## Table of Contents of International Journal of Performability Engineering, Vol. 19, No. 5, May 2023

Author(s)	Title of the Paper	Pages
Nittu Goutham, Karan Singh, Latha Banda, Purushottam Sharma, Chaman Verma, and S. B. Goyal	ShAD-SEF: An Efficient Model for Shilling Attack Detection using Stacking Ensemble Framework in Recommender Systems	291-302
Pranshu Kumar Soni and Leema Nelson	PCP: Profit-Driven Churn Prediction using Machine Learning Techniques in Banking Sector	303-311
Mohammad Adnan Muzafar, Aman Bhargava, Anupriya Jha, and Parma Nand	Securing the Supply Chain: A Comprehensive Solution with Blockchain Technology and QR-Based Anti-Counterfeit Mechanism	312-323
Ramneet Kaur, Deepali Gupta, and Mani Madhukar	Learner-Centric Hybrid Filtering-Based Recommender System for Massive Open Online Courses	324-333
Mahima Yadav and Ishan Kumar	Image Processing-Based Transliteration from Hindi to English	334-341
Shreshtha Singh and Arun Sharma	State of the Art Convolutional Neural Networks	342-349
Harshvardhan Singh Chauhan, Himanshi Babbar, and Shalli Rani	D2PG: Deep Deterministic Policy Gradient-Based Vehicular Edge Caching Scheme for Digital Twin-Based Vehicular Networks	350-358