


Title		First Name	Dr. M. S.	Last Name	Bisht	
Designation	Assistant Professor					
Dept. Name	Applied Science and Humanities Department					
Address:	Dr. M.S. Bisht, Assistant Professor, Applied Science and Humanities Department, G. B. Pant Institute of Engineering and Technology, Pauri Garhwal, Uttarakhand.					
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Web Page (if any)						
Subjects Taught	Engineering Mathematics					
Areas of Interest/Specialization	Hydrodynamics and fluid Mechanics					
Experience (in years)	Total	26				
	Industry					
	Teaching	26				
	Research	4				
Educational Qualifications	UG	B.Sc. :HNB Garhwal University, Srinagar Garhwal				
	PG	M.Sc. :HNB Garhwal University, Srinagar Garhwal				
	Doctorate	2004: HNB Garhwal University, Srinagar Garhwal				
	Any other	No				
Research Publications in Journals	<p>Details should be provided in APA/IEEE format</p> <ol style="list-style-type: none"> <li>1. Stability of superposed viscoelastic fluids in the presence of Suspended particles through porous medium, J. Mountain Res., Vol-4, pp. 65- 76 December, 2009.</li> <li>2. Stability stratified Rivin-Ericksen fluid-particle mixture with a variable magnetic field in porus medium, Journal of Indian National Academy of Mathematics, Vol. 25 (2011), pp. 1-7</li> <li>3. Mathematical modeling of transient heat migration in human skin and subcutaneous using Laplace transformation technique, International Transaction in Applied Science, Vol. 2 (2010), No. 4, pp, 833-840.</li> </ol>					

4. Existence of Common Fixed Point for Weakly Commuting Maps in Complete Metric Space, Int. Journal of Mathematics, Vol. 1 , No. 1, pp. 1-2, ISSN 2348 – 831X, January – June 2014
5. Numerical analysis of thermal hydraulic performance of  $Al_2O_3$ - $H_2O$  nanofluid flowing through a protrusion obstacles square mini channel, Case Studies in Thermal Engineering, ELSEVIER 9(2017) 108-121).
6. Magnetohydrodynamic Boundary Layer Flow of Nonofluid Over an Exponentially, Stretching Permrabal Sheet in Non- Darcy Porous Medium, Int. Journal of Mathematics, January – June 2014, Vol. No. 1, pp. 80-87 ISSN 2348 – 831X
7. Turbulent heat transfer and nanofluid flow in aprotruded ribbed square passage, Results in Physics 7 (2017). (ELSEVIER).
8. Effect of square wing with combined solid ring twisted tape inserts on heat transfer and fluid flow of a circular tube heat exchanger, International journal of Green Energy. (16 Oct. 2018).
9. A review of flow and heat transfer behavior of nanofluids in micro chanel heats sinks, “**Thermal Science and Engineering Progress**”8 (2018). (ELSEVIER).
10. Effect of ratio of protrusion height to print diameter on thermal behaviour of  $Al_2O_3 - H_2O$  nanofluid flow in a protrusion obstacle square channel, Springer Nature Singapore Pte Ltd. 2018, R. Singh et al. (eds), Intelligent Communication, Control and Device, Advances in Intelligent Systems and Computing 624, [https://doi.org/10.1007/978-981-10-5903-2\\_30](https://doi.org/10.1007/978-981-10-5903-2_30)
11. Development of new correlations for heat transfer and friction loss of solid ring with combined square wing twisted tape inserts heat exchanger tube, “Experimental Heat Transfer” A Internation Jounrnal, ISSN: 0891- 6152 (Print) 1521- 0480 (Online) Jounral homepage: <http://www.tandfonline.com/loi/ueht20>
12. Hydrodynamic and thermal performance of twisted tape insert peovided in heat exchanger tubes”: A Internation Jounrnal, Global Digital Central ISSN: 2151- 8629 “Frontiers in Heat and Mass Tranfer(FHMT), 12, 26 (2019) DOI: 10.5098/HMT.12.26. Available at [www.Thermal Fluids Central.org](http://www.Thermal Fluids Central.org)
13. Fluid flow and heat transfer enhancement in wings with combined solid ring twisted tape inserts circular heat exchanger tube, “Thermal Science International Scientific Journal
14. Effect of Nanofluid Flow and Protrusion Ribs on Performance in Square Channels: an Experimental Investigation, Journal of Enhanced Heat Transfer, 26(1):75–100 (2019).

Papers Published in Conference Proceedings	03			
Books Authored/Book Volume Chapters				
	<b>Title</b>	<b>Year</b>	<b>Publisher</b>	<b>ISBN/ISSB</b>
	Numerical Analysis	2009	Pragi Prakashan, Meerut	978-81-8398-144-5
	Engineering Mathematics-1	2013	Anand Publications, Meerut	978-93-8297-41-0
	Engineering Mathematics-1	2015	Krishna Prakashan Media (P) Ltd, Meerut	81-8283-382-
	Integrated Linear Algebra	2017	Pragi Prakashan, Meerut	978-93-8715-05-5
No. of Conferences	National - 08		Attended	Organized
			08	02
	International - 17			
Research Guidance	Awarded: 03 (Three)		PG	Doctorate
			03	
	Undergoing			
Research Projects	Completed: No			
	Undergoing: No			
Awards & Distinctions				
Administrative Assignments Handled	OiC Agriculture, GBPIET Pauri Garhwal Uttarakhand			
Association with Professional Bodies	<ol style="list-style-type: none"> <li>1) "Indian Society of Mathematics and Mathematical Science" (ISMAMS) (Registration no. 1008).</li> <li>2) "Indian Mathematical Society" (IMS) (Registration no. S-550).</li> <li>3) "Journal of National Academy of Mathematics (ISSN-0970-5228)".</li> <li>4) "Ramanujan Mathematical society".</li> <li>5) "International Journal of Education &amp; Information Sciences</li> </ol>			

	(ISSN-2249-0108)". 6. "International Journal of Science & Engineering (ISSN- 2249-0094)".
Any other Achievements	