Name:- Dr. M.P.Singh
Designation:- Associate Professor & Head Department of Mathematics
Name of Department:- Mathematics
Address:- KL DAV PG College, Roorkee, Distt- Haridwar-247 667 UK
Ph. No: +91 9897810304 (M)
Email: mpsingh2357@gmail.com,

Areas of Interest/ Specialization:

- Applied Mathematics (Fluid Dynamics)

Teaching Experience:

- From 4-11-1995 to till now in continuation at K.L.D.AV.PG.College,Roorkee

Research Experience:

- Twenty seven years.

Educational Details:

Degree	Subject	University	Year
Doctor of Philosophy (Ph.D.)	Applied Mathematics (Fluid Dynamics)	Dr. B.R. Ambedkar University, Agra (Formerly Agra University Agra)	1997
Master of Philosophy (M.Phil.)	Mathematics	Agra University Agra	1989
Master of Science (M.Sc.)	Mathematics	Agra University Agra	1988
Bachelor of Science (B.Sc.)	Physics, Chemistry, Mathematics	Agra University Agra	1986
Intermediate	Hindi, Eng.,Physics, Chemistry, Mathematics	UP Board	1984
High School	Hindi, Eng., Science , Mathematics, Sanskrit	UP Board	1982

Professional Background:

Designation	Work Experience	KL DAV PG College Roorkee	From	To
Associate. N.C.C. Officer	Administrative	N.C.C.	2000	Till Date as Commission Officer
Exam Controller	Administrative	Exam Controller	2018	2020
Convener	Administrative	Administrative Committee	2018	2020
Chief Proctor	Administrative	Chief Proctor	2019	2020
Member,	Administrative	College Maintenance Committee	2012	2020
Member,	Administrative	Purchase committee	2018	2020
Member,	Administrative	Committee of NAAC	2019	2020
Member,	Administrative	College Maintenance Committee	2012	2020
Member,	Administrative	Parents Teacher Association	2012	2020
Member,	Administrative	Physical Verification Committee	2018	2020

Member,	Administrative	Time Table Committee	2010	2020
Convener	Administrative	M.Sc. Mathematics, Admision Committee	2002	2020
Convener	Administrative	B.Sc. & M.Sc. Admision Committee	2012	2018

Memberships-

- Life Member of Indian Mathematical Society

Orientation/Refresher Courses Attended

- **UGC Sponsored four week Orientation Course** organized by Academic Staff College, A M U Aligarh from Nov.15th, 1999 to Dec. 14th,1999.
- **UGC Sponsored Four week Refresher Course** organized by Academic Staff College, A M U Aligarh from Feb.27th, 2001 to March 30, 2001.
- **UGC Sponsored three week Refresher Course** organized by Academic Staff College, A M U Aligarh from Sep.9th, 2003 to Sep. 30th 2003.

NCC PRCN Course/Refresher course:

- NCC PRCN Course/ - 24-07-2000 to 21-07-2000, OTA Kamptee (Nagpur), Maharatra.
- NCC Refresher Course- 03-11-2003 to 02-12-2003, OTA Kamptee (Nagpur), Maharastra.

NCC Camps Attended:

- About 20.

Teaching Engagements for B. Sc. students

- All Papers of Mathematics .

Doctor of Philosophy (Ph.D.) Thesis Supervised/Supervising:

- 14 Research Scholar Awarded Ph.D/D.Phil. Degree & One Research Scholar Awarded M.Phil Degree.

Refereed Journal Research Papers
National/International Publications:-

1. Dr. MP Singh & Aj ay Singh Parmar(20 10). Unsteady flow through concentric circular porous cylinders subjected to injection and suction. International Journal of Fluid Engineering. ISSN 0974-3138 Vol. 2 No.1(2010), PP15-31.
2. Dr. MP Singh & Ajay Singh Parmar (2011) Unsteady flow of viscous incompressible fluid between two parallel porous plates subjected to injection and suction. Bulletin of the

Allahabad Mathematical Society, Vol. 26,part 2 , 2011, 307-316.

3 Dr. MP Singh & Ajay Singh Parmar(2013) Unsteady flow of Newtonian incompressible fluid between two horizontally parallel homogeneous porous plates under the influence of magnetic field: fluid velocity analyzation. Bulletin of Calcutta Mathematical Society 105(4), 2013.

4 PK Mittal, Dr. MP Sing , Alok Darshan Kothiyal(2008). A note on vorticity of hydromagnetic rivlinericksion fluid flow down an inched plane. Acta Ciencia Indica, Vol. XXXIV M, No.4 PP(1989,90,91,1992) (2009).

5 PK Mittal, Dr. MP Singh, Alok Darshan Kothiyal(2009) A note on hydromagnetic two phase flow through two parallel plates in a routing system. Journal Graphic Era University, Vol. 1 ,No. 1(2009) PP 91-96.

6 PK Mittal, Dr. MP Singh, Alok Darshan Kothiyal(2008). Unsteady MHD flow of an incompressible conducting fluid through cylindrical porous ducts with parabolic section. International Transactions in Mathematical Science and Computer, July 2008, Vol. 1, No. 1 PP 115--26-

7 PK Mittal, Dr. MP Singh, Alok Darshan Kothiyal(2008). Unsteady free convective flow between two headed vertical parallel plates. Acta Ciencia Indica, Vol. XXXIV M, No.4 PP 2095(2008).

8 PK Mittal, Dr. MP Singh, Alok Darshan Kothiyal(2009) Note on vorticity unsteady Conducting dust flow through the annular space between two circular cylinder inpresence of a transverse magnetic field. Journal of Technical Teacher(JTT), July 2009 institution of teachers (JTT), India.

9 Anand Swarup Sharmam, Dr. MP Singh, AB Chandramouli (2011). The Hagen - poisenille flow through a circular pipe in porous medium. Acta Ciencia Indica Vol.XXXVII M, No.3 625-630.

10 Anand Swarup Sharmam, Dr. MP Singh, AB Chandramouli (2011).Steady laminar flow between two parallel plates through porous medium. Acta Ciencia Indica, Vol. XXXVIIIIM, No. 4,583-588.

11 Anand Swarup Sharmam, Dr. MP Singh, AB Chandramouli (2011). Laminar flow between two concentric rotating cylinders through porous medium. Acta Ciencia Indica Vol. XXX VHI,M No.4, 541-547.

12 Anand Swarup Sharmam, Dr. MP Singh, AB Chandramouli(201 2). Problem on compressible viscous liquid is moving steadily under pressure between two planes with constant velocity through porous medium. Acta Ciencia Indica, Vol. X)(XVIII M, No. 3, 431-435.

13 Anand Swamp Sharmam, Dr. MP Singh, AB Chandramouli(20 11). Problem on incompressible viscous liquid is moving steadily under pressure between two plates with constant velocity under the influence of uniform transverse magnetic field. Acta Ciencia Indica, Vol. XXXVII M, No.3, 763-766.

14 Anand Swarup Sharmam, Dr. MP Singh, AB Chandramouli(2011). Problem on incompressible viscous liquid is moving steadily under pressure between two planes with constant velocity through porous medium under the influence of uniform transverse magnetic field. Acta Ciencia Indica,Vol. XXXVII M, No.3, 453-456.

15 Anand Swarup Sharmam, Dr. MP Singh, AB Chandramouli (2011). Flow in convergent and divergent channels through in porous medium. Acta Ciencia Indica, Vol. XXXVII, M, No.2, 457-460.

16 Anand Swarup Sharmam, Dr. MP Singh, AB Chandramouli(201l). Plane coquette steady laminar flow between two parallel plates through porous medium. Acta Ciencia Indica, Vol.XXX VII, M No.4, 961-966.

17 Anand Swarup Sharmam, Dr. MP Singh, AB Chandramouli (2011). Steady laminar Couette flow between two parallel plates under the influence of uniform transverse magnetic field. Acta Ciencia Indica Vol.XXX VII M, No.4 967-971.

18 Anand Swarup Sharmam, Dr. MP Singh, AB Chandramouli(2011). Steady laminar coquette flow between two parallel paltes through medium under the influence of uniform transverse magnetic field. Acta Ciencia Indica, Vol. XXXVIII M, No. 1,177-

19 Anand Swarup Sharmam, Dr. MP Singh, AB Chandramouli(2012). Steady laminar generalized plane couette flow between two parallel plates through porous medium.Acta Ciencia Indica, Vol. XXXVIII M, No.1 183-188.

20 Anand Swarup Sharmam, Dr. MP Singh, AB Chandramouli(2012). Steady Laminar generalized plane coquette flow between two parallel plates under the influence of uniform transverse magnetic field. Acta Ciencia Indica, Vol XXX VIII M, No.2, 189-194.

21 Anand Swarup Sharmam, Dr. MP Singh, AB Chandramouli(2012). Steady laminar generalized plane couette fow between two parallel plates under the influence of uniform transverse magnetiàfield. Acta Ciencia Indica, Vol.XXXVII, M, No.2, 317-322.

22 Anand Swarup Sharmam, Dr. MP Singh, AB Chandramouli(20 12). Steady flow in pipes of elliptic cross-section through porous medium. Acta Ciencia Indica, Vol - XXX VII No.2, 379-390.

23 Seema Saini & S.K. Shakya & Dr. MP Singh (2010). Theortical analysis of thermal instability of viscoelastic fluid in porous medium. The Mathematics Education, International Transaction in Applied Science, Apr -Jun 2011, Vol.3, No.2 PP 215224.

24 Vishvas Chand , Dr. M.P. Singh, Dr. Rajendra Kumar (2013). The incompressible viscous fluid through porous medium under the influence of magnetic field. Acta Ciencia Indica, Vol. XXXIX M,No.1,051(2013).

25 Vishvas Chand, Dr. M.P. Singh, Dr. Rajendra Kumar (2013). Viscous incompressible unsteady fluid flow through porous medium under magnetic field. Acta Ciencia Indica, Vol. XXXIX M, No. 1, 051.

26 Vishvas Chand, Dr. M.P. Singh, Dr. Rajendra Kumar (2013). Steady and unsteady boundry layer flow in 2D thiough porous medium. International Tranction in Applied Sciences, Jul-Sep-201 1, Vol.4, No. 1, PP 35-42.ISSN(Printing) 0974-7273, (online) 0975-3761.

27 Vishvas Chand, Dr. M.P. Singh, Dr. Rajendra Kumar (2013). Transaction of stress and strain analysis. Acta Ciencia Indica, Vol. XXXVIII M, No.2,391.

28 Vishvas Chand , Dr. M.P. Singh, Dr. Rajendra Kumar (2011). Linear stability of flow under porous medium. International Transaction in Applied Sciences, Jul-Sep 2011, Vol. 4, No.1,PP 43-50.

29 Vishvas Chand , Dr. M.P. Singh, Dr. Rajendra Kumar (2010). Fluid flow under boundary

layer with a flat plate through porous medium. International Transactions in Applied Sciences, Vol. 2, No.3 PP 591-599.

30 Vishvas Chand, Dr. M.P. Singh, Dr. Rajendra Kumar (2013). Incompressible viscous liquid in steady motion under pressure through porous medium. Acta Ciencia Indica, Vol. XXX VII M, No.3,75 7.

31 Anand Swarup Sharmam, Dr. MP Singh, AB Chandramouli(201 1). Steady laminar plane coquette flow betweer two parallel plates through porous medium. Acta Ciencia Indica, Vol. XXX VII M, No 4,961(201 1).

32 Anand Swarup Sharmam, Dr. MP Singh, AB Chandramouli(201 1). Steady Laminar plane couette flow between two parallel plates under the influence of uniform transverse magnetic field. Acta Ciencia Indica, Vol. XXX VII M, No. 4 967(2011).

33 Anand Swarup Sharmam, Dr. MP Singh, AB Chandramouli(2012).Steady Laminar plane coquette flow between two parallel plates through medium under the influence of uniform transverse field. Acta Ciencia Indica, Vol XXXVII M, No. 1, 177 (2012).

34 Anand Swarup Sharmam, Dr. MP Singh, AB Chandramouli (2012).Laminar Steady between two co-axial circular cylinders through medium.Acta Ciencia Indica Vol XXXVIII M, No. 4,557-563.

35 Anand Swarup Sharmam, Dr. MP Singh, AB Chandramouli (2011).Problem on a liquid occupying the space between two co-axial circular cylinders through porous medium. Acta Ciencia Indica, Vol. XXXVII M, No.3,699-704.

36 Anand Swarup Sharmam, Dr. MP Singh, AB Chandramouli(2012). Steady motion of viscous liquid due to a slowly rotating sphere through porous medium. Acta Ciencia Indica, Vol XXXVII M, No.4, 611-618.

37 Anand Swarup Sharmam, Ir. MP Singh, AB Chandramouli(2012). Steady Laminar generalized plane coquette flow between two parallel plates through porous medium. Acta Ciencia Indica, Vol XXXVII M No. 183-188.(Add)

38 Anand Swarup Sharmam, Dr. MP Singh, AB Chandramouli (2011) Steady Laminar two parallel poisenille flow between two parallel plates through porous medium. Bulletin of pure and Applied Science, Vol 30 E(Maths & Stat), ISSNE(No.1), PP-25-30.(Add)

39 Anand Swarup Sharmam, Dr. MP Singh, AB Chandramouli(2012) Steady Laminar plane poisenille flow between two parallel plates under the influence of uniform transverse magnetic field. Bulletin of pure and Applied Science, Vol. 31 E(Maths & Stat), ISSN(No.2) PP163-168.(Add)

40 Deepak Kumar, Dr. MP Singh Dr. Rajendra Kumar (2004). Steady plane flow of orthogonal MHD Fluid. Journal of MANIT, Vol. 36,PP 65-71.

41 Deepak Kumar, Dr. MP Singh Dr. Rajendra Kumar (2004). Development of MHD boundary layer near symmetric and Asymmetric flow. Pure and Applied Mathematics Sciences,Vol.LIX, No. 1-2 (2004).

42 Deepak Kumar, Dr. MP Sngh Dr. Rajendra Kumar (2002). Motion of laminar unsteady fluid flow through porous medium. Acta Ciencia Indica, Vol.XXVIII M, No.4,517-524.

43 Deepak Kumar, Dr. MP Singh Dr. Rajendra Kumar (2004)Motion of circular cylinder using oseen's solution.The Mathematics Education, Vol.XXXVIII, No.3,PP 143-147.

44 Deepak Kumar, Dr. MP Singh Dr. Rajendra Kumar (2004). Steady plane flow of orthogonal MHD fluid. Journnal of MANIT. ol

45 Deepak Kumar, Dr. MP Singh Dr. Rajendra Kumar (2004). Development of MHD boundary layer near symmetric and asymmetric flow. Indian Journal of Pure and Apllied Mathematics Sciences,Vol. LIX(2004).

46 Deepak Kumar, Dr. MP Singh Dr. Rajendra Kumar. Motion of laminar unsteady fluid flow through porous medium. Acta Ciencia Indica, Vol.XXVIII,(2002).

47 Deepak Kumar, Dr. MP Singh Dr. Rajendra Kumar(2004). Motion of circular cylinder using oseen's solution. Mathematics Education, Vol.XXXVIII(2004).

48 Anu Agarwal & Dr. MP Singh (2011). A note on vorticity of hydromagnetic flow on continuously moving vertical surface. International Journal of stability and Fluid Mechanics Vol. 2 No. 1, PP 01-07. ISSN(print).0975-8399 (online) 2231-475.

49 Manoj Kumar Panchal, MP Singh & AB Chandramoli (2006). Heat transfer flow of Irrotational fluid through porous medium.Acta Ciencia Indica Vol.XXXII M No.3, 1203-1206.

50 Sudhir Kumar, Dr. MP Singh & Rajendra Kumar(2004).Radiation effect on natural convection over a vertical cylinder embedded in Porous media. Bulletin of Calcutta Mathematical Society G(l), PP 71-78

51. Sudhir Kumar, SP Singh, Rajender Kumar & MP Singh(2005). A numerical study of Incompressible Navier stock equation in curvilinear Domanis through porous media proceeding of National Seminar in Mathematics and computer science UGC sponccered SD College Muzaffarnagar, PP-157-162.Published by Department of Mathematics & Computer Science.

52 Sudhir Kumar, SP Singh MP Singh and Rajendra Kumar(2005). Radiation effect of Natural convection over a vrtical cylinder in porous media. Proceeding of National Seminar on Mathematics and computer science UGC sponcered Vol-1. Published by Department of Mathematics & Computer Science, SD College Muzaffarnagar, Abstract published.

53 Sudhir Kumar, SP Singh, MP Singh & Rajendra Kumar(2005).Shear flow distability in porous media. Proceeding of National Seminar on Mathematics and computer science UGC sponcered Vol-1. Published by Department of Mathematics & Computer Science, SD College Muzaffarnagar,Abstract published.

54 MP Singh & CB Gupta(i997). Torsional wave propagation in initially stressed cylinder with uniform suction.Acta Ciencia Indica Vol. XXIII M No.4 ,259-262.

55 MP Singh & CB Gupta(1997). Stochasticly and flutuation in Biomolecular reaction diffusion with suction. Acta Ciencia Indica Vol. XXXIII M No.4, PP 263-266.

56 MP Singh & AB Chandramauli & Manoj Kumar(2005). Vorticity of oscillating flat plate of a viscous fluid through porous medium.Journal Indian society. Stat, Operation Research,Vol. XXVI, No. 1-4. PP49-55.

57 MP Singh , AB Chandmaouli & Manoj Kumar (2005). Orthoganility and orthonormality of various types of waves. Acta Ciencia Indica, Vol.XXXI M No.3 PP.845-848.

58 Sudhir Kumar, MP Singh & Rajendra Kumar(2005). Steady of viscous incompressible fluid in a porous medium.Acta Ciencia Indica Vol.XXXI M No.4, PP 933-936.

59 Manoj Kumar Panchal, MP Singh & AB Chandramauli(2005). Steady & Unsteady f1ud flow of co-axial cylinder through porous medium. Acta Ciencia Indica Vol. XXXI MNo. 4 PP1187-1190.

60 Anu Agrawal & MP Singh(201 1). Note on vorticity of MHD flow of viscous fluid through a porous medium bounded by an oscillating porous plate in slip flow regime.Acta Ciencia Indica Vol. XXX VII M No.3, PP.569-573.

61 Anu Agrawal & MP Singh(2011).A note on vorticity of unsteady laminar with heat transfer between two parallel non conducting plates under the action transfer magnetic field.Acta Ciencia Indica Vol.XXXVII M No.3, PP.607-6 12.

62 Manoj Kumar Panchal, MP Singh & AB Chandramouli (2006). Axially symmetric through porous mediun.

63 Sandeep Kumar Tiwari & MP Singh (201 1).Rotational & Irrotational fluid flow of a viscous incompressible fluid through porous medium.Acta Ciencia Indica Vol. XXXVII M No.2, PP-437-442.

64 Sandeep Kumar Tiwari & MP Singh (201 1).Steady flow of viscous incompressible fluid through porous medium.Acta Ciencia Indica Vol.XXXVII M No.2, PP. 451-456.

65 Sandeep Kumar Tiwari & MP Singh (2011),Irrotational motion of a fluid of standing or stationary waves of an incompressible fluid.Acta Ciencia Indica Vol.XXXVII M No.4, PP. 871-875.

66 Sudhir Kumar, MP Singh & Rajender Kumar(2004). A note to the solution of Chang-Chang equation arising in free convectional in porous media. Bulletin of Calcutta Mathematical Society. 96(6),PP-433-43 8.

67 Sudhir Kumar, MP Singh & Rajender Kumar(2006). Shear flow instability in a porous media. Acta Ciencia Indica Vol. XXX VII M No. 1,PP-27-32. 94.S

68 Sudhir Kumar, MP Singh & Rajender Kumar(2006).Radiation effect of natural convection over a vertical cylinder in porous media.Acta Ciencia Indica Vol.XXXII M No.2,PP-691-698.

69 Deepak Kumar, Rajender Kumar & MP Singh (2004).Boundary layer near asymmetric flow under an applied magnetic field. Journal of MANIT Vol. 37,PP-111-116.

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Place:

(Dr. M.P.Singh)