

- 1. Name of faculty:** Dr. Mamta Goyal
- 2. Department:** Mathematics
- 3. Designation:** ASSO. PROF.
- 4. Age as on 01.01.2016:** 51 years
- 5. Educational Qualifications:** M.Sc. M.Phil. Ph.D.
- 6. Teaching Experience as on 01.01.2016** 2+1+19 years
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10. List of Publications:

- Mamta Goyal and Annu Banshiwal “Thermal radiation effect on MHD free convection flow through a porous medium bounded by an inclined surface in presence of chemical reaction with constant heat and mass flux.” International Journal of Mathematical Archive-5(10),2014, 167-174.
- Mamta Goyal and Kiran Kumari “Influence of radiation of free convection in MHD Couette flow between two infinite vertical porous plates in presence of heat source and chemical reaction.” International Journal of Mathematical Archive -5 (12), 2014, 151-159.
- Mamta Goyal and Namrata Naraniya “MHD three dimensional free convection Couette flow with transpiration cooling.” International Journal of Science and Research, Volume 4, Issue 6, June 2015.
- Annu Banshiwal and Mamta Goyal “Natural convective MHD flow past an inclined porous plate in the presence of chemical reaction and radiation with constant suction.” International Journal for Scientific Research & Development, Vol.3, Issue 03, 2015.
- Mamta Goyal and Namrata Naraniya “Three dimensional MHD Couette flow in the presence of suction or injection with radiation effect and heat source.” International Journal for Scientific Research & Development, Vol.3, Issue 06, 2015.
- Mamta Goyal and Sunita Choudhary “Heat and mass transfer for MHD free convection flow past a vertical plate through a porous medium with thermal radiation.” International Journal of Mathematical Archive- 6(4), 2015, 151-158.

- Mamta Goyal and Sunita Choudhary “MHD free convective flow over a vertical porous surface with Ohmic heating, thermal radiation and chemical reaction.” International Journal of Science and Research, Volume 4, Issue 5, May 2015.
- Mamta Goyal and Kiran Kumari “Heat and mass transfer in MHD oscillatory flow between two inclined porous plates with radiation absorption and chemical reaction.” International Journal of Science and Research, Volume 4, Issue 5, May 2015.
- Mamta Goyal and Namrata Naraniya “MHD natural convective flow in a vertical channel through porous medium with viscous dissipation and radiation.” International Journal of Mathematical Archive- 6(5), 2015, 156-163.
- Mamta Goyal and Annu Banshiwal “MHD flow of kuvshinski fluid through porous medium with temperature gradient heat source.” Accepted in Journal of Energy, Heat and Mass transfer.

11. List of Conferences / Symposium/ Refresher Courses attended

- International conference “17th International conference of International Academy of Physical Sciences (CONIPAS - XVII)” on Emerging Trends in Physical Sciences & Technology Jan 16-18, 2015.
- One National Seminar on Recent Developments in Pure and Applied Mathematics and 19th Prof. P.D.Verma Memorial Lecturer-2015, (NSRDPAM & PDVML - 2015) Sept. 12-13, 2015, Department of Mathematics, University of Rajasthan, Jaipur.

12. Membership of technical societies / academic bodies/ National or international organizations (if any)

- Rajasthan Ganita Parishad
- Rajasthan Academy of Physical Sciences
- International Academy of Physical Science