

Publications in Journals

S. No.	Authors	Title	Name of the Journal	Details
1	Rekha Bali , Ragini Tripathi, Swati Mishra	Mathematical Study of Blood Flow in Small Vessels: Considering Red Blood Cell Deformation	Lecture Notes in Networks and Systems	doi: 10.1007/978-981-96-1449-3_29
2	Chinmay Kumar, Abhinava Srivastav , Lovely Jain	Flow Analysis of a Trihybrid Nanofluid using Local Linearization Method	Discontinuity, Nonlinearity, and Complexity	14(4)/731-744/2025
3	Anugrah Pratap Singh, Udaya Pratap Singh , Anurag Shukla	Optimal control results for fractional integro-differential systems of order $\alpha \in (1, 2)$ via resolvent operators	The Journal of Analysis	https://doi.org/10.1007/s41478-025-00964-z
4	Rekha Bali , Prakhar Bajpai	Numerical study of tibial inserts made of conventional and vitamin E blended UHMWPE with and without cross linking in total knee replacement under EHL conditions	Computer Methods in Biomechanics and Biomedical Engineering	https://doi.org/10.1080/10255842.2025.2610678
5	Niranjan Swaroop, Ram Naresh Tripathi , Shyam Sundar	A dynamical model describing how acid rain affects the growth of plants in a habitat	Computational Ecology and Software	16(1)/35-57/2026
6	Shivani Dubey, Shivam Shreevastava	Feature Selection in Missing Valued Information System Using Fuzzy Complementary Gain Ratio	Data Science and Applications	DOI: 10.1007/978-3-032-10940-8_7