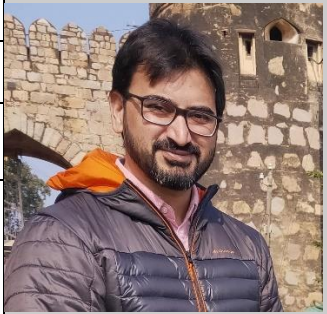


Title	Dr.	First Name	Nitin	Last Name	Kumar	
Designation		Associate Professor				
Dept. Name		Mechanical Engineering				
Address:		E-1, Type-4, GBPIET, Ghurdauri, Pauri-Garhwal, Uttarakhand.				
Phone No.		9953863105				
Email		1. nitinbali100@gmail.com			2.	
Web Page (if any)						
Subjects Taught		Fluid Mechanics and Fluid Machinery, Heat and Mass transfer, Applied Thermodynamics, Basic Mechanical engineering.				
Areas of Interest/Specialization		Hydrodynamic stability, Fluid Mechanics, Fluid Machinery, Heat Transfer, Thermodynamics, Computational Fluid Dynamics.				
Experience (in years)		Total	18			
		Industry	Nil			
		Teaching	18			
		Research	Nil			
Educational Qualifications		UG	B.Tech			
		PG	M.Tech			
		Doctorate	Ph.D (IIT Delhi)			
		Any other				
Research Publications in Journals		<ul style="list-style-type: none"> • Negi, Arvind Singh, et al. "Physicomechanical and abrasive wear properties of hemp/Kevlar/carbon reinforced hybrid epoxy composites." <i>Materials Research Express</i> 6.11 (2019): 115304. • Mangrulkar, Chidanand K., et al. "Thermal performance escalation of cross flow heat exchanger using in-line elliptical tubes." <i>Experimental Heat Transfer</i> (2019): 1-26. • Kumar, Nitin, et al. "A Discrete Linear Stability Analysis of Two-dimensional Laminar Flow Past a Square Cylinder." <i>WSEAS Transactions on Fluid Mechanics</i> 16 (2021): 109-119. • Tejyan, Sachin, Nitin Kumar, and Tej Singh. "Polymer green composites reinforced with natural fibers: a comparative study." <i>Materials Today: Proceedings</i> 44 (2021): 4767-4769. 				

	<ul style="list-style-type: none"> • Tejyan, Sachin, Nitin Kumar, and Tej Singh. "Physico-mechanical characterizations of epoxy composites reinforced with lathe waste materials." <i>Materials Today: Proceedings</i> (2021). • Ror, Ch Kapil, Sachin Tejyan, and Nitin Kumar. "Effect of marble dust reinforcement in composites for different applications: A review." <i>Materials Today: Proceedings</i> (2022). • Tejyan, Sachin, Ch Kapil Ror, and Nitin Kumar. "Mechanical properties of SiC and neem leaf powder reinforced Al-6063 hybrid metal matrix composites." <i>Materials Today: Proceedings</i> 60 (2022): 884-888. 		
Papers Published in Conference Proceedings	<ul style="list-style-type: none"> • Kumar, N., Gupta, A., Non-Newtonian fluid flow past a wedge shape body, NCRAME-2013, GBPIET, Pauri-Garhwal, Uttarakhand, India. • Kumar, N., Arora, N., Gupta, A., Sanghi, S., "A numerical framework for linear stability analysis of two-dimensional steady flows", 5th International Conference on Computational Methods for Thermal Problems THERMACOMP2018, July 2018, Indian Institute of Science, Bangalore, INDIA. • Kumar, N., Arora, N., Gupta, A., Sanghi, S., "Prediction of propulsion in a rigid heaving plate using linear stability analysis", 7th International and 45th National Fluid Mechanics and Fluid Power Conference (FMFP-2018), December 2018, IIT Bombay, Mumbai, India. • Kumar, N. et. al., "Polymer green composites reinforced with natural fibers: a comparative study", <i>Advances in Materials Processing & manufacturing Application (iCADMA 2020)</i>, Sponsored by SPARC, MHRD & TEQIP-III, NIT Uttarakhand, India 		
Books Authored/Book Volume Chapters			
No. of Conferences	National	Attended	Organized
		1	1
	International	3	
Research Guidance	Awarded	PG	Doctorate
		6	
	Undergoing		
Research Projects	Completed	1	
	Undergoing		
Awards & Distinctions			

Administrative Assignments Handled	Warden Kailash Hostel.
Association with Professional Bodies	
Any other Achievements	