

Dr. Dejey

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Journals

1. Ajay Amrit Raj and **Dejey**, “Adaptive Neuro-Fuzzy Inference System – based Nonlinear Equalizer for CO-OFDM Systems”, Oxford Academic – The Computer Journal, (2019), (DOI: 10.1093/comjnl/bxz072)
2. Nava Barathy and **Dejey**, “Two-level data aggregation for WMSNs employing a novel VBEAO and HOSVD”, Elsevier Computer Communications, 149 (2020), pp. 194-213. (DOI: 10.1016/j.comcom.2019.10.013).
3. Suganya Athisayamani and **Dejey** Dharma, “A Novel Video Coding Framework with Tensor Representation for Efficient Video Streaming”, Springer Wireless Personal Communications, Volume 109, Number 4, (2019), pp. 2699- 2717 .(DOI:10.1007/s11277-019-06704-4).
4. Ani Brown Mary N, **Dejey** Dharma , “A novel framework for real-time diseased coral reef image classification”, Springer, Multimedia Tools and Applications, (2018), pp 1–39 (DOI:10.1007/s11042-018-6673-2).
5. Jeyabharathi and **Dr. Dejey**, “Cut set based Dynamic Key frame selection (CDK) and Adaptive Layer based Background Modeling (ALBM) for Background Subtraction”, Elsevier Journal of Visual Communication and Image Representation, Volume 55, August (2018), pp. 434-446 (DOI: [10.1016/j.jvcir.2018.06.024](https://doi.org/10.1016/j.jvcir.2018.06.024)).
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10. Jeyabharathi and **Dr. Deje**y, “New Feature Descriptor: Extended Symmetrical – Diagonal Hexadecimal Pattern (ES-DHP) for efficient Background Subtraction and Object Tracking”, Elsevier Computers and Electrical Engineering, Volume 66, (2018), pp. 454-473.
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12. Suganya and **Dr. Deje**y, ” Compact Video Content Representation for Video Coding using Multi-Linear Tensor Rank Approximation with Dynamic Core Tensor Order”, Springer Computational and Applied Mathematics, Volume 37, Issue 3, July (2018), pp.3708 – 3725 (DOI: [10.1007/s40314-017-0539-5](https://doi.org/10.1007/s40314-017-0539-5)).
13. Magdaline Eljeeva Emerald F, Manjunatha M, Heartwin A. Pushpadass, Manimala K, **Deje**y and Surendra Nath, “Soft Computing Modelling for Predicting Moisture Transfer During Baking of Chhana Podo”, 26th ICFoST Indian Convention of Food Scientists and Technologists – Food and Nutrition Challenges: Role of Food Science and Technology @ CSIR-Indian Institute of Chemical Technology, Hyderabad, December 7-9, 2017, pp.177.
14. Sherly Alphonse and **Deje**y, “A Novel Monogenic Directional Pattern (MDP) and Pseudo-Voigt Kernel for facilitating the identification of Facial Emotions”, Elsevier Journal of Visual Communication and Image Representation, Volume 49, (2017), pp. 459 – 470 (DOI: 10.1016/j.jvcir.2017.10.008).
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19. Kanthimathi and **Deje**y, “Void Handling using Geo-Opportunistic Routing in Underwater Wireless Sensor Networks”, Elsevier Computers and Electrical Engineering, Volume 64, (2017), pp. 365 – 379.

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5. A. S. Hazina Fathima and **Dr. Deje**, "Smile Detection using Ensemble of Features", Proc. of DRDO sponsored National Conference on Advances in Computing and Information Technology, April 2013, pp. 7-11.
6. C. Abinaya and **Dr. Deje**, "Medical Ultrasound Image Compression using FF-LBG Algorithm", Proc. of DRDO sponsored National Conference on Advances in Computing and Information Technology, April 2013, pp. 90-94.
7. R. Bhogal Adithya and **Dr. Deje**, "Gaussian Mixture Model based Brain MR Image Segmentation", Proc. of DRDO sponsored National Conference on Advances in Computing and Information Technology, April 2013, pp. 139-145.
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