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**Anupama Awati**

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**Vikrant Shende**

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**Aashish Gadgil**

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**Priyanka Joshi**

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**Nikhil Inamdar**

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**Dr. Manjunath Managuli**

Article

*Managuli, M., Bagyalakshmi, K., Malar, F.R.S., Rubia, J.J., Iderus, S. Artificial neural network-based intelligent sensor-based electronic nose for food applications, Indonesian Journal of Electrical Engineering and Computer Science, 2024, 36(1), pp. 163–173*

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*Managuli, M., Managuli, S.C., Pujar, S., ... Shanbhag, S., Deshpande, U., Recoverable Data Hiding in Encrypted Images Through Extent Reversing Before Inscription, Journal of The Institution of Engineers (India): Series B, 2024*

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*Prakash, D., Managuli, M., Spectrally efficient DWDM system using DQPSK modulation, Journal of Optical Communications, 2024*

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**Ramesh Koti**

Article

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*Koti, R.B., Kakkasageri, M.S., Pujar, R.S., Artificial neural network for safety information dissemination in vehicle-to-internet networks, ETRI Journal, 2023, 45(6), pp. 1065–1078*

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### **Dr. Uttam U Deshpande**

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### **Dr. Anil B. Gavade**

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**Anil B. Gavade**, Rajendra B. Nerli, Priyanka A. Gavade, Amey Kurade, Shridhar Sunilkumar Pol, Venkata Siva Prasad Bhagvatula, (Chapter -34) IoT-WSN-DT Based Medical Systems and Nanotechnology for Smart Cancer Care, Academic Press (In Press), July 2025

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### **Article**

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#### **Dr. Anupama Sanjay Awati**

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Jyothi, C.K., **Awati, A.**, Torse, D. , *2nd IEEE International Conference on Networks, Multimedia and Information Technology, NMITCON 2024*, 2024

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Bedekar, Kalyani Ashok, and **Anupama Sanjay Awati**. "Adaptive Coronavirus Mask Protection Algorithm Enabled Deep Learning for Brain Tumor Detection and Classification." In *International Advanced Computing Conference*, pp. 439-451. Cham: Springer Nature Switzerland, 2023.

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Bhilavade, Milind, Meenakshi R. Patil, K. S. Shivaprakasha, Lalita S. Admuthe, and **Anupama S. Awati**. "Image Inpainting for Fingerprint Reconstruction." In *2023 World Conference on Communication & Computing (WCONF)*, pp. 1-6. IEEE, 2023.

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#### **Dr. Bhagayashri Pandurangi**

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### **Aashish Gadgil**

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### **Pratijnya Ajawan**

Article

*Ajawan, P., Desai, V., Kale, S., Patil, S., Krishiq-BERT: A Few-Shot Setting BERT Model to Answer Agricultural-Related Questions in the Kannada Language, Journal of The Institution of Engineers (India): Series B, 2024, 105(2), pp. 285–296*

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*R. B. U., V. V. Desai, S. Kuri, P. S. Ajawan, S. K. Jha, and V. C. Patil, "Field-level sugarcane yield estimation utilizing Sentinel-2 time-series and machine learning," Indonesian Journal of Electrical Engineering and Computer Science, vol. 37, no. 1. Institute of Advanced Engineering and Science, p. 475, Jan. 01, 2025. doi: 10.11591/ijeecs.v37.i1.pp475-487.*

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### **Praveen Kalkundri**

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**Kalkundri, P.**, Guhilot, H., Ravi, K. , Soft Embedded Cores for FPGA, *Lecture Notes in Networks and Systems*, 2022, 321, pp. 895–905

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## **Sagar Santaji**

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## **P V Gopikrishna**

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**Power Management in FPGAs using a Temperature Aware Place and Route Methodology**

[Gopikrishna, P.V.](#), [Kulkarni, G.H.](#)

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**Impact on Voltage Stability with Integration of Multiple STATCOM at Different Loading Conditions**

[Magadam, R.B.](#), [Chitrakar, N.R.](#), [Dodamani, S.N.](#), [Gopikrishna, P.V.](#)

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[Gopikrishna, P.V., Kamath, H., Sogolad, P., Kulkarni, G.H.](#)

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**Nikhil Inamdar**

*Nikhil Inamdar, Manjunath Manguli “Optimized feature set in classification of plant leaves images using machine learning models” International Journal of Computing and Digital Systems Accepted in the journal will be published in next issue*

*Nikhil Inamdar, Manjunath Manguli “Enhanced Plant Species Classification Through Deep Feature Extraction from Leaf Images” International Journal of Image, Graphics and Signal Processing (IJIGSP) Under Review*

**Priyanka Joshi**

**Conference Paper**

Priyanka Joshi, Sheetal Deshmukh, Shivani Handigol- **“Intelligent detector: Detection of forest fires using LoRaWSN technology”**

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