

DR. DHARMVIR SINGH



Designation and Department:

Assistant Professor (Department of Mathematics)

Education and Training:

B.Sc. from Dr. B.R. Ambedkar University, Agra, U.P.

M.Sc. in Mathematics, Dr. B.R. Ambedkar University, Agra, U.P.

Ph.D. Department of Mathematics, Dr. B.R. Ambedkar University, Agra, U.P.

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Areas of Interest:

Teaching: Differential Equations, Vedic Mathematics, Analysis, Calculus

Research: Fluid Dynamics

Research Experience:

- MHD Effect on forced flow along a porous vertical wall, Journal Purvanchal Academy of Sciences Jaunpur, India 2003, ISSN No. 0972-3498.
- Effect of Mass Transfer on MHD Free Convective Flow of a Dusty Gas through a Porous Medium Induced by the Motion of a Semi- infinite Plate Moving with Velocity Decreasing Exponentially with Time, Indian Journal of Theoretical Physics, 2005, ISSN No. 0019-5698.
- Unsteady Effect on MHD Free Convection and Mass Transfer Flow of Rivlin- Ericksen Fluid through Porous Medium with Constant Suction and Constant Heat Flux, Acta Ciencia Indica, 2004, ISSN No. 0970-0455.
- Steady Laminar Free Convective Flow through Porous Medium along a Moving Porous Hot Vertical Plate in the Presence of Heat Source with Mass Transfer, IJETSR, 2017, ISSN No. 2394-3386.
- Boundary Layer Flow of Kuvshinski Fluid Through Porous Medium Over A Continuous Porous Surface Moving in an Oscillating Free Stream and Heat Transfer, IJETMAS, 2017, ISSN No. 2349-4476
- Three Dimensional Free Convective Flow with Heat and Mass Transfer through a Porous Medium with Periodic Permeability, Bull. Cal. Math. Soc.97, 2005, ISSN No. 0008-0659.

Subjects Taught:

Differential Equations, Vedic Mathematics

Conferences/Seminars/FDPs Participations:

- Attended two weeks online “Refresher Course in Mathematics” under Pandit Madan Mohan Malviya National Mission on Teachers and Teaching, Ministry of Human Resource Development (MHRD) in collaboration with JSS Mahavidyapeetha JSS Science and Technology University from July 13-26, 2023.
- Presented a paper titled “Boundary Layer Flow of Kuvshinski Fluid Through Porous Medium Over a Continuous Porous Surface Moving in an Oscillating Free Stream and Heat Transfer, IJETMAS, 2017” in the 6th International Conference on “Engineering Technology, Science and Management Innovation (ICETSMI-2017)” held on 11th June 2017.