Faculty Profile

Faculty Name	Dr. Vikram
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Area of Interest	Continuum Mechanics
Work Experience (Total)	
• Teaching	8.5 YEARS
• Research	0
• Industry	0
• Others	0
Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Applied Mathematics, Engineering Mathematics
Membership of Professional Bodies	NA
Research Publications	
• Research Papers UGC-CARE	5
• Research Papers SCOPUS	5
• Research Papers WoS/SCI/ABDC	3
• List of Publications	Enclosed as Annexure-1

Annexure1

1.Kumar, R., Kaushal, S., Dahiya, V., "Distributed loads in modified couple stress thermoelastic diffusion with non-local and phase-lags", Coupled Systems Mechanics, 10(5), 2021, 453-467. SCOPUS, IF-2.29, SJR-0.369, Q3.
http://121.78.145.37/content/?page=article&journal=csm&volume=10&num=5&ordernum=5#:~:text=Distributed%20loads%20in%20modified%20couple%20stress%20thermoelastic%20diffusion,a%20modified%20couple%20stress%20thermoelastic%20%28MCT%29%20half%20space.

2. Kumar, R., Kaushal, S., Dahiya, V., "Response of non-local and phase-lags due to ramp-type loading in modified couple stress thermoelastic with mass diffusion", Mechanics of Solids, 56(4), 2021, 559-570. SCOPUS, SCIE, IF0.549, SJR-0.263, Q3. https://ui.adsabs.harvard.edu/abs/2021MeSol..56..559K/metrics.

3. Kumar, R., Kaushal, S., Dahiya, V., "Dynamic mathematical model of modified couple stress thermoelastic diffusion with phase-lag, International Applied Mechanics", 58(3), 2022, 116-131. SCOPUS, IF-1.121, SJR-0.23, Q3. https://link.springer.com/article/10.1007/s10778-022-01160-3

4. Kumar, R., Kaushal, S., Dahiya, V., "Porosity and phase lags response of thick circular plate in modified couple stress thermoelastic medium", Z Angew Math Mech., 101(12), 2021, e202100098. SCOPUS, SCIE (Web of Science), IF1.759, SJR-0.41, Q2. https://onlinelibrary.wiley.com/doi/abs/10.1002/zamm.202100098

5. Kumar, R., Kaushal, S., Dahiya, V., "Modelling of Circular Plate in Modified Couple Stress Thermoelastic with Void, Diffusion and Phase Lags, Journal of thermal stresses", 16(4), 2023, https://doi.org/10.1080/01495739.2023.2174230. SCOPUS, SCI, IF-3.456, SJR-0.691, Q2. https://www.tandfonline.com/doi/full/10.1080/01495739.2023.2174230?src=