

PUBLICATIONS

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22. Astha Singh, K. Singh, Divya Kumar and S. Prakash, “[An Efficient Lie Detection with Movement Tracks of Larynx and Eye Flutters During Interrogation Using Machine Learning and Deep-Computing](#)”, *International Journal of Wireless Personal Communications (SCI Indexed)*, Springer Nature (2024).
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15. Astha Singh and Divya Kumar, “[Computer Assisted Identification of Stress, Anxiety, Depression \(SAD\) in Students: A State-of-the-art Review](#)”, *Journal of Medical Engineering and Physics (Scopus Indexed)*, Elsevier (2022).
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11. Ankur Maurya and Divya Kumar, “[Translation of SysML Diagram into Mathematical Petri-net Model for Quantitative Reliability Analysis of Airbag System](#)”, *International Journal of Vehicle Design (SCI Indexed)*, Inderscience Publishers (2021).

10. S. Gupta, Divya Kumar and K. K. Mishra, “[Chaotic and Co-variance Based Artificial Bee Colony Algorithm](#)”, *The Journal of Multiple-Valued Logic and Soft Computing (SCI Indexed)*, Oldcity Publishing (2020).
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2. Divya Kumar, “[Self Learning Material on Multimedia](#)”, *UP Rajashree Tandon University Press*, ISBN: 978-93-83328-17-8, (2022).
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8. K. Singh, C. Krishna and Divya Kumar, “[Artificial Intelligence in Healthcare: Redefining Patient Care and Medical Innovation](#)”, *Artificial Intelligence in Healthcare: Redefining Patient Care and Medical Innovation*, CRC Press, Taylor & Francis (2025).

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35. R. Gupta, Navneet K., Atul Kumar and Divya Kumar, “[Deepake Speech Detection](#)”, *4th International Conference on Modeling, Simulation and Optimization*, IEEE Xplore (2024).
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27. Gargi Mishra and Divya Kumar, “[Deep Learning Technique to Diagnose Depression in Audio](#)”, *15th International Conference on Contemporary Computing*, ACM International Conference Proceedings Series (2023).
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