

Dr. D. Deepa,
Professor,
Department of Electronics and Communication Engineering,
Bannari Amman Institute of Technology,
Sathyamangalam.
Erode-638401
ddeepa@bitsathy.ac.in
Mobile No: 9942912613

Area of Specialization: Signal and Image Processing

Journal Publications:

1. Prof.S.Sundaramurthy, **Dr. D. Deepa**, P.Abinaya, V. L. Sangameshwari, "Driver Drowsiness Detection system" International Journal of Applied Engineering Research (IJAER), Special Issue, Volume 10, No.9 (2015), pp.8246-8250.
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3. Shyamala P, **Deepa D**, "A Survey on Untrusted Location-Based Service Providers using Secure Spatial Top-K Query Processing" International Journal for Research in Applied Science and Engineering Technology (IJRASET), ISSN 2321-9653, Volume 3, Issue X, October (2015), pp.468-471. (<http://www.ijraset.com/files/serve.php?FID=3465>)
4. **Dr.D. Deepa**, P. Shyamala, 'Identification of Fake Location Based Service Providers Using Secure Abstraction of Top-K Query Processing', *South Asian Journal of Engineering and Technology*, ISSN No: 2454-9614, Volume 2 No.17, Pg 251-257, March 2016
5. **Dr.D.Deepa**, P.Shyamala, 'Explore and Securing the Spatial Queries of Location Based Services over Public channel', *IEEE Xplore Digital Library (Accepted for Publication)*.

6. **Dr.D. Deepa, R. Priyanga,**”
DETECTION AND ANALYSIS OF CARCINOMA BY IMAGE PROCESSING PROVIDING EFFICIENT CLINICAL DIAGNOSIS”, International Journal of Science Technology & Management (ISSN-2394-1537), Volume 05, Issue No. 01, January 2016.

7. **Dr. Deepa D,** Dr. Poongodi C, " *Speech Enhancement Using Dual Transform-Normalized LMS Algorithm for Speech Recognition Application*", International Journal of Advance Research, Ideals and Innovations in Technology, Pg-729-735, ISSN: 2454-132X, Volume 3, Issue 4, August 2017

8. Dr. C. Poongodi , **Dr. D. Deepa** , M. Renuga Devi and N. Sasireka , " *Performance Analysis of MIMO System using Space Division Multiplexing Algorithms*" , International Journal of Electrical and Electronics Engineers, Pg-729-735, ISSN: 2321-2055, Volume 9, Issue 2, July- December 2017

9. A Kodieswari , **Dr. D. Deepa** , S. Sabarish Kumar, "FRAMINGHAM RISK SCORE CALCULATOR", International Journal of Advanced Research in Science and Engineering, Pg 772-781, ISSN(O):2319-8354, Volume 6, Issue 9, September 2017.

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11. **Dr. D. Deepa.** Dr. C. Poongodi, Dr. M. G. Sumithra, " Performance Analysis of Dual channel *Speech Enhancement method with DCT and Hadamard Transforms using Normalized Lattice Recursive Least Square algorithm*" International Journal of Advanced Research in Science and Engineering, Pg 1887- 1895, ISSN(O):2319-8354, Volume 6, Issue 10, October 2017. http://www.ijarse.com/images/fullpdf/1508938574_3043_IJARSE.pdf.

12. Mohana Kannan Loganathan, **Deepa.D**, "Performance Analysis of FIR Filter design for Secure Applications-A Review", International Journal of Advanced Information in Engineering Technology (IIAIET) Vol.5, No.3, March 2018, ISSN: 2454-6933 , pg: 11 to

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13. **Dr. D. Deepa**, Dr. C. Poongodi, " *SUBBAND APPROACH OF SPEECH ENHANCEMENT USING THE PROPERTIES OF HUMAN AUDITORY SYSTEM FOR DIGITAL HEARING AID*" International Journal of Pure and Applied Mathematics, Volume 119 No. 18 2018, 2259-2272, ISSN: 1314-3395 (on-line version),url: <http://www.acadpubl.eu/hub/>

14. Girija Vasumathi G G, **Dr. D. Deepa**, " *A Survey on Localization algorithms in Wireless Sensor Networks*" International Journal of Pure and Applied Mathematics Volume 119 No. 18 2018, 2437-2448, ISSN: 1314-3395 (on-line version) url: <http://www.acadpubl.eu/hub/>

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17. L Mohana Kannan, **D. Deepa**, "High Speed and Low Complexity Segmented Finite Impulse Response (FIR) Filter Design Using Variable Size Partitioning Radix-2r Based MCM", Oxidation Communications Vol.42, No.2, (2019), ISSN: 0209-4541 , pg: 237 to 248. <https://www.luminpdf.com/viewer/5e2c06cfca92b40017d58647>

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20. Dr. D. Deepa, Dr. M. Abdullah, Ms. R. S. Deepalakshmi, Ms. S. Swetha and Ms. P. G. Praveena, "Analysis of Land Area in Satellite Images using Hyperspectral Remote Sensing Concept", IJSRD - International Journal for Scientific Research & Development| Vol. 7, Issue 12, 2020 | ISSN (online): 2321-0613, Pg. No. 706-709. <http://www.ijssrd.com/articles/IJSRDV7I120300.pdf>
21. Dr. D. Deepa, Ms. P. Vaishnavi and Ms. P. Yogeswari, " Rice Grain Classification and Analysis using Image Processing", IJSRD - International Journal for Scientific Research & Development| Vol. 7, Issue 12, 2020 | ISSN (online): 2321-0613, Pg. No. 706-709. <http://www.ijssrd.com/articles/IJSRDV7I120475.pdf>
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