

Journal Papers

Dange, P., Kumar, C. (2025). Giving the hostel mess a miss: investigating students' attitude and behaviour towards mess and skipping mess meals, using the theory of planned behaviour. *International Journal of Adolescence and Youth* 30 (1), 2450409

Dange, P., Mann, S., Kumar, C., Rawat, S. R., Deshpande, A., Mittal, A. (2025). When the badge weighs heavy: decoding the role of self-efficacy and coping on police burnout through stress. *International Journal of Organizational Analysis*.

Conference Papers

U. Soni, R. C, Pathak, G. P., Dange, P. (2025). Efficient and Robust Graph Metric Learning Guided by Model Selection Principles. 3rd International Conference on Data Science and Network Security (ICDSNS), Tiptur, India, 2025, 1-6.

J. Gandhi, V. Prabakaran, M. S, Dange, P. (2025). Machine Learning and Graph Theory-Based Approach for Detecting and Diagnosing Hardware Trojans in Gate-Level Netlists. 2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS), Chickballapur, India, 1-6.

Thacker, C., Ravikumar, K., Ramkumar, K. B., Dange, P. (2025). Design and Evaluation of VR-Enhanced Hand Therapy with a Custom Biomechatronic 3D-Printed Orthosis. 2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS), Chickballapur, India, 1-6.

Sutaria, K., Mahalakshmi. S, Paliwal, M., Dange, P. (2025). Decentralized Federated Learning Framework with Blockchain for Verifiable and Trusted Collaboration. 2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS), Chickballapur, India, 1-6.

Sutaria, K., Rajan, D. K., Pathak, G. P., Dange, P. (2025). Context-Sensitive Graph Reduction and Partitioning for Enhanced Cyber Attack Investigation. 2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS), Chickballapur, India, 1-6.

Patel, M., Rajan, D. K., Raju, A. M., Dange, P. (2025). Twitter Bot Detection Using GCN with Adaptive Neighborhood Aggregation and Squeeze Module. 2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS), Chickballapur, India, 1-6.

Bhatt, P., Tiwari, V., Vinoth, T., Dange, P., Visual Perception-Based Data-Driven Path Tracking Using Behavior Analysis and the ANFIS Approach. 2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS), Chickballapur, India, 1-6.

Yadwad, R. C, Raj, D. N., Dange, P. (2025). Multimodal Brain Tumor Segmentation Using a Dual-Branch Vision Transformer Integrated with Region-Attention Fusion Network. 2025 3rd International Conference on Integrated Circuits and Communication Systems (ICICACS), Raichur, India, 1-6.

Adhvaryu, R. S., Kannan, R. S., Dange, P. (2025). Scalable Subspace Clustering via Purity Kernel Tensor Learning. 2025 3rd International Conference on Integrated Circuits and Communication Systems (ICICACS), Raichur, India, 1-6.

Dange, P., Mistry, T., Kumar, C. (2025). Adding Granularity to the Measurement of Programme Outcomes Assessment: A Novel way to Compute Programme Outcome Attainment. Securing the Future Through Sustainability, Health, Education, and Technology, 325-343.

Mistry, T., Dange, P., Kumar, C. (2024). New Product Advertising: Analysing the Impact of Functional, Emotional and Rational Brand Post on Purchase Intention. Securing the Future Through Sustainability, Health, Education, and Technology, 425-436.

Kulkarni, M., Dange, P., Bedarkar, M. (2024). Empowering visually impaired learners: A voice-assisted mobile exam app for scribe-free exams. 2024 International Seminar on Application for Technology of Information and Communication (iSemantic), Semarang, Indonesia, pp. 196-200.

Dange, P., Mistry, T., Mann, S. (2023). AI and Assistive Technologies for Persons with Disabilities - Worldwide Trends in the Scientific Production Using Bibliometrix R Tool. In: Tiwari, S., Ortiz-Rodríguez, F., Mishra, S., Vakaj, E., Kotecha, K. (eds) Artificial Intelligence: Towards Sustainable Intelligence. AI4S 2023. Communications in Computer and Information Science, 1907.

Book Chapter

Pathak, P., Damle, M., Dange, P., Pillai, S. (2025). Application of Digital Technologies in Agri-Supply Chain: The Story of India and Comparative Narrative. In S. Kumari, V. Venkatesh, K. Tripathy, H. Padhan, & M. Nair (Eds.), Sustaining the Global Agriculture Supply Chain (pp. 351-382). IGI Global Scientific Publishing.

Book

Divekar, R., Chopra, K., Dange, P., Mehendale, S. (2025). Securing the Future Through Sustainability, Health, Education, and Technology. Taylor & Francis.