *Ain Shams Engineering Journal (Elsevier)*, Vol. 5, pp. 923-933 (2014).
- Ahmed, S. and Liu, I.C. Mixed convective three-dimensional heat and mass transfer flow with transversely periodic suction velocity, *Int. J. Applied Mathematics and Mechanics*, Vol. 6, pp. 58-73 (2010).
- Ahmed, S. Free convective flow in a vertical channel through a porous medium with heat transfer, *International Journal of Applied Mathematics*, Vol. 21, No. 4, pp. 671-684 (2008).

- Ahmed, S. Three-dimensional Channel flow through a porous medium, *Bulletin of Calcutta Mathematical Society*, Vol. 101, No. 5, pp. 503-514 (2009).
- Ahmed, S. and Zueco, J. Modeling of Heat and Mass Transfer in a Rotating Vertical Porous Channel with Hall Current, *Chemical Engineering Communications*, Vol.198, pp. 1294–1308 (2011).
- Ahmed, S. Free and Forced Convective MHD Oscillatory Flows over an Infinite Porous Surface in an Oscillating Free Stream, *Latin American Applied Research*, Vol.40, pp. 167-173 (2010).
- Ahmed, S. Free convective transient three-dimensional flow through a porous medium oscillating with time in presence of periodic suction velocity, *Int. J. Applied Mathematics and Mechanics*, Vol. 6, No. 11, pp. 1-16 (2010).
- Ahmed, S. The study of heat and mass transfer on free convective three-dimensional unsteady flows over a porous vertical plate, *Journal of Energy Heat and Mass Transfer*, Vol. 31, pp. 89-110 (2009).
- Ahmed, S. and Liu, I.C. Mixed convective three-dimensional heat and mass transfer flow with transversely periodic suction velocity, *Int. J. Applied Mathematics and Mechanics*, Vol. 6, No. 1, pp. 58-73 (2010).
- Ahmed, N., Sengupta, S. and Datta, D. An exact analysis for MHD free convection mass transfer flow past an oscillating plate embedded in a porous medium with Soret effect, *Chem. Eng. Comm.*, vol. 200, No.4, pp.494–513 (2013).
- Ahmed, N. and Sengupta, S. MHD free convective chemically reactive flow of a dissipative fluid with thermal diffusion, fluctuating wall temperature and concentrations in velocity slip regime, *Int. J. of Appl. Math and Mech.*, vol. 10, No. 4, pp. 27-54 (2014).

- Ahmed, N., Sarmah, H. K. and Kalita, D. Thermal diffusion effect on a three-dimensional MHD free convection with mass transfer flow from a porous vertical plate, *Lat. Am. Appl. Res.*, Vol. 41, pp. 165-176 (2011).
- Alam, M.M.and Rahman, M. S. Dufour and Soret effects on mixed convection flow past a vertical porous flat plate with variable suction, *Nonlinear Analysis: Modelling* and Control, Vol. 11, No. 1, pp. 3-12 (2006).
- Ahmadi, G. and Manvi, R. Equation of Motion for Viscous Flow through a Rigid Porous Medium, *Indian J. Tech.*, Vol. 9, pp. 441-444 (1971).
- Abd El-Naby, M.A., Elbarbary, E. M. E. and Abdelazem, N. Y. Finite difference solution of radiation effects on MHD unsteady free-convection flow over vertical plate with variable surface temperature, *Journal of Applied Mathematics*, Vol. 2003, No. 2, pp. 65–86 (2003).
- Acharya, A.K., Dash, G.C. and Mishra, S.R. Free convective fluctuating MHD flow through porous media past a vertical porous plate with variable temperature and heat source, *Physics Research International*, Vol. 2014, 8 pages (2014).
- Acharya, M., Singh, L. P. and Dash, G. C. Heat and mass transfer over an accelerating surface with heat source in the presence of suction and blowing, *Int J Eng Sci.*, Vol. 37, pp. 189–210 (1999).
- Agrawal, A.K., Samria, N.K. and Gupta, S.N. Free convection due to thermal and mass diffusion in laminar flow of an accelerated infinite vertical plate in the presence of magnetic field, *Journal of Heat and mass transfer*, Vol. 20, pp.35-43 (1998).
- Agrawal, A.K., Samria, N.K. and Gupta, S.N. Study of heat and mass transfer past a parabolic started infinite vertical plate, *Journal of Heat and mass transfer*, Vol. 21, pp.67-75 (1999).

- Al-Saffar, H.B., Ozturk, B. and Hughes, R. A Comparison of porous and non-porous gasliquid membrane contactors for gas separation, J. Chemical Engineering Research and Design, Vol. 75, No.7, pp. 685-692 (1997).
- Alam, K. C. A., Hossain, M. A. and Rees, D. A. S. Magnetohydrodynamic Free Convection along a Vertical Wavy Surface, *Int. Journal of Applied Mechanics and Engineering*, Vol. 1, pp. 555-566 (1997).
- Barletta, A., Magyari, E., Pop, I. and Storesletten, L. Mixed convection with viscous dissipation in a vertical channel filled with a porous medium, *Acta Mechanica*, Vol. 194, pp. 123–140 (2007).
- Beg Anwa, O., Bakier, A. Y and Prasad, V. R. Numerical study of free convection magnetohydrodynamic heat and mass transfer from a stretching surface to a saturated porous medium with Soret and Dufour effects, *Computational Material Science*, Vol. 46, pp. 57-65 (2009).
- Bhavana, M., Kesavaiah, D.C. and Sudhakaraiah, A. The Soret effect on free Convective unsteady MHD flow Over a vertical plate with heat Source, *Int. J. Innovative Research in Science, Eng. and Tech.*, Vol. 2, No. 5 (2013).
- B'eg, O., Takhar, H. and Singh, A. Multiparameter perturbation analysis of unsteady oscillatory magnetoconvection in porous media with heat source effects, *Int. Journal of Fluid Mechanics Research*, Vol. 32, No. 6, pp. 635–661 (2005).
- Berezovsky, A.A., Martynenko, O. G. and Sokovishin, Y.A. Free convective heat transfer on a vertical semi infinite plate, *Journal of Engineering Physics*, Vol. 33, No. 1, pp. 32–39 (1977).
- Cess, R.D. and Sparrow, E. M. Hemisphere Publ. Stuart, J. T., Proc. Soc. London A23, pp. 116-121 (1995).
- Cowling, T. G. Magnetohydrodynamics, Inter science Publishers, New York (1957).

- Cess, R. D. The Interaction of Thermal Radiation with Free Convection Heat Transfer, Int. J. Heat Mass Trans., Vol. 9, pp.269-277 (1966).
- Chamkha, A.J., Takhar, H.S. and Soundalgekar, V.M. Radiation effects on a free convection flow past a semi infinite vertical plate with mass transfer, *Chem. Engg. J.*, Vol. 84, pp.335- 342 (2001).
- Chamkha, A. J. and Khaled, A. R. A. Hydromagnetic combined heat and mass transfer by natural convection from a permeable surface embedded in a fluid satural porous medium, *Int. J. Numerical Methods for Heat and Fluid Flow*, Vol. 10, No. 5, pp. 455-476 (2000).
- Chamkha, A.J. and Khaled, A.R.A. Similarity solutions for hydromagnetic simultaneous heat and mass transfer by natural convection from an inclined plate with heat generation or absorption, *Heat Mass Transfer*, Vol. 37, pp.117-123 (2001).
- Chamkha, A.J. Unsteady MHD convective heat and mass transfer past a semi-infinite vertical permeable moving plate with heat absorption, *Int. J. Eng. Sci.*, Vol. 42, pp. 217-230 (2004).
- Chamber, P.L. and Young, J.D. The effects of homogeneous 1st order chemical reactions in the neighbourhood of a plate for destructive and generative reactions, *Physics* of fluids, Vol. 1, pp. 48-54 (1958).
- Choudhury, M. and Hazarika, G.C. The effects of variable viscosity and thermal conductivity on MHD oscillatory free convective flow past a vertical plate in slip flow regime with variable suction and periodic plate temperature, *Journal of Applied Fluid Mechanics*, Vol. 6, No. 2, pp. 277-283 (2013).
- Cheng, P., Hsu, C.T. and Chowdhury, A. Forced Convection in the Entrance Region of a Packed Channel with Asymmetric Heating, J. of Heat Transfer, Vol. 110, pp.946-954 (1988).

- Cheng, P. and Minkowycz, W.J. Free convection about a vertical flat plate embedded in a saturated porous medium with applications to heat transfer from a dike, *J. Geophysics Res.*, Vol. 82, pp.2040–2044 (1977).
- Cheng, P. The influence of lateral mass flux on free convection boundary layers in a saturated porous medium, *Int. J. Heat Mass Transfer*, Vol. 20, pp. 201- 206 (1977).
- Chen, C. H. Combined heat and mass transfer in MHD free convection from a vertical surface with Ohmic heating and viscous dissipation, *Int. J. Eng Sci.*, Vol. 42, pp. 699–713 (2004).
- Chaudhary, R. C., Sharma, B. K. and Jha, A. K. Radiation effect with simultaneous thermal and mass diffusion in MHD mixed convection flow, *Rom J Phys.*, Vol. 51, No. 7–8, pp.715–727 (2006).
- Cogley, A. C., Vincenty, W. G. and Gilles, E. S. Differential approximation for radiation transfer in a non-gray gas near equilibrium, *AIAAJ*, Vol.6, pp. 551–553 (1968).
- Chaudhary, R. C. and Jain, A. MHD heat and mass diffusion flow by natural convection past a surface embedded in a porous medium, *Theoretical Applied Mechanics*, Vol. 36, No.1, pp.1-27 (2009).
- Chaudhary, R. C. and Jain, A. Magnetohydrodynamic transient convection flow past a vertical surface embedded in a porous medium with oscillating temperature, *Turkish Journal of Engineering and Environmental Sciences*, Vol. 32, No. 1, pp. 13–22 (2008).
- Deka, R. K. and Bhattacharya, A. Unsteady free convective Couette flow of heat generating/absorbing fluid in porous medium, *Int. J. Math. Archive*, Vol. 2, pp. 853-863 (2011).

- Dorfman, K. D. and Brenner, H. Generalized Taylor-Aris dispersion in discrete spatially periodic networks: Microfluidic applications, *Phys. Rev. E.*, Vol. 65, pp. 20-37 (2002).
- Delgado, J.M.P.Q. Mass Transfer from a Plane Surface Immersed in a Porous Medium with a Moving Fluid, J. Chemical Engineering Research and Design, Vol. 85, pp. 386-394 (2007).
- Eckert, E. R. G. Heat and Mass Transfer, McGraw Hill, New-York (1958).
- Eckert, E.R. and Drake, R.M. Analysis of Heat and Mass Transfer, McGraw-Hill, pp. 171 (1972).
- El-Arabawy, H.A.M. Effect of suction/injection on the flow of a micropolar fluid past a continuously moving plate in the presence of radiation, *Int. J. Heat Mass Transfer*, Vol. 46, No. 8, pp. 1471-1477 (2003).
- Elbashbeshy, E.M.A. Heat and mass transfer along a vertical plate with variable surface temperature and concentration in the pressure of the magnetic field, *Int. J. Eng Sc.*, Vol. 34, pp. 515-522 (1997).
- England, W.G. and Emery, A.F. Thermal radiation effects on the laminar free convection boundary layer of an absorbing gas, *Journal of Heat Transfer*, Vol.91, pp.37-44 (1969).
- Ferdows, M., Sattar, M. A. and Siddiki, M. N. A. Numerical approach on parameters of the thermal radiation interaction with convection in boundary layer flow at a vertical plate with variable suction, *Thammasat International Journal of Science* and Technology, Vol. 9, No. 3, pp. 19–28 (2004).
- Ganapathy, R. A note on oscillatory Couette flow in a rotating system, ASME J. Appl. Mech., Vol. 61, pp. 208-209 (1994).

- Ghaly, A.Y. Radiation effect on a certain MHD free convection flow, *Chaos, Solitons & Fractals*, Vol.13, No. 9, pp.1843–1850 (2002).
- Ghosh, S. K. and Be'g, O. A. Theoretical analysis of radiative effects on transient free convection heat transfer past a hot vertical surface in porous media, *Nonlinear Anal.: Model. Control*, Vol. 13, No. 4, pp. 419–432 (2008).
- Ghosh, S. K. and Pop, I. Thermal radiation of an optically thin gray gas in the presence of indirect natural convection, *Int. J. Fluid Mechanics Research*, Vol. 34, No. 6, pp.515–520 (2007).
- Gorla, R.S.R. and Zinolabedini, A. Free convection from a vertical plate with nonuniform surface temperature and embedded in a porous medium, *Trans. ASME, J. Energy Resources Technology*, Vol.109, pp.26–30 (1987).
- Gorla, R.S.R. and Tornabene, R. Free convection from a vertical plate with non-uniform surface heat flux and embedded in a porous medium, *Transp. Porous Media J.*, Vol.3, pp.95–106 (1988).
- Greenspan, H. P. and Carrier, G. F. The MHD flow past a flat plate, *J. Fluid Mech.*, Vol. 6, pp. 77-96 (1959).
- Gulab, R. and Mishra, R. Unsteady flow through magnetohydrodynamic porous media, *Indian Journal of Pure and Applied Mathematics*, Vol. 8, pp. 637–642 (1977).
- Gupta, A. S. Combined Free and Forced Convection Effects on the Magnetohydrodynamic Flow through a Channel, *ZAMP*, Vol. 20, pp. 506-513 (1969).
- Hady, F. M, Mohamed, R. A and Mahdy, A. MHD Free convection flow along a vertical wavy surface with heat generation or absorption effect, *Int. Comm. Heat Mass Transfer*, Vol. 33, pp. 1253 – 1263 (2006).

- Hayat, T., Abbas, Z., Sajid, M. and Asghar, S. The influence of thermal radiation on MHD flow of a second grade fluid, *Int. J. Heat Mass Transfer*, Vol. 50, pp. 931-941 (2007).
- Hassanien, I. A. and Mansour, M. A. Unsteady magnetohydrodynamic flow through a porous medium between two infinite parallel plates, *Astrophysics and Space Science*, Vol. 163, pp. 241-246 (1990).
- Hassanien, I. A. and Obied Allah, M. H. Oscillatory hydromagnetic flow through a porous medium with variable permeability in the presence of free convection and mass transfer flow, *Int. Comm. Heat mass transfer*, 29 (4), pp. 567–575 (2002).
- Helmy, K. A. MHD Unsteady free convection flow past a vertical porous plate, ZAMM, Vol.78, pp. 255-270 (1998).
- Hooman, K. and Gurgenci, H. Effects of viscous dissipation and boundary conditions on forced convection in a channel occupied by a saturated porous medium, *Transp Porous Med*, Vol. 68, pp. 301–319 (2007).
- Hossain, M. A., Das, S. K. and Pop, I. Heat transfer response of MHD free convection flow along a vertical plate to surface temperature oscillation, *Int. J. Non-linear Mech.*, Vol. 33, pp.541-553 (1998).
- Hossain, M. A., Alim, M. A., and Rees, D. A. S. The effects of radiation on free convection from a porous vertical plate, *Int. J. Heat and Mass transfer*, Vol. 42, No. 1, pp. 181-191 (1999).
- Hossain, M. A. and Takhar, H. S. Radiation effects on mixed convection along a vertical plate with uniform surface temperature, *Heat Mass Transfer*, Vol. 31, pp. 243–248 (1996).
- Hossain, M.A. and Rees, D.A.S. Combined heat and mass transfer in natural convection flow from a vertical wavy surface, *Acta Mechanica*, Vol. 136, pp. 133-141 (1999).

- Ibrahim, F. S., Elaiw, A. M. and Bakr, A. A. Effect of the chemical reaction and radiation absorption on the unsteady MHD free convection flow past a semi – infinite vertical permeable moving plate with heat source and suction, *Comm. Nonlinear Science Numerical Simulation*, Vol. 13, No. 6, pp. 1056 – 1066 (2008).
- Ingham, D.B. and Pop, I. Transport Phenomena in Porous Media, Pergamon, Oxford (1998).
- Israel-cookey, C., Ogulu, A. and Omubo-Pepple, V.B. Influence of viscous dissipation and radiation on unsteady MHD free-convection flow past an Infinite heated vertical plate in a porous medium with time-dependent suction, *Int. J. Heat Mass Transfer*, Vol. 642, pp. 305-315 (2003).
- Jang, J. H. and Yan, W. M. Mixed Convection Heat and Mass Transfer along a Vertical Wavy Surface, *Int. Journal of Heat and Mass Transfer*, Vol. 47, No. 3, pp. 419-428 (2004).
- Jha, B. K. and Musa, M. K. Unsteady natural convection Couette flow of heat generating/absorbing fluid between vertical parallel plates filled with porous material, *Appl. Math. and Mech.*, Vol. 33, pp. 303-314 (2012).
- Kamel, M. H. Unsteady MHD convection through porous medium with combined heat and mass transfer with heat source/sink, *Energy Convers. Manag.*, Vol. 42, pp.393-405 (2001).
- Kartikeyan, S., Bhubaneswari, M., Rajan, S. and Sivasankaran, S. Thermal radiation effects on MHD convective flow over a plate in a porous medium by perturbation technique, *App. Math and Comp. Intel.*, Vol. 2, No. 1, pp. 75-83 (2013).
- Kaviany, M. Laminar Flow Through Porous Channel Bounded by Isothermal Parallel Plates, *Int. J. Heat Mass Transfer*, Vol. 28, pp. 851-858 (1985).

- Kesavaiah, D., Satyanarayana, Ch. P. V. and Venkataramana, S. Effects of the chemical reaction and radiation absorption on an unsteady MHD convective heat and mass transfer flow past a semi – infinite vertical permeable moving plate embedded in a porous medium with heat source and suction, *Int. J. of Appl. Math. and Mech.*, Vol. 7, No. 1, pp. 52 – 69 (2011).
- Khatun, H. and Ahmed, S. Free Convective Heat Transport in a Porous Media bounded by an isothermal vertical plate with thermal Radiation and Magnetohydrodynamic effects: an Exact Solution, *IOSR Journal of Applied Physics (IOSR-JAP)*, Vol. 7, No. 3, pp. 09-17 (2015).
- Khatun, H. and Ahmed, S. Analytical solution for Transient MHD flow through a Darcian porous regime in a Rotating System, *International Journal of Engineering Science Invention*, Volume 4, Issue 10, pp. 33-42 (2015).
- Khatun, H. and Ahmed, S. Analytical Solution for Steady Magnetohydrodynamic mixed Convection Transport in a Porous Media with Thermal Radiation and Ohmic Heating, ISBN proceeding of RTMA-2014, ISBN :978 93 83252 404, pp. 44-58, Rajiv Gandhi Central University, Rono Hills, Itanagar, Arunachal Pradesh, India (2014).
- Khair, K. R. and Bejan, A. Mass transfer to natural convection boundary layer flow driven by heat transfer, *Int. J. Heat Mass Transfer*, Vol. 107, pp. 369–376 (1985).
- Kim, S. Y., Kang, B. H. and Hyun, J. M. Heat transfer from pulsating flow in a channel filled with porous media, *Int. J. Heat and Mass Transfer*, Vol. 37, No. 4, pp. 2025-2033 (1994).
- Kim, S. and Vafai, K. Analysis of natural convection about a vertical plate embedded in a porous medium, *Int. J. Heat Mass Transfer*, Vol. 32, pp. 665-677 (1989).
- Kim, Y. J. Unsteady MHD convective heat transfer past a semi-infinite vertical porous moving plate with variable suction, *Int. J. Eng. Sci.*, Vol. 38, pp. 833-845 (2000).

- Kinyanjui, M., Kwanza, J.K. and Uppal, S.M. Magnetohydrodynamic free convection heat and mass transfer of a heat generating fluid past an impulsively started infinite vertical porous plate with Hall current and radiation absorption, *Energy Conversion and Management*, Vol. 42, No. 8, pp. 917–931 (2001).
- Korycki, R. Sensitivity analysis and shape optimization for transient heat conduction with radiation, *Int. J. Heat Mass Transfer*, Vol.49, pp.2033-2043 (2006).
- Kumar, J.G. and Ramana, R.M. Viscous dissipation effects on mhd flow past a parabolic started vertical plate with variable temperature and mass diffusion, *Int. J. Scientific & Engineering Research*, Vol. 6, No. 9, pp. 57 (2015).
- Kuznetsov, A. V. Analytical investigation of heat transfer in Couette flow through a porous medium utilizing the Brinkman-Forchheimer-extended Darcy model, *Acta Mechanica*, Vol. 129, pp. 13-24 (1998).
- Lai, F.C. and Kulachi, F.A. The effects of variable viscosity on convective heat transfer along a vertical surface in a saturated porous medium, *Int. J. Heat and mass transfer*, Vol.33, pp.1028-1031 (1990).
- Leong, K.C. and Jin, L.W. An experimental study of heat transfer in oscillating flow through a channel filled with an aluminum foam, *Int. J. Heat and Mass Transfer*, Vol. 48, No. 2, pp. 243-253 (2005).
- Lin, H. T. and Wu, C. M. Combined heat and mass transfer by laminar natural convection from a vertical plate, *Heat Mass Transfer*, Vol. 30, pp. 369–376 (1995).
- Magyari, E., Pop, I. and Keller, B. Analytical solutions for unsteady free convection flow through a porous media, *J. Eng. Math.*, Vol. 48, pp. 93-104 (2004).
- Mahendra, M. Combined Effects of Free and Forced Convection on Magnetohydrodynamic Flow in a Rotating Channel, *Proc. Indian Acad. Sci.*, Vol. 84, pp. 383-401 (1977).

- Mahmoud, M.A.A. Thermal radiation effects on MHD flow of a micropolar fluid over a stretching surface with variable thermal conductivity, *Physica A*, Vol. 375, pp. 401-410 (2007).
- Makinde, O.D. and Chinyoka, T. MHD transient flows and heat transfer of dusty fluid in a channel with variable physical properties and Navier slip condition, *Computers & Mathematics with Applications*, Vol. 60, No. 3, pp. 660-669 (2010).
- Makinde, O. D. and Mhone, P. Y. Heat Transfer to MHD Oscillatory Flow in a Channel Filled with Porous Medium, *Romanian Journal of Physics*, Vol. 50, pp. 931-938 (2005).
- Makinde, O.D. On MHD boundary-layer flow and mass transfer past a vertical plate in a porous medium with constant heat flux, *Int. J. Numer. Methods Heat Fluid Flow*, Vol. 19, No. 3/4, pp.546-554 (2009).
- Mansour, M. A., El-Anssary, N.F. and Aly, A. M. Effects of chemical reaction and thermal stratification on MHD free convective heat and mass transfer over a vertical stretching surface embedded in a porous media considering Soret and Dufour numbers, *Chem. Eng. J.*, Vol. 145, No.2, pp. 340-345 (2008).
- Martynenko, O. G., Berezovsky, A. A. and Sokovishin, Y. A. Laminar free convection from a vertical plate, *Int. J. Heat and Mass Transfer*, Vol. 27, No. 6, pp. 869–881 (1984).
- Mazumder, B. S. An exact solution of oscillatory Couette flow in a rotating system, ASME J. Appl. Mech., Vol. 58, pp. 1104-1107 (1991).
- Mazumder, B.S., Gupta, A.S. and Dutta, N. Flow and heat transfer in the hydromagnetic Ekman layer on a porous plate with Hall effects, *Int. J. Heat Mass Transfer*, Vol. 19, pp. 523-527 (1976).

- Mebine, P. Effects of Thermal Radiation on Transient MHD Free Convection Flow over a vertical Surface embedded in a Porous Medium with Periodic Boundary Temperature, *Mathematica Aeterna*, Vol.1, No. 04, pp.245 – 261 (2011).
- Mehmood, A. and Ali, A. The Effect of Slip Condition on Unsteady MHD Oscillatory Flow of a Viscous Fluid in a Planer Channel, *Romanian Journal of Physics*, Vol. 52, No. 1-2, pp. 85-91 (2007).
- Mishra, S. R., Dash, G. C. and Acharya, M. Free convective fluctuating MHD flow through Porous media past a vertical porous plate with variable temperature, *Int. J. Heat and Mass Transfer*, Vol. 57, No. 2, pp. 433–438 (2013).
- Mishra, S. P. and Mudili, J. C. Combined Free and Forced Convection Effects on the Magnetohydrodynamic Flow through a Porous Channel, *Proc. Ind. Acad. Sci.*, Vol. 84A, pp. 257-272 (1976).
- Mishra, A.K., Menon, K. R. and Al- Shanfari, S.A.A. Effect of Radiation on Free Convection Heat and Mass Transfer Flow through Porous Medium in a Vertical Channel with Heat Absorption/ Generation, *Int. J. Advanced Research in Computer Engineering & Technology (IJARCET)*, Vol. 4, No. 7 (2015).
- Mohammed Ibrahim, S., Reddy, T.S. and Reddy, N.B. Radiation and chemical reaction effects on MHD convective flow past a moving vertical porous plate, *Int. J. Applied Mathematical Analysis and Applications,* Vol. 7, No. 1, pp. 1-16 (2012).
- Mohammadein, A. A., Mansour, M. A., El-Gaied, S.M. and Gorla, R.S.R. Radiative effect on natural convection flows in porous media, *Transport in Porous Media*, Vol. 32, No. 3, pp. 263–283 (1998).
- Moreau, R. Magnetohydrodynamics, Kluwer Academic Publishers, Dordrecht (1990).
- Moulic, S. G. and Yao, L. S. Mixed Convection along Wavy Surface, ASME Journal of Heat Transfer, Vol. 111, No. 4, pp. 974-979 (1989).

- Muthucumaraswamy, R. and Meenakshisundaram, S. Theoretical study of chemical reaction effects on vertical oscillating plate with variable temperature, *Theoret. Appl. Mech.*, Vol. 33, No. 3, pp. 245 – 257 (2006).
- Muthucumaraswamy, R. and Janakiraman, B. MHD and Radiation effects on moving isothermal vertical plate with variable mass diffusion, *Theoret. Appl. Mech.*, Vol. 33, No. 1, pp. 17-29 (2006).
- Muthucumaraswamy, R. and Janakiramana, B. Mass transfer effect on isothermal vertical oscillating plate in presence of chemical reaction, *Int. J. of Appl. Math & Mech.*, Vol. 4, No. 1, pp.59-65 (2008).
- Minkin, L. Thermal diffusion of radon in porous media, *Radiation Protection Dosimetry*, Vol. 106, pp. 267-272 (2003).
- Muthucumaraswamy, R. and Velmurugan, S. Theoretical study of heat transfer effects on flow past a parabolic started vertical plate in the presence of chemical reaction of first order, *Int. J. Applied Mechanics and Engineering*, Vol. 19, No. 2 (2014).
- Muralidharan, M. and Muthucumaraswamy, R. Parabolic started flow past an infinite vertical plate with uniform heat flux and variable mass diffusion, *Int. Journal of Math. Analysis*, Vol. 8, No. 26, pp. 1265 -1274 (2014).
- Muthucumaraswamy, R. and Armstrong, A.N. Mass transfer effects on flow past a parabolic started vertical plate with variable temperature and mass diffusion, *Int. J. Mathematical Archive*, Vol. 5, No. 2, pp. 53-58 (2014).
- Muthucumaraswamy, R. and Venkatesan, J. Radiative flow past a parabolic started isothermal vertical plate with uniform mass flux, *Int. Journal of Math. Analysis*, Vol. 7, No. 59, pp. 2907-2921 (2013).
- Murthy, N. and Feyen, J. Influence of variable permeability on the dispersion of a chemically reacting solute in porous media, *Int. J. Engineering Science*, Vol. 27, No. 12, pp. 1661–1671 (1989).

- Muthucumaraswamy, R. and Velmurugan, S. Chemical reaction effects on flow past a parabolic started Vertical plate with variable temperature and mass diffusion in the presence of magnetic field, *International Journal of Engineering*, Vol. 13, No.2, pp.175-179 (2015).
- Mukherjee, B. and Prasad, N. Effect of radiation and porosity parameter on hydromagnetic flow due to exponentially stretching sheet in a porous media, *Int. J. Engineering Science and Technology*, Vol. 6, No. 1, pp. 58-70 (2014).
- Nanda, R.S. and Sharma, V. P. Possibility similarity solutions of unsteady free convection flow past a vertical plate with suction, *Journal of the Physical Society of Japan*, Vol. 17, No. 10, pp. 1651–1656 (1962).
- Nield, D. A. and Bejan, A. Convection in Porous Media, 2nd Edition, Springer-Verlag, Berlin (1998).
- Nield, D. A. Convection in a porous medium with inclined temperature gradient: An additional results, *Int. J. Heat Mass Transfer*, Vol. 37, pp. 3021-3025 (1994).
- Nigam, S.D. and Singh, S.N. Heat transfer by laminar flow between parallel plates under the action of transverse magnetic field, *Quarterly J mechanics and Applied mathematics*, Vol. 13, pp.85-97 (1960).
- Ogulu, A. and Prakash, J. Heat transfer to unsteady magneto-hydrodynamic flow past an infinite moving vertical plate with variable suction, *Physica Scripta*, Vol. 74, No. 2, pp. 232–239 (2006).
- Orhan, A. and Ahmet, K. Radiation effect on MHD mixed convection flow about a permeable vertical plate, *Heat and Mass Transfer*, Vol. 45, pp. 239-246 (2008).
- Osalusi, E., Side, J. and Harris, R. Thermal-diffusion and diffusion-thermo effects on combined heat and mass transfer of a steady MHD convective and slip flow due to a rotating disk with viscous dissipation and Ohmic heating, *Int. Communications in Heat and Mass Transfer*, Vol. 35, pp. 908-915 (2008).

- Ostrach, S. New aspects of natural convection heat transfer, *Transactions of the American* Society of Mechanical Engineers, Vol. 75, pp. 1287–1290 (1953).
- Patil, P. M. and Kulkarni, P. S. Effects of chemical reaction on free convective flow of a polar fluid through a porous medium in the presence of internal heat generation, *Int. J. Thermal Science*, Vol. 4, pp. 1043 – 1054 (2008).
- Perry, E. D. Chemical Engineers Handbook, 4th Edn., McGraw-Hill Book Company, New York(1963).
- Poulikakos, D. and Renekn, K. Forced Convection in a Channel Filled with a Porous Medium Including the Effects of Flow Inertia Variable Porosity and Brinkman Friction, ASME J. Heat Transfer, Vol. 109, pp. 880-888 (1987).
- Prasad, V. R., Muthucumaraswamy, R. and Vasu, B. Radiation and Mass transfer effects on unsteady MHD free convection flow past a vertical porous plate embedded in porous medium: a numerical study, *Int. J. of Appl. Math and Mech.*, Vol. 6, No. 19, pp. 1 – 21 (2010).
- Prasad, V. R., Reddy, N.B. and Muthucumaraswamy, R. Transient radiative hydromagnetic free convection flow past an impulsively started vertical plate with uniform heat and mass flux, *Theoretical Applied Mechanics*, Vol. 33, No. 1, pp. 31–63 (2006).
- Prasad, V. R. and Reddy, N. B. Radiation effects on an unsteady MHD convective heat and mass transfer flow past a semi – infinite vertical permeable moving plate embedded in a porous medium, *Journals of Energy Heat and mass transfer*, Vol. 30, pp.57 – 68 (2008).
 - Raju, M.C., Reddy, N.A. and Varma, S.V.K. Analytical study of MHD free convective, dissipative boundary layer flow past a porous vertical surface in the presence of thermal radiation, chemical reaction and constant suction, *Ain Shams Engineering Journal*, Vol.5, No. 4, pp. 1361-1369 (2014).

- Reddy, T.S., Reddy, O.S.P., Raju, M.C. and Varma, S. V. K. MHD free convection heat and mass transfer flow through a porous medium bounded by a vertical surface in presence of hall current, *Advances in Applied Science Research*, Vol. 3, No 6, pp. 3482-3490 (2012).
- Rajput, U. S. and Sahu, P. K. Radiation effects on steady hydromagnetic flow of a viscous fluid through a vertical channel in a porous medium with heat generation or absorption^{II}, *Int. J. Mathematical Archive*, Vol. 2, pp. 1898-1904 (2011).
- Ram, P.C. MHD convective flow in a rotating fluid with Hall and ion-slip currents, Wärme – und Stoffübertragung_, Vol. 26, No, 4, pp. 203-205 (1991).
- Reddy, G. V. R., Murthy, Ch. V. R. and Reddy, N. B. Mass transfer and radiation effects of unsteady MHD free convective fluid flow embedded in porous medium with heat generation/absorption, *Journal of Applied Mathematics and Fluid Mechanics*, Vol. 2, No. 1, pp. 85 – 98 (2010).
- Rao, V. V. R. Transient hydromagnetic free-convection flow, *Indian Journal of Physics*, Vol. 45, No. 5, pp. 233–235 (1971).
- Raju, M.C., Varma, S.V.K. and Reddy, N.A. Radiation and mass transfer effects on a free convection flow through porous medium bounded by a vertical surface, *I-manager J. Future Engineering and Technology*, Vol.7, No.2, pp. 7-12 (2011).
- Rapits, A. and Massalas, C. V. Magnetohydrodynamic flow past a plate by the presence of radiation, *Heat and Mass Transf.*, Vol. 34, pp. 107–109 (1998).
- Raptis, A. Unsteady Free Convection Flow through Porous Medium, Int. J. Enging. Sci., Vol. 21, pp. 345-348 (1983).
- Raptis, A. and Perdikis, C. P. Oscillatory Flow through a Porous Medium by the Presence of Free Convective Flow, *Int. J. Enging. Sci.*, Vol. 23, pp. 51-55 (1985).

- Raptis, A. and Peridikis, C. Radiation and free convection flow past a moving plate, *Int J. of Applied Mechanics & Engineering*, Vol. 4, No. 4, pp.817-821 (1999).
- Raptis, A. and Singh, A. K. Free convection flow past an impulsively started vertical plate in a porous medium by finite difference method, *Astrophys. Space Sci.*, Vol. 112, pp. 259-265 (1985).
- Raptis, A., Tzivanidis, G. and Kafousias, N. Free convection and mass transfer flow through a porous medium bounded by an infinite vertical limiting surface with constant suction, *Letters Heat Mass Transfer*, Vol. 8, pp. 417-424 (1981).
- Raptis, A., Kafousias, N. and Massalas, C. Free convection and mass transfer flow through a porous medium bounded by an infinite vertical porous plate with constant heat flux, *ZAMM*, Vol. 62, pp. 489-491 (1982).
- Raptis, A. and Perdikis, C. Unsteady flow through a highly porous medium in the presence of radiation, *Transport Porous Media J.*, Vol. 57, No. 2, pp. 171–179 (2004).
- Rashidi, M.M., Rostami, B., Freidoonimehr, N. and Abbasbandy, S. Free convective heat and mass transfer for MHD fluid flow over a permeable vertical stretching sheet in the presence of the radiation and buoyancy effects, *Ain Shams Engineering Journal*, Vol. 5, pp.901–912 (2014).
- Rossow, V. J. On flow of electrically conducting fluids over a flat plate in the presence of a transverse magnetic field, *N. A. C. A., Rept.*, 1358 (1958).
- Sakiadis, B.C. Boundary-layer behavior on a continuous solid surface: II. The boundary layer on a continuous flat surface, *AIChE J.*, Vol. 7, pp.221–225 (1961).
- Samad, M. A. and Hossain, M. R. Effects of Radiation and Heat Generation/Absorption on MHD Free Convective Heat Transfer of Power-Law Non-Newtonian Fluids Along a Power-Law Stretching Sheet with Uniform Surface Heat Flux, *Research*

J. Applies Sciences, Engineering and Technology, Vol. 5, No. 2, pp.519-530 (2013).

- Sarada, K. and Shanker, B. The effect of chemical reaction on an unsteady MHD free convection flow past an infinite vertical porous plate with variable suction, *Int. J. Engineering Modern Research (IJMER)*, Vol. 3, No. 2, pp. 725 – 735 (2013).
- Sarada, K. and Shankar, B. Chemical reaction effect on an unsteady MHD convective flow past an infinite vertical moving plate embedded in a porous medium with heat source, *J. Global Research in Mathematical Archives*, Vol.1, No.5 (2013).
- Sarma, D., Ahmed, N. and Deka, H. MHD free convection and mass transfer flow past an accelerated vertical plate with chemical reaction in presence of radiation, *Latin American Applied Research*, Vol. 44, pp.1-8 (2014).
- Sarojamma, G. and Krishna, D. V. Transient Hydromagnetic Convective Flow in a Rotating Channel with Porous Boundaries, *Acta Mech.*, Vol. 40, pp. 277-288 (1981).
- Sattar, M. A. Free and Forced Convection Flow Through a Porous Medium, Near the Leading Edge, *Astrophys. Space Sci.*, Vol. 191, pp.323-328 (1992).
- Sattar, M. A., Rahman, M. M. and Alam, M. M. Free convection flow and heat transfer through a porous vertical flat plate immersed in a porous medium, *J. Energy Res.*, Vol. 22, No.1, pp.17-21 (2000).
- Seddeek, M. A. The effect of variable viscosity on hydromagnetic flow and heat transfer past a continuously moving porous boundary with radiation, *Int. Comm., Heat Mass Transfer*, Vol. 27, No. 7, pp. 1037-1046 (2000).

Schllicting, H. Boundary Layer Theory, McGraw-Hill, New York (1979).

- Sengupta, S. and Sen, M. Free convective heat and mass transfer flow past an oscillating plate with heat generation, thermal radiation and thermo-diffusion effects, J. P. J. heat and mass transfer, vol. 8, No. 2, pp.187-210 (2013).
- Sengupta, S. An Analysis on Unsteady Heat and Mass Transfer Flow of Radiative Chemically Reactive Fluid past an Oscillating Plate Embedded In Porous Media in Presence of Soret Effect, *Int. J. Recent Technology and Engineering*, Vol. 3, No. 6 (2015).
- Seo, T., Kim, H. D., Choi, J. H. and Chung, J. H. Mathematical modeling of flow field in ceramic candle filter, J. Thermal Science, Vol. 7, pp. 85-88 (1998).
- Sharma, B. K., Sharma, P. K. and Tara Chand. Effect of radiation on temperature distribution in three-dimensional Couette flow with heat source/sink, *Int. J. of Applied Mechanics and Engineering*, Vol.16, No.2, pp. 531-542 (2011).
- Shrama, P. R. and Singh, G. Steady MHD natural convection flow with variable electrical conductivity and heat generation along an isothermal vertical plate, *Tamkang J. Science and Engineering*, Vol. 13, No. 3, pp. 235-242 (2010).
- Sharma, P. R., Sharma, K. and Trpathi, M. Radiative and free convective effects on MHD flow through a porous medium with periodic wall temperature and heat generation and absorption investigated, *IJMA*, Vol. 5, No. 9, pp.119-128 (2014).
- Sharma, P. K. and Saini, S. K. MHD Flow though Rotating Porous Medium with Radiating Heat Transfer in the Presence of Fluctuating Thermal Diffusion, Universal Journal of Applied Mathematics, Vol. 2, No. 2, pp. 92-98 (2014).
- Shanker, B., Reddy, B. P. and Rao, J. A. Radiation and mass transfer effects on unsteady MHD free convective fluid flow embedded in a porous medium with heat generation/absorption, *Indian Journal of Pure and Applied Physics*, Vol. 48, pp. 157-165 (2010).

- Singer, R. M. Transient magnetohydrodynamic flow and heat transfer, Zeitschrift für, Angewandte Mathematik und Mechanik, Vol. 16, No. 4, pp. 483–494 (1965).
- Singh, A. K. and Dikshit, C. K. Hydromagnetic flow past a continuously moving semiinfinite plate for large suction, *Astrophys. Space Sci.*, Vol. 148, pp.249-256 (1988).
- Singh, K. D. and Garg, B. P. Exact solution of an oscillatory free convective MHD flow in a rotating porous channel with radiative heat, *Proc. Nat. Acad. Sci.*, Vol. 80 (A), pp. 81-89 (2010).
- Singh, K. D. and Sharma, R. Three Dimensional Couette Flow through a Porous Medium with Heat Transfer, *Indian J. Pure and Appl. Math.*, Vol. 32 No. 12, pp. 1819-1829 (2001).
- Singh, K. D. and Garg, B. P. Radiation effects on unsteady MHD free convective flow through porous medium past a vertical porous plate, *Proc. Indian Natn. Sci. Acad.*, Vol. 75, No. 1, pp. 41-48 (2009).
- Singh, K. D. and Garg, B. P. Radiative Heat Transfer in MHD Oscillatory Flow through Porous Medium Bounded by Two Vertical Porous Plates, *Bull. Cal. Math. Soc.*, Vol. 102, No. 2, pp. 129-138 (2010).
- Singh, K.D. An oscillatory hydromagnetic Couette flow in a rotating system, J. Appl. Math. and Mech., Vol. 80, pp. 429-432 (2000).
- Singh, K.D. Three dimensional Coutte flow with transpiration cooling, Z. Angew. Math. Phys., Vol. 50, pp. 661-668 (1999).
- Singh, K.D. and Sharma, R. Three dimensional Couette flow through a porous medium with heat transfer, *Indian J. pure appl. Math.*, Vol. 32, No. 12, pp. 1819-1829 (2001).

- Singh, P., Misra, J. K. and Narayan, K. A. Free convection along a vertical wall in a porous medium with periodic permeability variation, *Int. J. Numer. Anal. Methods Geometh*, Vol.13, pp. 443-450 (1989).
- Singh, K. D., Gorla, M. G. and Hans, R. A periodic solution of oscillatory Couette flow through porous medium in rotating system, *Indian J. Pure Appl. Math.*, Vol.36, No. 3, pp. 151-159 (2005).
- Soundalgekar, V. M. Free convection effects on the oscillatory flow past an infinite vertical porous plate with constant suction, *Proceedings of the Royal Society A*, Vol. 333, pp. 25–36 (1973).
- Soundalgekar, V. M. and Haldavnekar, D.D. MHD free convective flow in a vertical channel, *Acta Mechanica*, Vol. 16, No. 1-2, pp. 77-91 (1973).
- Soundalgekar, V. M. Free Convection Effects on Steady MHD Flow Past a Vertical Porous Plate, *J. Fluid Mechanics*, Vol. 66, pp. 541-551 (1974).
- Soundalgekar, V. M., Gupta, S. K. and Birajdar, N. S. Effects of mass transfer and free convection currents on MHD Stokes problem for a vertical plate, *Nuclear Eng. Des.*, Vol.53, pp. 339-346 (1979).
- Soundalgekar, V.M. and Takhar, H.S. Radiation effects on free convection flow past a semi-infinite vertical plate, *Modeling, measurement and control*, vol. B51, pp.31-40 (1993).
- Soundalgekar, V.M. and Bhat, J. P. Oscillating channel flow and heat transfer, *Int. J. Pure and App Math.*, Vol. 15, pp. 819-828 (1971).
- Soundalgekar, V. M., Patil, M. R. and Jahagirdar, M. D. MHD Stokes problem for a vertical plate with variable temperature, *Nuclear Engg. Des.*, Vol. 64, pp. 39-42 (1981).

- Soundalgekar, V. M. Effects of mass transfer on flow past a uniformly accelerated vertical plate, *Letters in heat and mass transfer*, Vol. 9, pp.65-72 (1982).
- Steven, N., Francis, G. K. and Johana, S. K. Magnetic hydrodynamic free convective flow past an infinite vertical porous plate, *Applied Mathematics*, Vol.3, pp. 1-6 (2012).
- Takhar, H. S., Roy, S. and Nath, G. Unsteady free convection flow of an infinite vertical porous plate due to the combined effects of thermal and mass diffusion, magnetic field and Hall currents, *Heat Mass Transf.*, Vol. 39, pp. 825-834 (2003).
- Tawil, M. and Kamel, M. MHD flow under stochastic porous media, *Energy Conversion Management*, Vol. 35, No. 11, pp.991–997 (1994).
- Turkyilmazoglu, M. Multiple solutions of hydromagnetic permeable flow and heat for viscoelastic fluid, *J Thermophys Heat Transfer*, Vol. 25, pp.595–605 (2011).
- Vafai, K. and Kim, S. J. Forced Convection in a Channel Filled with Porous Medium; an Exact Solution, *ASME J. Heat Transfer*, Vol. 111, pp. 1103-1106 (1989).
- Vajravelu, K. and Hadjinicolaou, A. Convective heat transfer in an electrically conducting fluid at a stretching surface with uniform free stream, *Int. J. Engrg. Sci.*, Vol. 35, No. 12-13, pp.1237-1244 (1997).
- Vajravelu, K. Exact periodic solution of hydromagnetic flow in a horizontal channel, J. Appl. Mech., Vol. 55, pp. 981-983 (1988).
- Vasu, B., Prasad, V. R. and Bhaskarreddy, N. Radiation and mass transfer effects on transient free convection flow of a dissipative fluid past semi-infinite vertical plate with uniform heat and mass constant flux, *J. Appl. Fluid Mechanics*, Vol. 4, No.1, pp.15-26 (2011).
- Yamamoto, K. and Iwamura, N. Flow with convective acceleration through a porous medium, *J. Eng. Math.*, Vol. 10, pp. 41 54 (1976).

- Yao, L. S. Natural Convection along a Vertical Wavy Surface, ASME Journal of Heat Transfer, Vol. 105, No. 3, pp. 465-468 (1983).
- Yin, K. A. Free convection effect on MHD coupled heat and mass transfer of a moving permeable vertical surface, *Int. Commun. Heat Mass Transfer*, Vol. 26, pp. 95– 104 (1999).
- Zueco, J. Net work simulation method applied to radiation and viscous dissipation effects on MHD unsteady free convection over vertical porous plate, *Applied Mathematical Modelling*, Vol. 31, No. 9, pp. 2019–2033 (2007).

Books

- Adrian Bejan. Convection Heat Mass Transfer. New York. A Wiley Inter Sci.Publication., (1948).
- Bansal, J. L. Viscous Fluid Dynamics. New York. Oxford and IBH Publishing Co., (1977).
- Batchelor, G. K. An Introduction to Fluid Dynamics. Cambridge England. Camb.University Press., (1967).
- Brenkert, K. Jr. Elementary Theoretical Fluid Mechanics. New York. John Wiley., (1960).
- Collins, R. E. Flow of Fluids Through Porous Materials. New York. Reinhold., (1961).
- Crammer, K. P. and S. L. Pai. Magneto Fluid Dynamic for Engineers and Applied

Physicist. New York.. Mc.Graw Hill Book Co., (1973).

- Dewiest, R. J. M. Flow Through Porous Media. New York. Academic Press., (1969).
- Donald A. Nield and Adrian Bejan. Convection in Porous Media New York. Springer Science+ Business Media. Inc. (2006).
- Eckert, E. R. G. and R. M. Dreake. *Heat and Mass Transfer*. New York. McGraw Hill Book Co., (1958).
- Ferraro, A. and V. C. Plumpton. An Introduction to Magneto Fluid Mechanics. Oxford Clarandon Press,. (1966).
- Harris, L. P. *Hydromagnetic Channel Flows*. New York. John Wiley and Co., (1960).
- ▶ Jeffrey, A. Magnetohydrodynamics. New York. Inter Science Publisher Inc., (1966).
- Kundu, Pijush K. Fluid Mechanics. California. Academic Press Inc. San Diego., (1990).
- Pai, S.I. Magnetogasdynamics and Plasma Dynamics. New Jersey. Springer., (1962).
- Prandtl, L. and O.G. Tietjens. Applied Hydro and Aero Mechanics. New York. Dover Publication., (1957).
- Schlichting, H. Boundary- Layer Theory. New York. Mc-Graw Hill Book Co., (1968).
- Shercliff, J.A. A text Book of Magneto Hydrodynamics. London. Pergamon Press, (1965).
- Scheidegger, A. E. The Physics of Flow through Porous Media. Toronto. University of Toronto Press, (1974).