

Publication

1. Vineet Kumar Verma and Sunil Datta; *Flow in an Annular Channel Filled with a Porous Medium of Variable Permeability*, Journal of Porous Media, ISSN: 1091-028X, Vol. 15 (10), pp. 891-899, 2012.
2. Vineet Kumar Verma and Sunil Datta; *Analytical Solution of Slow Flow Past a Heterogeneous Porous Sphere with Radial Variation of Permeability using Brinkman Model*, Journal of Porous Media, ISSN: 1091-028X, Vol. 15(7), pp.-689-696, 2012.
3. Vineet Kumar Verma and Sunil Datta; *Magnetohydrodynamic Flow in a Channel with Varying Viscosity under Transverse Magnetic Field*, Adv. Theor. Appl. Mech., Vol. 3, no. 2, 2010, pp. 53 – 66, ISSN - 1313-6550 (print), ISSN- 1314-7625 (online).
4. Vineet Kumar Verma and Sunil Datta; *FLOW IN A CHANNEL FILLED BY HETEROGENEOUS POROUS MEDIUM WITH A LINEAR PERMEABILITY VARIATION*, Special Topics & Reviews in Porous Media, Vol. 3, Issue-3, pp. 201-208, 2012, ISSN: 2151-4798.
5. Vineet Kumar Verma; *Analytical solution of Magnetohydrodynamic Flow with Varying Viscosity in an Annular Channel*, Advances in Theoretical and Applied Mathematics. Volume 9, Number 2 (2014), pp. 105-122
6. Vineet Kumar Verma and Sanjeeva Kumar Singh: *Flow between coaxial rotating cylinders filled by porous medium of variable permeability*, Special Topics & Reviews in Porous Media — An International Journal, 5 (4): pp. 355-359 (2014), ISSN : 2151-4798.
7. Vineet Kumar Verma and Sanjeeva Kumar Singh: *Magnetohydrodynamic Flow in a Circular Channel Filled with a Porous Medium*, Journal of Porous Media, ISSN: 1091-028X, Vol.18 (9), pp. 1-6, (2015).
8. Vineet Kumar Verma and Sanjeeva Kumar Singh: *Darcy-Brinkman flow between coaxial rotating cylinders filled by porous medium of variable permeability*, GANITA, ISSN: 0046-5402., vol. 64, 2015.
9. Vineet Kumar Verma : *Survey on Higher Education in India: Problems and Suggestions*, The Asian Man, ISSN: 0974-6366, Vol 9, no.- 2., 2016.
10. Vineet Kumar Verma: MHD flow in an annular channel with varying viscosity, paper published in Proceedings of National conference on “Role of mathematics in advancement of science and Technology” , BSNV College , LUCKNOW, Oct 18-20, 2013, , ISBN- 978-81-928613-0-2.

11. Vineet Kumar Verma; *Slow Flow Past a Porous Sphere of radially Varying Permeability: Effect of Stress Jump*, paper published in Proceedings of National Symposium on Application of Various Techniques in Fluid Dynamics, 10-12 Feb, 2011, BSNV College, Lucknow, ISBN-978-81-921323-0-3.
12. Vineet Kumar Verma and Pawan Kumar Dixit: *FLOW PAST POROUS SPHERICAL SHELL WITH RADIAL VARIATION OF PERMEABILITY*, STRPM , vol. 7 (3): 299–307 (2016).
13. Vineet Kumar Verma and Amit Kumar Gupta: *Analytical Solution of the flow in a Composite Cylindrical Channel Partially Filled with a Porous Medium in the Presence of Magnetic Field*, *Special Topics & Reviews in Porous Media — An International Journal*, 8(1): 39–48 (2017).
14. Vineet Kumar Verma & Pawan Kumar Dixit; Analytical solution of Couette-Poiseuille flow between two cylinders filled with a variable permeability porous medium, Vol. 67(2), pp 217-233, 2017, GANITA.
15. Vineet Kumar Verma and Amit Kumar Gupta: EFFECT OF STRESS JUMP ON FLOW PAST A POROUS SPHERICAL SHELL OF VARYING PERMEABILITY WITH SOLID CORE, *International Journal of Pure and Applied Mathematics*, Volume 114 , No. 2, 2017, pp. 329-341,. ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version).
16. Vineet Kumar Verma and Pawan Dixit: *Brinkman Flow in an Annular Region Between two Coaxial Translating Cylinders Filled with a Porous Medium*, *Special Topics & Reviews in Porous Media — An International Journal*, 8(3):167–175 (2017).
17. Vineet Kumar Verma and Pawan Kumar Dixit: *MHD couette flow in an annular porous region between two coaxial cylinders.* , Volume 114, No. 3, pp. 571-582, *International Journal of Pure and Applied Mathematics*, 2017. ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version).
18. Vineet Kumar Verma and Pawan Kumar Dixit: *MHD FLOW PAST A POROUS SPHERE OF RADIALY VARYING PERMEABILITY EMBEDDED IN ANOTHER POROUS MEDIUM*, *Special Topics & Reviews in Porous Media — An International Journal*, 8(3), pp. 231–243 (2017).
19. Vineet Kumar Verma, Amit Kumar Gupta; *MHD FLOW IN A POROUS CHANNEL WITH CONSTANT SUCTION/INJECTION AT THE WALLS*, *International Journal of Pure and Applied Mathematics*, Volume 118 No. 1, 2018, pp. 111-123, ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version)

20. Vineet Kumar Verma and Rajeev Kumar Verma; Hydrodynamic Permeability of a Membrane of Porous Cylindrical Particle with Varying Permeability, *GANITA*, Vol. 68(1), 2018, pp.87-102.
21. Vineet Kumar Verma and Sanjeeva Kumar Singh; FLOW IN A COMPOSITE POROUS CYLINDRICAL CHANNEL OF VARIABLE PERMEABILITY COVERED WITH POROUS LAYER OF UNIFORM PERMEABILITY, *International Journal of Pure and Applied Mathematics*, Volume 118 No. 2 2018, 321-334, ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (online version)
22. Vineet Kumar Verma and Amit Kumar Gupta; BRINKMAN FLOW IN A COMPOSITE CHANNEL PARTIALLY FILLED WITH POROUS MEDIUM OF VARYING PERMEABILITY, *Special Topics & Reviews in Porous Media — An International Journal*, 9(2):177–190 (2018).
23. Vineet Kumar Verma and Hariom Verma; EXACT SOLUTION OF FLOW PAST A POROUS CYLINDRICAL SHELL, *Special Topics & Reviews in Porous Media — An International Journal*, 9(1):91–99 (2018).
24. Vineet Kumar Verma and Hariom Verma; MOTION OF A POROUS SPHERICAL SHELL IN A SPHERICAL CONTAINER, *Special Topics & Reviews in Porous Media — An International Journal*, 9(4), pp 1–13 (2018).
25. Vineet Kumar Verma and Hariom Verma; Motion of a porous spherical shell in a container: Effect of stress jump condition, *GANITA*, Vol. 69(1), 2019, 25-37.
26. Vineet Kumar Verma and Rajeev Kumar Verma ; HYDRODYNAMIC PERMEABILITY OF A MEMBRANE OF POROUS CYLINDRICAL PARTICLE WITH VARYING PERMEABILITY: EFFECT OF STRESS JUMP CONDITION, *Special Topics & Reviews in Porous Media — An International Journal*, 10(2):115–127 (2019).
27. Vineet Kumar Verma and Hariom Verma; Motion of porous spherical shell of variable permeability in a spherical container: Effect of stress jump condition, *GANITA*, Vol. 69(2), pp.31-43, 2019.
28. Vineet Kumar Verma and Sanjeeva Singh; FLOW IN A COMPOSITE POROUS CYLINDRICAL CHANNEL COVERED WITH A POROUS LAYER OF VARIABLE PERMEABILITY, *Special Topics & Reviews in Porous Media — An International Journal*, 10(3), pp. 291–303, (2019).

29. Sanjeeva Singh and Vineet Kumar Verma : Slow Flow Past Porous Shell of Variable Permeability with Cavity at the Centre, *Applications and Applied Mathematics: An International Journal (AAM)*, Vol. 14, Issue 2, pp. 957 . 972, (December 2019),
30. Vineet Kumar Verma and Hariom Verma: MOTION OF A POROUS SPHERICAL SHELL IN A SPHERICAL CONTAINER, *Special Topics & Reviews in Porous Media — An International Journal*, 10(6), pp. 525-537, (2019).
31. Pawan Dixit and Vineet Kumar Verma : SLOW MOTION OF A POROUS SPHERE OF VARIABLE PERMEABILITY IN A BOUNDED MEDIUM: EFFECT OF STRESS JUMP CONDITION , *Special Topics & Reviews in Porous Media - An International Journal*, 10(6), pp- 615-637, (2019).
32. Sanjeeva Singh and Vineet Kumar Verma : Exact solution of Flow in a composite porous channel, *Archive of Mechanical Engineering*, Accepted, march 2020.