



**Dr. Pankaj Kumar**  
Assistant Professor

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**Name:** Dr. Pankaj Kumar

**Designation:** Assistant Professor

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**Academic Qualification:** M.Sc., M.Phil., Ph.D.,  
GATE, UGC CSIR NET, HP SET

**Positions Held:** N/A

**Specialisation:** Hydrodynamic Stability Theory

**Research Interest:** Fluid Dynamics, Hydrodynamic Stability Theory

**Significant Publications:**

1. Jyoti Prakash, Shweta Manan and **Pankaj Kumar**, Ferromagnetic convection in a sparsely distributed porous medium with magnetic field dependent viscosity revisited, J. Porous Media (Begell House, USA), 21(8), 749-762 (2018).
2. Jyoti Prakash, **Pankaj Kumar**, Kultaran Kumari and Shweta Manan, Ferromagnetic convection in a densely packed porous

medium with magnetic field dependent viscosity-revisited, Z. Naturforsch. (De Gruyter, Germany), 73 (3), 181-190 (2018).

3. Jyoti Prakash, Kultaran Kumari, **Pankaj Kumar** and Khem Raj Sharma, Ferromagnetic convection in a rotating medium with magnetic field dependent viscosity. A correction applied, Tech. Mech. (Germany), 39(2), 190-201 (2019).
4. Jyoti Prakash, **Pankaj Kumar**, Shweta Manan and Khem Raj Sharma, The effect of magnetic field dependent viscosity on ferromagnetic convection in a rotating sparsely distributed porous medium-Revisited, Int. J. Appl. Mech. Engng (Accepted) (2020).

**Research Projects Completed/Ongoing:** N/A

**M.Phil. Supervised:** N/A

**Ph.D. Supervised:** N/A

**Ph.D. Supervising:** N/A

**Participation in Seminars/Conferences:** 6

**Membership of Learned Societies/ Professional Bodies:** N/A

**Awards & Honours Received:**

N/A

**Others:**

N/A