

International Journals:

- Dev Sourav Panda, Rahul Dixit, **Anuja Dixit**, Harshitha Dwaracherla, and Anupam Shukla, “Mathematical Model and AI Integration for COVID-19: Improving Forecasting and Policy-Making”, **S N Computer Science (Springer) [Scopus]**, vol. 5, no. 246, 2024.
DOI: <https://doi.org/10.1007/s42979-023-02574-7>
- **Anuja Dixit** and Rahul Dixit, “Forgery Detection in Medical Images with Distinguished Recognition of Original and Tampered Regions using Density-based Clustering Technique”, **Applied Soft Computing (Elsevier)**, vol. 130, 109652, 2022.
DOI: <https://doi.org/10.1016/j.asoc.2022.109652>
[Impact Factor: 8.7] (SCI, Q1)
- **Anuja Dixit** and Soumen Bag, “A Fast Technique to Detect Copy-move Image Forgery with Reflection and Non-affine Transformation Attacks”, **Expert Systems with Applications (Elsevier)**, vol. 182, 115282, 2021.
DOI: <https://doi.org/10.1016/j.eswa.2021.115282>
[Impact Factor: 8.5] (SCI, Q1)
- **Anuja Dixit** and Soumen Bag, “Adaptive Clustering-based Approach for Forgery Detection in Images Containing Similar Appearing but Authentic Objects”, **Applied Soft Computing (Elsevier)**, vol. 113(A), 107893, 2021.
DOI: <https://doi.org/10.1016/j.asoc.2021.107893>
[Impact Factor: 8.7] (SCI, Q1)
- **Anuja Dixit** and Soumen Bag, “Composite Attacks-based Copy-move Image Forgery Detection using AKAZE and FAST with Automatic Contrast Thresholding”, **IET Image Processing (IET Digital Library)**, vol. 14, no. 17, pp. 4528–4542, 2020.
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- **Anuja Dixit** and Soumen Bag, “Utilization of Edge Operators for Localization of Copy-move Image Forgery using WLD-HOG Features with Connected Component Labeling”, **Multimedia Tools and Applications (Springer)**, vol. 79, no. 35, pp. 26061–26097, 2020.
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[Impact Factor: 3.6] (SCI, Q2)

International Conferences:

- Umesh Kumar Bhatiya, **Anuja Dixit**, and M. M. Gore, “Real-Time Multi-Modal Deepfake Detection using Transformers”, 10th International Conference on Computer Vision and Image Processing (CVIP-2025, IIT Ropar), **Springer**. {Accepted}.
- Pushpendra Kumar Bais, **Anuja Dixit**, and Rahul Dixit, “SpliceRecover: A Unified Deep Learning Framework for Comprehensive Detection, Localization, and Restoration of Image Splicing Forgeries”, 10th International Conference on Computer Vision and Image Processing (CVIP-2025, IIT Ropar), **Springer**. {Accepted}.

- Umesh Kumar Bhatiya, **Anuja Dixit**, and Rahul Dixit, “*Multi-Modal Deepfake Detection: A Hybrid Approach Utilizing Video, Audio, and Textual Features*”, 2nd International Symposium on Artificial Intelligence (ISAI-2025, NIT Sikkim), **Springer**. {Accepted & Presented, in Press}.
- Pushpendra Kumar Bais, **Anuja Dixit**, and Rahul Dixit, “*Utilization of Digital Forensics for Image Forgery Detection*”, 12th International Conference on Signal Processing and Integrated Networks (SPIN-2025, Amity University Noida), **Springer**. {Accepted & Presented, in Press}.
- Rahul Dixit, Arth Agrawal, **Anuja Dixit**, and Sweta Tripathi, “*Detecting AI-Generated Speech Manipulation through CNN-BiLSTM Hybrid Networks*”, 7th International Conference on Signal Processing, Computing and Control (ISPPC-2025, JUIT Waknaghat), **IEEE**.
DOI: <https://doi.org/10.1109/ispcc66872.2025.11039608>
- Yohan Varghese Kuriakose, Vardan Agarwal, Rahul Dixit, and **Anuja Dixit**, “*A Novel Technique for Fake Signature Detection Using Two-Tiered Transfer Learning*”, International Conference on Computational Intelligence (ICCI-2020, IIIT Pune), **Springer**, pp. 45-58, 2022.
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- Shraddha Wankhade, **Anuja Dixit**, and Soumen Bag, “*A Fast and Rigid Copy-move Forgery Detection Technique Using HDBSCAN*”, 4th International Conference on Computer Vision and Image Processing (CVIP-2019, MNIT Jaipur), **Springer**, pp. 15-24, 2020.
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- **Anuja Dixit** and Soumen Bag, “*Utilization of HOG-SVD based Features with Connected Component Labeling for Multiple Copy-move Image Forgery Detection*”, 5th International Conference on Identity, Security, and Behavior Analysis (ISBA-2019, IDRBT Hyderabad), **IEEE**, pp. 1-9, 2019.
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- **Anuja Dixit** and Soumen Bag, “*Copy-move Image Forgery Detection Using Gray-Tones with Texture Description*”, 3rd International Conference on Computer Vision and Image Processing (CVIP-2018, IIIT Jabalpur), **Springer**, pp. 75-86, 2020.
DOI: https://doi.org/10.1007/978-981-32-9291-8_7