

PROF PARVEEN KUMAR LEHANA

PUBLICATIONS LIST 2018 to 2023

1.	Mohammad Urfan, Prakriti Rajput, Parveen Kumar Lehana et al, "The Deep Learning-Crop Platform (DL-CRoP): For Species-Level Identification and Nutrient Status of Agricultural Crops," Research A Science Partner Journal, Vol. 7, no. 0491, 2024, https://doi.org/10.34133/research.0491	8.5
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2	N. Karlupia, P. Mahajan, P. Abrol, and P. K. Lehana, "A genetic algorithm based optimized convolutional neural network for face recognition," International Journal of Applied Mathematics and Computer Science 33 (1), 21-31, 2023.	2.157
3	A. Abrol, N. Kapoor, and P. K. Lehana, "Identification and classification of schizophrenic speech using convolutional neural network for medical healthcare," International Journal of Medical Engineering and Informatics 15 (6), 540-548, 2023.	0.168
4	P. Mahajan, N. Karlupia, P. Abrol, and P. K. Lehana, "Analyzing Performance of Masked R-CNN Under the Influence of Distortions," Lecture Notes in Networks and Systems, pp. 339–351, 2023, doi: 10.1007/978-981-99-2602-2_26.	NA
5	P. K. Lehana, Chaahat, A. Abrol, P. Rajput, and Parul, "Machine Learning for Rural Healthcare," Swarm Intelligence and Machine Learning, pp. 71–94, Jul. 2022, doi: 10.1201/9781003240037-5.	NA
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8	P. Mahajan, N. Karlupia, P. Abrol, and P. K. Lehana, "Identifying COVID-19 Pneumonia using Chest Radiography using Deep Convolutional Neural Networks," 2021 62nd International Scientific Conference on Information Technology and Management Science of Riga Technical University (ITMS), Oct. 2021, doi: 10.1109/itms52826.2021.9615328.	NA

9	Chaahat, N. Kumar Gondhi, and P. Kumar Lehana, "An Evolutionary Approach for the Enhancement of Dermatological Images and Their Classification Using Deep Learning Models," <i>Journal of Healthcare Engineering</i> , vol. 2021, pp. 1–13, Jul. 2021, doi: 10.1155/2021/8113403.	3.822
10	P. Mahajan, V. Jakhetiya, P. Abrol, P. K. Lehana, B. N. Subudhi, and S. C. Guntuku, "Perceptual Quality Evaluation of Hazy Natural Images," <i>IEEE Transactions on Industrial Informatics</i> , vol. 17, no. 12, pp. 8046–8056, Dec. 2021, doi: 10.1109/tii.2021.3065439.	11.648
11	Akshita Abrol, Nisha Kapoor, and Parveen Kumar Lehana, "Parametric Analysis of Schizophrenic Speech," <i>International Journal of Scientific and Technical Advancements</i> , Volume 6, Issue 4, pp. 121-124, 2021.	NA
12	Priti Rajput and Parveen Kumar Lehana, "Fabrication of Smart Bandage Structure," <i>International Journal of Scientific and Technical Advancements</i> , Volume 6, Issue 4, pp. 111-114, 2020.	NA
13	P. Mahajan, P. Abrol, P. K. Lehana "Scene Based Classification of Aerial Images using Convolution Neural Networks," <i>Journal of Scientific & Industrial Research</i> , vol. 79, no. 12, Dec. 2020, doi: 10.56042/jsir.v79i12.36671.	NA
14	C. Gupta, N. K. Gondhi, and P. K. Lehana, "Gray Level Co-Occurrence Matrix (GLCM) Parameters Analysis for Pyoderma Image Variants," <i>Journal of Computational and Theoretical Nanoscience</i> , vol. 17, no. 1, pp. 353–358, Jan. 2020, doi: 10.1166/jctn.2020.8674.	0.173
15	P. Mahajan, P. Abrol, and P. K. Lehana, "Effect of Blurring on Identification of Aerial Images Using Convolution Neural Networks," <i>Proceedings of ICRIC 2019</i> , pp. 469–484, Nov. 2019, doi: 10.1007/978-3-030-29407-6_34.	NA
16	J. B. Singh and P. K. Lehana, "Emotional speech analysis using harmonic plus noise model and Gaussian mixture model," <i>International Journal of Speech Technology</i> , vol. 22, no. 3, pp. 483–496, Aug. 2018, doi: 10.1007/s10772-018-9549-y.	0.394
17	C. Gupta, N. K. Gondhi, and P. K. Lehana, "Analysis and Identification of Dermatological Diseases Using Gaussian Mixture Modeling," <i>IEEE Access</i> , vol. 7, pp. 99407–99427, 2019, doi: 10.1109/access.2019.2929857.	3.476
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21	J. B. Singh and P. Lehana, “STRAIGHT-Based Emotion Conversion Using Quadratic Multivariate Polynomial,” Circuits, Systems, and Signal Processing, vol. 37, no. 5, pp. 2179–2193, Sep. 2017, doi: 10.1007/s00034-017-0660-0.	2.3
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23	Preeti Digra, Pawanesh Abrol, Parveen Lehana, “Design and Development of Distributed Image Acquisition and Recording System for Network Based Applications,” International Journal of Scientific and Technical Advancements, Volume 4, Issue 3, pp. 1-8, 2018.	NA