FacultyProfile

FacultyName	Dr. Hawa Singh
Designation	Assistant Professor (Applied Science and Humanities)
Qualification	MSc., PhD
Email	hawasingh@gecnilokheri.ac.in
Areaof Interest	Applied Mathematics, Calculus and Linear Algebra viscous incompressible flow
WorkExperience (Total)	19
• Teaching	19
Courses taught at Diploma/ PostDiploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	• Calculus and Linear Algebra • Multivariable Calculus and Linear Algebra • Probability and Statistics • Higher Engineering Mathematics
ResearchPublications	
• ResearchPapersUGC-CARE	02
• ResearchPapers SCOPUS	02
• ResearchPapersWoS/SCI/ABDC	02
• ListofPublications	Annexure 1

Annexure-1

1) Hawa Singh, Paras Ram, Vikas Kumar: Unsteady MHD free convection fluctuating flow past an impulsively started isothermal vertical plate with radiation and viscous dissipation, *Fluid Dynamics and Material Processing* (FDMP), 10(4), 521-550 **(2014).ISSN: 1555-2578(Online)**

[Impact Factor: 0.880, H Index: 9, Tech Science Press, USA]

2) Paras Ram, Ashok Kumar, **Hawa Singh**: Effect of porosity on unsteady MHD flow past a semi-infinite moving vertical plate with time dependent suction. *Indian Journal of Pure and Applied Physics* (IJPAP),**51**(7), pp. 461-470 **(2013).ISSN: 0975-1041(Online)**

[Impact Factor: 0.766, H Index: 25,CSIR-NISCAIR, INDIA]

3) Hawa Singh, Paras Ram, Ashok Kumar: A study of the effect of chemical reaction and radiation absorption on MHD convective heat and mass transfer flow past a semi-infinite vertical moving plate with time dependent suction. *International Journal of Applied Mathematics and Mechanics* (IJAMM),**7**(20), pp. 38-58 **(2011).ISSN: 0973-0184 (Online)**

4) Paras Ram, Ashok Kumar and **Hawa Singh:** The effect of chemical reaction and heat transfer on MHD flow of viscous fluid past a moving isothermal vertical porous plate with time dependent suction. *International Journal of Theoretical and Applied Mechanics* (IJTAM),**6**(3), pp. 241-254 **(2011).ISSN: 0973-6085(Online)**

5) Ashok Kumar, Paras Ram, **Hawa Singh:** MHD flow and heat transfer in a viscoelastic fluid over a porous flat surface with constant suction. *Journal of Computer and Mathematical Sciences* (JCAMS), **1**(5), pp. 552-565 **(2010).ISSN: 2319-8133(Online)**

6) Paras Ram, **Hawa Singh**, Vikas Kumar, Rakesh Kumar, Vimal Joshi: Free Convective Boundary Layer Flow of Radiating and Reacting MHD Fluid Past a Cosinusoidally Fluctuating Heated Plate.International Int. J. Appl. Comput. Math (2017) 3 (Suppl 1):S261–S294
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