



Name: Dr. Arpita Jain Address : A-370, Malviya Nagar, Jaipur

Contact No. : 9460873078 E-mail: arpita_252@rediffmail.com

▼ Objective

I am self motivated person with natural analytical skills. I want to work in an organization where I can enhance my knowledge towards the benefit of the organization vis-à-vis individual growth.

▼ Academic Qualification

S.No.	Exam/Degree	Year	Board/University
1.	Secondary	1990	Board of Secondary Education, Rajasthan
2.	Senior Secondary	1992	Board of Secondary Education, Rajasthan
3.	B.Sc. (Science Maths)	1995	Mohanlal Sukhadia University, Udaipur
4.	M.Sc. (Maths)	1997	University of Rajasthan Jaipur
5.	M. Phil. (Maths)	1998	University of Rajasthan Jaipur
6.	Ph.D. (Maths) (Fluid Dynamics , Under the supervision of Prof. R. C. Chaudhary)	2003, 2005- 2008	University of Rajasthan, Jaipur

Working Experience

July 1997–June 1999

Senior Teacher Tagore Public School, Mansarover, Jaipur

July 1999–June 2009

Coaching of Mathematics of senior secondary, under graduate Standards

July 2009–February 2010

Lecturer Kanoria Mahila Mahavidyalya, Jaipur

February 2010–August 2015

Head of Mathematics Department JECRC UDML College of Engineering, Kukas, Jaipur

August 2015 –April 2018

Assistant Professor I JECRC University, Sitapura, Jaipur

April 2018–till date

Lecturer S. S. Jain Subodh Girls P.G. College, Sanganer, Jaipur

Mentor, counseling committee member, invigilator

▼ Publications

paper Publications

Title	Journal Name	ISBN NO./IS SN No.	Volume	Page No.	Year
Combined heat and mass transfer effect on MHD free convection flow past an oscillating plate embedded in porous medium	Rom.Journ. Phys.(Romania)	1221-146X	52(5-7)	505-524	2007
Unsteady free convection flow past an oscillating plate with constant mass flux in the presence of radiation	Acta Techn. CSAV(CZECH. Republic)	0001-7043	52	93-108	2007
Influence of Hall current on two dimensional magnetohydrodynamic flow of Oldroyd –B fluid in a channel	Asian Journal of Experimental Sciences (India)	0971-5444	22(3)	357-371	2008
Magnetohydrodynamic	Turkish Journal of	1300-0101	32	13-22	2008

transient convection flow past a vertical surface embedded in a porous medium with oscillating temperature	Engineering and Environmental Sciences (Turkey)				
Influence of periodic temperature on transient natural convection flow of an elastico-viscous fluid past a uniformly accelerated plate	Journal of Engineering Physics and Thermophysics, (Belarus , United States, Springer)	1573-871x	82(3)	476-487	2009
MHD heat and mass diffusion flow by natural convection past a surface embedded in a porous medium	Theoretical Applied Mechanics (Belgrade, Yugoslavia)	2406-0925	36(1)	1-27	2009
Free convection effects on MHD flow past an infinite vertical accelerated plate embedded in porous media with constant heat flux	Matematicas (Colombia)	1988-2807	XVII	73-82	2009
Free convection in boundary layer flow of a dissipative magneto-micropolar fluid from radiate surface	Bulletin of Pure and Applied Mathematics (India)	0970-6577	3(2)	219-241	2009
An exact solution of magnetohydrodynamic	International Journal of Heat and Mass Transfer (Elsevier)	0017-9310	53(7-8)	1609-1611	2010

convection flow past an accelerated surface embedded in porous medium					
Magneto hydrodynamic transient natural convective flow past a surface embedded in porous medium due to combined effects of thermal and mass diffusion	Applied Science Segment, (Italy)	2076-3417	1(1)	15-19	2010
Heat and mass transfer effect of chemically reactive fluid on flow over an accelerated vertical surface in presence of radiation with constant heat flux	International Journal of Advancements in Research & Technology(USA)	2278-7763	2(11)	-	2013
Radiation and Chemical Reaction Effects on Unsteady double diffusive Convective Flow past an Oscillating Surface with Constant Heat Flux	ISRN Chemical Engineering (USA)	2090-861X	2013	1-8	2013
Influence of Newtonian heating and radiation on Chemically reactive fluid flow past an	Indian journal of applied research	2249-555X	IV(IV)	367-371	2014

accelerated surface with variable mass diffusion					
Chemically Reactive Boundary Layer Flow Past an Accelerated Plate with Radiation and Newtonian heating	International Journal of Engineering Research and General Science(Nepal)	2091-2730	2(2)	6-22	2014
Newtonian heating and mass transfer effects of chemical reactive fluid on natural convection flow past a vertical surface with radiation	International Journal of Emerging Technologies in Computational and Applied Sciences(USA)	2279-0055	7	242-246	2014
Radiative and chemically reactive double diffusive convective flow past a vertical surface with constant heat flux	Acta Technica (CSAV)	0001-7043	59(1)	63-77	2014
Newtonian heating and radiation effect on mass transfer over vertical plate in the presence of chemical reaction, International Mathematical	International Bulletin of Mathematical Research	2306-2223	1(1)	17-33	2014

▼ Paper presentation in Seminar/ Conference/Workshop

1. International

S.No.	Title of paper	Name of Seminar/Conference/Workshop	Year
1	Newtonian heating and mass transfer effects of chemical reactive fluid on natural convection flow past a vertical surface with radiation	International Conference on History and Development of Mathematics	2013

2. National

S.No.	Title of paper	Name of Seminar/Conference/Workshop	Year
1	Newtonian heating and radiation effect on mass transfer over vertical plate in the presence of chemical reaction	National conference of Mathematical Analysis and Computation	2015

1. National conference on Computational and Mathematical sciences, Computatia, . Vivekananda Institute of Technology, 28-29 Jan. 2012.
2. Workshop on Dele Carnegie High Impact Teaching Skills, Wipro, JECRC UDML College of Engineering, 22-27 March, 2010.
3. Workshop on Advanced teaching skills, Wipro, JECRC UDML College of Engineering, 23-24 Nov, 2010.
4. Workshop on Funding opportunities for Research Projects, JECRC UDML College of Engineering, 15 March 2014.

5. Workshop on Saksham –Teaching with technology training , Microsoft, JECRC University, 5-6 Dec., 2017.
6. Workshop on Mentoring Teachers for Online Teaching and Virtual Classroom, S. S. Jain Subodh Girls P. G. College, 13 June, 2020.
7. National Workshop on NAAC Accreditation Framework , S. S. Jain Subodh Girls P. G. College, 9 July 2021.

▼ Awards and Achievements

1. International

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| <ul style="list-style-type: none"> • Reviewer of international journal |
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2. National

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| <ul style="list-style-type: none"> • General research scholarship, University of Rajasthan, from December 2005 to May 2008. |
| <ul style="list-style-type: none"> • Selected for Post Doctoral Fellowship for women, UGC,2008. |
| <ul style="list-style-type: none"> • 3rd position in M. Sc. (Maths) in University of Rajasthan. |
| <ul style="list-style-type: none"> • Certificate of Merit for X and XII Class by Ministry of Human Resources and Development, Government of Rajasthan |
| <ul style="list-style-type: none"> • 1st position in Bhilwara District in X class. |

▼ Others

1. Webinar on Yogic Management for Menstrual Disorders, S. S. Jain Subodh Girls P. G. College, 21 June 2020.
2. Training on Latex, IIT Bombay, S. S. Jain Subodh Girls P. G. College, 25-29 June 2020.
3. FDP on The Power of NLP in Communication and Teaching, S. S. Jain Subodh Girls P. G. College, 22 May 2021.
4. IP Awareness/Training Program - National Intellectual Property Awareness Mission, S. S. Jain Subodh Girls P. G. College , 26 April 2022.

▼ Subject Specialization

- Fluid Dynamics

▼ Personal Detail

- Date of Birth: 15.10.1974
- Marital Status: Married
- Husband's Name: Dinkar Jain
- Language Proficiency: English, Hindi

I hereby declare that all the information contained in this resume is in accordance with facts or truths to my knowledge.

Date: 12.7.22

Place: Jaipur

Dr. Arpita Jain
(Name and signature)

Committed to Excellence