

GOVERNMENT ENGINEERING COLLEGE BILASPUR (C.G.)

Department of Electronics & Telecommunication Engineering

Publication Details:

1. S. Yadav, "Cotton plant disease detection using advanced deep learning algorithms," *International Conference on Advanced Communication and Intelligent System*, Springer, 2024.
2. S. Yadav, "Bi-Keeper Arrangement with Isolated Contention Stage Technique for Domino Logic based Low Power High Fan-in OR Gates," *JOURNAL OF OPTOELECTRONICS LASER*, 2022, vol. 41, no. 5, pp. 7-19, doi: 10050086.2022.05.2.
3. S. Yadav, "Charge Sharing Tolerant Domino With Contention Current Partitioning For Wide Fan-In OR Logic Gates," *Webology*, 2021, vol. 18, no. 6, pp. 7127-7144.
4. S. Yadav, "AN AUTOMATIC SYSTEM FOR BRAIN TUMOUR DETECTION USING DEEP LEARNING TECHNIQUES," *Patent*, The Patent Office Journal No. 10/2024, 2024.
5. U. Dewangan, "A systematic review on cotton plant disease detection & classification using machine & deep learning approach," *IDICAIEI 2023*, IEEE, 2023, vol. 1, pp. 1-6.
6. U. Dewangan, "Systematic literature review on crop yield prediction using machine & deep learning algorithm," *ICAST 2022*, IEEE, 2022, pp. 654-661.
7. U. Dewangan, "Design of Attendance with Oxygen level Monitoring System (AOxyM)," *RDCAPE 2021*, IEEE, 2021, pp. 506-509.
8. U. Dewangan, "DESIGN AND IMPLEMENTATION OF SRAM ARCHITECTURE FOR MULTISTAGE RING OSCILLATOR PUF AND READ-CURRENT DISCHARGE-BASED PUF," *International Journal of Applied Mathematics*, IJAM, 2025, vol. 38, pp. 249-269, doi: <https://doi.org/10.12732/ijam.v38i1s.16>.
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11. U. Dewangan, "Development and analysis of stego image using discrete wavelet transform," *International Journal of Science and Research*, IJSR, 2013, vol. 1, pp. 142-148.
12. U. Dewangan, "FPGA IMPLEMENTATION OF MULTI-BAUD RATE UART PROTOCOL FOR DIGITAL CIRCUIT APPLICATIONS," *Stochastic Modeling & Applications*, Special Issue on Innovative Research in Management, Applied Science and Engineering, 2022, vol. 26, no. 3, pp. 843-853.

13. U. Dewangan, "Cotton plant disease detection using advanced deep learning algorithms," *International Conference on Advanced Communication and Intelligent System*, Springer, 2024.
14. U. Dewangan, "Key Board Assistant Device with Gesture Control Interface," *Patent*, The Patent Office, GOI, Patent Design No. 419117-001, 2024.
15. R. Gupta, "Satellite image classification method using ELBP and SVM classifier," *International Conference on Advances in Electrical, Communication and Sustainable Technologies (ICAECT)*, IEEE, 2021, pp. 1-6, doi: 10.1109/ICAECT49130.2021.9392509.
16. R. Gupta, "Charge Sharing Tolerant Domino With Contention Current Partitioning For Wide Fan-In OR Logic Gates," *Webology*, 2021, vol. 18, no. 6, pp. 7127-7144.
17. R. Gupta, "Bi-Keeper Arrangement with Isolated Contention Stage Technique for Domino Logic based Low Power High Fan-in OR Gates," *JOURNAL OF OPTOELECTRONICS LASER*, 2022, vol. 41, no. 5, pp. 7-19, doi: 10050086.2022.05.2.
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20. D. Bairagi, "Bi-Keeper Arrangement with Isolated Contention Stage Technique for Domino Logic based Low Power High Fan-in OR Gates," *JOURNAL OF OPTOELECTRONICS LASER*, 2022, vol. 41, no. 5, pp. 7-19, doi: 10050086.2022.05.2.
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28. A. R. Vaishnav, "A RECONFIGURABLE FREQUENCY SELECTIVE SURFACE (RISS) SYSTEM FOR DUAL-BAND MULTIFUNCTIONAL OPERATION," *Patent*, The Patent Office Journal, 2025.
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30. A. R. Vaishnav, "Broadband Wide Angle Polarization Conversion using Metasurface," *CG Journal of Science and Technology*, 2023.
31. R. Gupta, "Comparative study on various feeding techniques for rectangular microstrip patch antenna," *International Conference on Industrial Electronics and Electrical Engineering (ICIEEE)*, 2019.
32. R. Gupta, "Design of a compact triple-band frequency-tunable hexagonal grapheme antenna for THz devices using LSTNet-MOBO framework," *International Conference on computational intelligence and network systems (CINC 2025)*, 2025.
33. R. Gupta, "Satellite image classification method using ELBP and SVM Classifier," *International Conference on advances in electrical and electronics engineering (ICAECT)*, 2021.
34. S. Singh, "Design of a compact triple-band frequency-tunable hexagonal grapheme antenna for THz devices using LSTNet-MOBO framework," *International Conference on computational intelligence and network systems (CINC 2025)*, 2025.
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