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ALONGWITH YOUR PERIODIC INCREMENT CERTIFICATE (PIC)) 2013-2014

Name	Hari Kishan	
Designation	Associate Professor	
Department	Mathematics	
Address (Campus)	D.N. College, Meerut	
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Education

Subject	Institution	Year	Details
D.Sc.			
Ph.D.	Meerut University, Meerut	1982	
P.G.	Meerut College, Meerut	1977	

Career Profile

Organization/Institution	Designation	Duration	Role
Govt. College, Tigaon	Lecturer	18-6-1981 to 15-3-1982	Teaching
S.J. College, Najibabad	Lecturer	17-3-1982 to 29-3- 1984	Teaching
Atarra College, Atarra	Lecturer	30-3-1984 to 15-10-1993	Teaching
D.N. College, Meerut	Associate Professor	16-3-1993 to till date	Teaching
Research Interests / Specialization			
Stability Theory	OR	Number Theory	
Teaching Experience (Subject / Courses Taught)			
UG-32 years	PG-31 years	Mathematics	
Honors & Awards			
High School passed with Hons.	Recipient of JRF(CSIR) and SRF(CSIR)		
Research Supervision	**Awarded**	**Submitted**	**Working**
Ph.D.	21	1	2

Projects			

Publications (since 2007)			
In Indexed / Peer Reviwed Journals			
Year of Publication	**Title**	**Journal**	**Co-Author**
1981	Stability of hydro-magnetic stratified shear flows.	Ind. Jour. Pure Appl. Math. 12(6), 764-768.	R.K. Rathy
1988	An Arithmetical process for the cube root of positive numbers.	Proc. Math. Soc. B.H.U. Varanasi	O.P. Singh &J.S. Parihar
1989	Generalization of Fermat's last problem.	Proc. VPI	
1990	Hydro- Magnetic stability of parallel shear flows between two porous plates.	Som J.Math.Sci., 1 (1990), no. 1 (1-4).	B.N. Dwivedi & J.S.parihar
1991	Area of polygon.	Acta Ciencia Indica Vol. XVII,M, 97-98.	
1995	Stability of spiral flows.	J.S. Parihar	Acta Ciencia Indica Vol. XXI,M, 41-46.
1995	An EOQ Model with stock dependent demand rate.	Acta Ciencia Indica Vol. XXI, No.3, (1995), 391-395.	A.K. Vaish
1995	Reduction of unstable region of spiral flows.	Acta Ciencia Indica Vol. XXI,M,No.3, 261-266.	J.S. Parihar
1995	Inventory model with stock dependent demand rate and constant rate of deterioration.	Acta Ciencia Indica Vol. XXI,M (1995), 420-422.	P.N. Mishra
1995	An inventory model with exponential demand and constant deterioration with shortages.	Ind. Jour. Math. 37, 1995, 275-279.	P.N. Mishra
1996	Stability of the flow of a dusty gas.	Acta Ciencia Indica Vol. XXII,M,No.3, 317-326.	J.S. Parihar
1996	Thermal stability of non-homogeneous viscous couette flow.	Jnanabha, Vol.26, 93-97.	J.S. Parihar
2003	A deteriorating inventory model with exponential demand pattern.	Acta Ciencia Indica Vol. XXIX, M, 831-833.	Bindu Vaish & V.K. Aggarwal
2003	Stability of spiral flows.	Acta Ciencia Indica Vol. XXIX, 571-574.	Deepak Raj
2004	Spatial stability of	Acta Ciencia Indica	Deepak Raj

	hydromagnetic stratified shear flows.	Vol. XXX M, No.1, 197-199.	
2004	Optimal inventory management for exponentially increasing demand with finite rate of production and deterioration.	Acta Ciencia Indica Vol. XXX, M,No.4, 661-664.	Shiv Raj Singh
2005	An inventory model for deteriorating items with exponential demand pattern and variable rate of deterioration.	Acta Ciencia Indica Vol. XXXI, 601-605.	Bindu Vaish & V.K. Aggarwal
2005	Note on Thomson – Chanderasekhr criterion in terrestrial physics.	Acta Ciencia Indica Vol. XXXI, M, No.2, 597-599.	V.K.Aggrawal and Ruchi Goel
2005	Stability of stratified compressible shear flows.	Acta Ciencia Indica Vol. XXXI, M, No.4, 1141-1146.	Ram Diya
2006	Hydromagnetic stability of stratified shear flows.	Acta Ciencia Indica Vol. XXXII, M, No.1, 55-60.	Neelu Chaudhary
2006	Production inventory model for perishable product with price dependent demand.	Reflection des era,Vol.1(1), 1 -10.	Kapil Kr Bansal and Shiv Raj Singh.
2006	Some solutions of the Diophantine equation $x^2 + p = 2^n$.	Reflection des era,Vol.1(1), 2006, 47 - 52.	Ashok Kumar
2006	Optimality conditions for linear fractional bilevel programs of bounded decision variables.	Reflection des era, Vol. 1(2), 97-106.	Soniya Gupta and Anshoo Singh
2007	Lot sizing decisions under trade credit with variable demand rate under inflation.	Int. Jour. Math. & Math. Sci. Vol. 3(1), 29-38.	Singh Sarbjit, Singh Shiv Raj
2008	On the Diophantine equation	Acta Ciencia Indica. Vol. 34, 1043-1044.	P.K. Sharma, M.P. Singh
2008	Policy decision for perishable products with ramp-type demand and random rate of deterioration.	Inter. Trans. Math. Sci, & Comp. Vol. 1(1), 2008, 157-166.	Anand Chauhan, A.P. Singh
2009	Linear fractional programming with bounded decision variables.	Acta Ciencia Indica, Vol. XXXV(2) M, 583-586.	Anshoo Singh
2009	Diophantine equations related to some regular geometrical figures.	Acta Ciencia Indica, Vol. XXXV(2) M, 587-590.	Megha Rani and Smiti Aggrawal
	Optimality and duality		

2009	in linear fractional programming with bounded decision variables.	Acta Ciencia Indica, Vol. XXXV(2) M, 591-598.	Anshoo Singh
2009	Hydromagnetic spatial instability in a shear flow in porous medium.	Pure Appl. Math. Sci. Vol. LXX, No. 1-2, 49-57.	Naresh Kumar Dua, Neelu Chaudhary
2009	Symmetric duality for multiobjective programming using second order (b, F, ρ)-convexity.	Inter. Trans. Appl. Sci. Vol. 1(3), 323-332.	Soniya Gupta
2009	Multilevel programming problems with bounded decision variables.	Acta Ciencia Indica, Vol. XXXV M(4), 1203-1212.	Soniya Gupta
2010	Stability of stratified compressible shear flows in presence of parallel magnetic field.	Inter. Jour. Stab. Fluid Mech. Vol. 1(1), 91-101.	Geeta Devi
2010	Spatial stability of compressible shear flows.	Inter. Jour. Stab. Fluid Mech. Vol. 1(1), 2010, 147-154.	Ruchi Goel, Naresh Kumar
2010	Number of lattice points within and on some standard two and three dimensional geometrical figures.	Inter, Tran. Math. Sci. & Comp. Vol. 3(1), 173-180.	Smiti Agarwal and Megha Rani
2010	Optimal outsourcing policy for a supply chain model with a finite replenishment rate, price dependent demand and incremental holding cost under inflation.	Acta Ciencia Indica, Vol. XXXVI (4), 461-474.	Bindu Vaish, Shweta Atreya
2010	Thermal instability of stratified viscous shear flows.	Arya Bhata Journal of Mathematics & Information, Vol. 2(2).	Ruchi Goel and Naresh Kumar Dua
2010	An analytical approach to shear flow instability of dusty fluid in motion: effect of fine dust and weak magnetic field.	Proc. Nat. Acad. Sci. India, Section A, Vol. 80 Part IV, 310-326.	Jaimala, Ruchi Goel, V.K. Agrawal and S.C. Agrawal
	An inventory model of decaying products with life time and variational demand.	Inter. Jour. Oper. Res. Opt. Vol. 1(2), 2010, 243-254.	Megha Rani and Sarvendar Saroha
2011	The Diophantine equations of the form $3xy = n(x + y)$ and $3xyz = n(xy + yz + zx)$ etc.	Asean Jour. Alg., 1-7.	Megha Rani and Smiti Agarwal

2011	Linear instability of an inviscid compressible parallel shear flow.	Pure Appl. Math. Sci. Vol 73, (1-2), 35-40.	Geeta Devi and Naresh Kumar Dua
2011	Hydromagnetic stability of stratified shear flows in presence of cross flow.	Annales Polonici Mathematici Vol. 102, 15-23.	Naresh Kumar and Ruchi Goel
2010	Spatial stability of spiral flows.	IJSFM, 2010, Vol 1(2), 253-260.	Ruchi Goel, Shweta Chaudhary
2010	Spatial stability of stratified compressible shear flows.	IJSFM, Vol. 1(2), 261-268.	Ruchi Goel, Neena Gupta
2011	Inventory model of deteriorating products under supplier's partial trade credit policy.	Inter, Tran. Math. Sci. & Comp. Vol. 4(1), 143-156.	Megha Rani, Shiv Raj Singh
2011	A multi-echelon supply chain inventory model with variable demand rate for deteriorating items.	Pure Appl. Math. Sci., Vol. LXXIV (1-2), 31-44.	Megha Rani
2011	Hydromagnetic stability of swirling flows.	IJSFM, Vol. 2(1), 21-30.	Ruchi Goel, Neena Gupta
2011	Spatial stability of inviscid homogeneous parallel shear flows.	IJSFM, Vol. 2(1), 77-88.	Ruchi Goel, Shweta Chaudhary
2011	Spatial stability of swirling flows.	IJSFM, Vol. 2(2), 175-182.	Ruchi Goel, Neena Gupta
2011	Spatial stability of hydromagnetic swirling flows.	Caledonian Journal of Engineering, Vol. 7(2), 33-38.	Dua, N.K. Goel, R.
2012	Spatial stability of homogeneous shear flows in sea straits.	Jour. Appl. Math. Fluid Mech. Vol. 4(2), 81-92.	Nirmal Kumari and Naresh Kumar
2012	Inventory model of deteriorating products with life time under declining demand and permissible delay in payment.	Aryabhatta Journal of Mathematics and Informatics. Vol. 4(2), 307-314.	Megha Rani and Deep Shikha
2012	The Diophantine equation for n=2, 3 and 4.	Aryabhatta Journal of Mathematics and Informatics. Vol. 4(2), 381-388.	Pramod Kumar, M.P. Singh
2013	Inventory model with variable demand, shortages and deterioration.	Aryabhatta Journal of Mathematics and Informatics. Vol. 5(1), 1-10.	Megha Rani and Deep Shikha
2013	Hydromagnetic stability of homogeneous shear flows in sea straits type region of arbitrary cross	British Jour. Math. & Comp. Sci. Vol. 3(1), 699-710.	Nirmal Kumari and Naresh Kumar Dua

	sections.		
2013	On the Diophantine equation $x^2 + 7^{2k+1} = y^n$.	Inter, Tran. Appl. Sci., Vol. 5(2), 315-318.	Megha Rani and Smiti Aggarwal
2013	On the Diophantine Equation $n! + p = m^2$ and $n! + p = m^3$. $x^2 + 7^{2k+1} = y^n$.	Inter, Tran. Appl. Sci. Vol. 5(3), 363-366.	Megha Rani and Smiti Aggarwal
Publication in conferences: 8.			
Books: 6.			
Seminar / Conferences attended: 12.			
Conference Presentation: 9.			
Public Service / University Service / Consulting Activity			
Professional Societies Memberships: Life membership of IMS and Forum for Interdisciplinary Mathematics.			
Projects (Major / Minor Grants / Collaborations): 2 (Minor Research Project) completed.			