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DEPARTMENT OF INFORMATION TECHNOLOGY

SCIE

1) Reddy, A. V., Mallick, P. K., Kumar, S., Mishra, D., Reddy, P. A., & **Chindam, S.** (2025). Meerkat-Optimised SENet Approach: Advancements in Retinal Fundus Image Augmentation and Classification. Arabian Journal for Science and Engineering, 50(19), 15235-15279. https://doi.org/10.1007/s13369-025-10548-5 **(August 26-2025)   (Q1)**

Scopus Papers

1) Sri, D. V., Ramadevi, P., Priya, T. V., Thanmai, S., Tejaswi, M., Sadhika, S., & Renuka, J. G. (2025). Binary flower pollination algorithm driven deep SE-ResNeXt framework for the identification of Muntingia calabura. International Journal of Information Technology, 1-8. https://doi.org/10.1007/s41870-025-02728-1 **(September 22- 2025)   (Q2)**.

2) **Kommaraju, R.,** Sujith, K. S., Kishore, Y. S. Y. G., Narendra, A., Kumar, P. P., Harshavardhan, A. H., & Maheswari, G. (2025). An ensemble transfer learning metaheuristic optimization framework for detection of glioblastoma (GBM). International Journal of Information Technology, 1-6. https://doi.org/10.1007/s41870-025-02856-8 **(November 21-2025) (Q2).**

3) **Kumar, M. V.,** Matlapudi, T., Ulliboina, P. S., Ponnam, S. S. S., Sravani, L. S., Gunnam, D. R., & Bhimireddy, V. S. (2025). A deep learning approach with data augmentation for robust SAHS classification from nasal pressure signals. International Journal of Information Technology, 1-8. https://doi.org/10.1007/s41870-025-02665-z **(July 30-2025)   (Q2)**

Scopus Conference Proceedings

1) **Begum, R.,** Gorantla, S., Jashuva, M., Akhileswari, A., & Tejaswini, A. (2025, July). Speech Emotion Recognition (SER) Using CNN, Fully Connected Layers, BiLSTM, and Bayesian Optimization for Parameter Tuning. In 2025 International Conference on Innovations in Intelligent Systems: Advancements in Computing, Communication, and Cybersecurity (ISAC3) (pp. 1-5). IEEE. DOI: 10.1109/ISAC364032.2025.11156780.

2) **Hema Latha, M.,** Hema Kalyani, C., Ankitha, S., & Ashok, P. (2024, June). Intelligent Recipe Recommendation System with Health Insights Using Transfer Learning and Ensemble Learning. In International Conference on Data Analytics & Management (pp. 563-574). Singapore: Springer Nature Singapore.

3) **Jalluri, G. R.,** Sumithra, M. D., Soujanya, C. L., Potharaju, C. M., & Singamalai, J. (2025, July). Deep Learning-Based Automated Diagnosis of Kidney Stones. In 2025 International Conference on Innovations in Intelligent Systems: Advancements in Computing, Communication, and Cybersecurity (ISAC3) (pp. 1-7) IEEE. **DOI:** 10.1109/ISAC364032.2025.11156483

4) **Kumar, M. V.,** Gudaru, R. R., Sandeep, J. S., Rao, K. H., & Nayak, N. K. (2025, July). An Ensemble Deep Learning Model Using CNN, LSTM and Autoencoder for EEG-Based Parkinson's Disease Classification. In 2025 International Conference on Innovations in Intelligent Systems: Advancements in Computing, Communication, and Cybersecurity (ISAC3) (pp. 1-6). IEEE. DOI: 10.1109/ISAC364032.2025.11156572.

5) **Kumar, M. V.,** Vamsi, S., Mokshagna, A. T., Pavani, E., & Rao, G. S. (2025, July). Deep Learning-based Student Engagement Detection using CNN, Mobile Net, ResNet50, VGG16. In 2025 International Conference on Innovations in Intelligent Systems: Advancements in Computing, Communication, and Cybersecurity (ISAC3) (pp. 1-5). IEEE. DOI: 10.1109/ISAC364032.2025.11156385.

6) **Reddy, V. K.,** Raju, M. N., Rani, V. B., Kumar, V. S., & Kolli, C. S. (2025, July). AGDPM-Net: Hybrid Ensemble Framework for Genetic Disorder Prediction. In 2025 International Conference on Innovations in Intelligent Systems: Advancements in Computing, Communication, and Cybersecurity (ISAC3) (pp. 1-5). IEEE. DOI: 10.1109/ISAC364032.2025.11156678.

7) **Muley, R. R.,** Reddy, P. A., Chakravarthi, M. A., Ramakrishna, K. V. S. S., & Chavala, S. (2025, May). A Smart Dress Code Monitoring System Leveraging Transfer Learning With YOLOV11. In 2025 International Conference on Advancements in Smart, Secure and Intelligent Computing (ASSIC) (pp. 1-5). IEEE. **DOI:** 10.1109/ASSIC64892.2025.11158570.

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9) **Munnamgi, H**. L., Avuluri, R. R., Sugrivu, D. P., & Vanjarapu, M. (2025, July). Deep Learning-based Blood Group Classification from Fingerprint Biometrics. In 2025 International Conference on Innovations in Intelligent Systems: Advancements in Computing, Communication, and Cybersecurity (ISAC3) (pp. 1-5). IEEE. | DOI: 10.1109/ISAC364032.2025.11156779.

10) **Gurram, R.,** Anil, B., & Teja, M. (2025, July). Adaptive Indoor Air Quality Monitoring System using Iot Sensors And Deep Learning. In 2025 International Conference on Innovations in Intelligent Systems: Advancements in Computing, Communication, and Cybersecurity (ISAC3) (pp. 1-5). IEEE. | DOI: 10.1109/ISAC364032.2025.11156482.

11) **Kanakamedala, P.,** Sunkara, V. M., Kumar, J. R., Kumar, P. J. S., Reddy, M. B., & Rajendra, G. (2025, July). Attention U-Net for Segmentation of Pancreatic Neuroendocrine Neoplasms in Computer Tomograph. In 2025 International Conference on Innovations in Intelligent Systems: Advancements in Computing, Communication, and Cybersecurity (ISAC3) (pp. 1-6). IEEE. DOI: 10.1109/ISAC364032.2025.11156429.

12) **Kanakamedala, P.,** Sunkara, V. M., Kumar, J. R., Reddy, M. B., & Prasad, D. D. (2025, July). Shrimp Disease Classification and Medicine Recommendation using Deep Learning Techniques. In 2025 International Conference on Innovations in Intelligent Systems: Advancements in Computing, Communication, and Cybersecurity (ISAC3) (pp. 1-6). IEEE. DOI: 10.1109/ISAC364032.2025.11156739.

13) **Naganjaneyulu, S.,** Geethika, A., Tejaswini, B., Shreyasi, P., Reddy, R. G., & Praveena, M. T. L. S. (2024, June). Integration of MobileNetV2 for Efficient Prediction of Coffee Leaf Disease in Precision Agriculture. In International Conference on Data Analytics & Management (pp. 405-415). Singapore: Springer Nature Singapore.

14) Sahith, R., Gaddam, S. R., Reddy, P. V., Ganesh, D., Kosuri, G. V., & Thanukula, **K. L.** (2025, August). Ultrasonic Bioacoustics and Deep Learning for Early Plant Disease Prediction. In 2025 3rd International Conference on Sustainable Computing and Data Communication Systems (ICSCDS) (pp. 1713-1718). IEEE. DOI: 10.1109/ICSCDS65426.2025.1116773.