


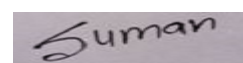


CV DR. SUMAN

Title	DR.	First Name	SUMAN	Last Name		Photograph
Designation						
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Google Scholar ID	https://scholar.google.com/citations?view_op=list_works&hl=zh-CN&user=R97zQnAAAAAJ					
Educational Qualifications						
Degree	Institution				Year	
B.Sc.	UCK, Kurukshetra University, Kurukshetra				2013	
M.Sc. Mathematics	Department of Mathematics, KUK				2015	
PhD (Mathematics)	Kurukshetra University, Kurukshetra				2022	
Career Profile						
Assistant Professor – Indraprastha College for Women, Delhi- 26 September 2023-till date						
• Assistant Professor -Department of Mathematics, KUK- 26 Oct 2022- 25 September 2023						
Administrative Assignments					Year	

BAP Representative	2023-24,2024-25
Departmental Website Portal	2023-24,2024-25
CES Admission	2023-24
Quiz Society	2024-25
Career Counseling and Placement Committee	2024-25
Areas of Interest / Specialization	
Wave Propagation in Smart Materials, Elastodynamics, Seismology	
Subjects Taught	
Differential Equation, Linear Programming, C++, MATLAB, Mathematical Statistics, Calculus, Complex Analysis, Numerical Analysis, Latex, Advanced Spreadsheet, Vedic Maths I,II,III.	
Research Guidance and Examination	
Research Articles	
Influence of fiber orientation on reflection and attenuation phenomenon in fiber-reinforced viscoelastic medium, <i>Archive of Applied Mechanics</i> , Vol 93, 2993-3005, April 2023	
Reflection of an inhomogeneous wave at the free surface of fiber-reinforced thermoelastic medium, <i>Waves in Random and Complex Media</i> , Sep 2023	
Reflection of inhomogeneous waves at the plane boundary of anisotropic thermoelastic medium, <i>Journal of Thermal Stresses</i> , Vol 46, Feb 2023	
Complete phenomenon of reflection at the plane boundary of a dissipative anisotropic elastic medium, <i>Geophysical Journal International</i> , Feb 2021	
Numerical evaluation of inverse integral transforms :dynamic response of elastic materials, <i>International Journal of Engineering Science and Technology</i> , April 2020	
Influence of fiber orientation on reflection and attenuation phenomenon in fiber-reinforced viscoelastic medium, <i>Archive of Applied Mechanics</i> , Vol 93, 2993-3005, April 2023	
Conference and Workshop	Dates
Paper Presentation in Conference	
Influence of fiber orientation on wave propagation in anisotropic	28/04/2024

thermoelastic medium	
On complete reflection phenomenon in anisotropic piezo-thermoelastic medium	NCDRM, 2022, KUK
Wave propagation in initially stressed fiber-reinforced elastic medium	Recent Advances in Solid Mechanics and Seismology, 2021, KUK.
Symmetry Planes of Non-Orthogonal Families of Fibres	AACMME-2021, NIT ROURKELA.
Effect of inclination of one family of fibers on reflection coefficients in fiber reinforced viscoelastic medium	FIAM-2020, NIT JAMSHEDPUR.
Romberg Integration for Improper Integrals	International Conference on Mathematics, Statistics and Applied Sciences, 2018
Eigen values of non symmetric matrices	International Conference on Applied Physics And Mathematics, 2018
Effect of ignoring singularities	International Conference on Mathematical Science, 2018
Numerical method for solving system of non-linear equations	RASTI-2018
Two variable expansion method to examine closed form wave solution of Burger's and Benjamin-Bona-Mahony equations	ICNFESMH-2018
Session Chair in Conference	
International Conference on Recent Advancements in Mathematical Sciences	28/04/2024
Participation in Workshop	
Workshop on Statistical Software R	3 April 2024-4 April 2024
4 th One week International Workshop on Technical Writing using Latex	30 March-5 April 2024
Workshop on typesetting Indian Languages using Latex	21 March-23 March 2024
Other Academic Activities	
Two weeks online FDP on Quantitative and Qualitative Research Methods , 20 May to 31 May 2024	
4 Week Faculty Induction Programme , 22 January to 20 February 2024	



(Dr. Suman)

