## FACULTY PROFILE FOR WEBSITE

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| Name | : | **Dr. JEYACHIDRA J** |
| Designation | | Associate Professor & Head |
| Department | | Computer Science and Applications |
| Educational Qualification | | M.C.A., Ph.D |
| Subject of Interest | : | Data Mining, Big Data Analytics, Medical Image Analysis, Machine Learning, Wireless Sensor Networks. |
| Publications : | : | 1. **Ruby D & Jeyachidra J, (2020), "**Hierarchical Classification of Time Series Data Aggregation in Underwater Wireless Sensor Networks, Underwater Technology, Society for Underwater Technology. doi:10.3723/ut.37.053 Underwater Technology, Vol. 37, No. 2, pp. 53–64, July 2020.<br><br>2. **Ruby D & Jeyachidra J (2020),"**An Enhancement of Data Aggregation algorithms to minimize the consumption of Energy for Underwater Wireless Sensor Networks submitted to Proceedings of the National Academy of Sciences, India Section A: Physical Sciences, Springer **(Under Review).**<br><br>3. **Ruby D & Jeyachidra J, (2019)**,"Semaphore Based Data Aggregation and Similarity Findings for Underwater Wireless Sensor Networks, International Journal of Grid and High Performance Computing", 11. 59-76. 10.4018/IJGHPC.2019070104.<br><br>4. **Sajithunisa H, Jeyachidra J, 2019,** "The Role of E-Learning And Personal hygiene in Comparison Between Rural and Urban Areas: A Systematic Literature Review, International Journal of Research and Analytical Reviews, Volume 6, Issue 1,E-ISSN 2348 –1269, Print ISSN :2349-5138.<br><br>5. **Ruby D & Jeyachidra J, (2019),** "An Analysis of Repository and Similarity Measures in Meteorological Data of Underwater Wireless |

Sensor. 964-968.  10.1109/ICECA.2019.8822008, IEEE Access.

6. **Muralitharan M, Jeyachidra J, 2018, "**Semantic Classification of Medical records using Quotation Terms" , International Journal of Pure and Applied Mathematics, Vol.119,No.15, Dec. 2018,PP. 3453-3459. ISSN: 1314-3395(on-line)ISSN:1311-8080(print).

7. **Muralitharan M, Jeyachidra J, 2018,** "Heterogeneous Knowledge approach for retrieving medical data", Mathematical Sciences International Research Journal, Vol. 7, issue-7.

8. **Ruby D & Jeyachidra J, (2018)**, "Architecture, Routing Protocols and Data Aggregation in Underwater Wireless Sensor Networks -A Review Based Description", International Journal of Applied Engineering Research. 13. 6325-6331.

9. **Jeyachidra J, Punithavalli M, 2015**, "A Novel Distinguishability Based Weighted Feature Selection Algorithms  For Improved Classification of Gene Microarray Dataset", Journal of Computer Science, ISSN No. 1552-6607, DOI:10.3844/jcssp.2015.443.452,Vol. 11, Issue-2, pp: 443-452.

10. **Jeyachidra J, Punithavalli M, 2013**, "A Study on Statistical Based Feature Selection Methods For Classification of Gene  Microarray Dataset", Journal of Theoretical and Applied Information Technology, ISSN :1992-8645E-ISSN: 1817-3195, pp: 107 to 114,Vol. 53, Issue No. 1.

11. **Jeyachidra J, Punithavalli M, 2013**, "An Investigation Into  The Impact of Feature Selection Algorithms For Classification of Gene Expression Profiles of Microarray Dataset", International Journal of Scientific and Engineering Research, ISSN : 2229-5518,Vol. 4, Issue . 9, Pp: 2395 to 2402.

12. **Jeyachidra J, Punithavalli M, 2013**, "Distinguishability based Weighted Feature Selection Algorithms for Classification of Gene Microarray Dataset", International Journal of Engineering, Science and Innovative Technology, ISSN :2319-5967, Vol. 2, Issue 6,pp :

171-183

13. **Jeyachidra J, Punithavalli M, 2013**, "Distinguishability Based Weighted Feature Selection Using Column Wise k Neighborhood (DWFS-CKN) For The Classification of Gene Microarray Dataset", American Journal of Applied Sciences, ISSN No. 1546-9239, DOI : 10.3844/ajassp.2014.1.7, Volume 11, Issue-1, pp : 1-7

14. **Jeyachidra J, Punithavallai M, 2012**,"An Evaluation of the Performance and Characteristics of  Feature Selection Algorithms using  Gene Microarray Data Set", European Journal of Scientific Research, 1450-216X, Vol. 93, Issue No. 2, pp: 214 to 225

## IEEE International Conference (Scopus Indexed)

1. **Illavarason.P,  Jeyachidra J, 2020,** "A Comprehensive Study of Imaging and Machine Learning Techniques for Diagnosis the Disease", EAI/Springer Innovations in Communication and Computing, ISSN: 2522-8595, **(Scopus Indexed), (Status-Accepted).**

2. **Ruby D, Jeyachidra J, 2019,** "An Analysis of Repository and Similarity Measures in Meteorological Data of Underwater Wireless Sensor", International Conference on Electronics and Communication and Aerospace Technology [ICECA 2019].Published in IEEE Xplore, RVS Technical Campus, Coimbatore.

3. **Nithya B, Jeyachidra J, 2018,**  "Survey of Localization Techniques on Homogeneous and Heterogeneous Wireless Sensor Networks – A Brief Study", International Conference on Computer Science, Industrial Electronics(ICCSIE) held at New Delhi, India on 19th August, 2018 and  Published in Digital Xplore of  Institute of Research and Journals.

4. **Jeyachidra J, Punithavalli M , 2013**, "A Comparative Analysis of Feature Selection Algorithms on Classification of Gene Microarray Dataset", IEEE Sponsored International Conference on Information, Communication and Embedded Systems " ICICES 2013", S.A Engineering College, Chennai.

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| | | National -- |
| Funded Projects | : | --- |
| Patents | : | --- |
| National Seminar Grant Received | : | Received the amount of **Rs-2,50,000**/- from **ICSSR** to organize the National Seminar from 3.12.2019 to 5.12.2019. |
| Awards and Achievements | | <ul><li>Received "**Best Teacher Award**" for the Year 2003-2004 of Periyar Maniammai College of Technology For Women, Vallam-613 403.</li><li>Received "**Best NSS Programme Officer Award**" for the year 2005-2006, NSS Scheme, Anna University, Chennai – 600 025</li><li>Received Certificate of Appreciation for "16TH ISTE Students National Annual Convention" for the year 2013 – 2014.</li></ul> |
| Google Scholar Link | : | scholar.google.com/citations?hl=en&user=lglNQoEAAAAJ&view_op=list_works&gmla=AJsN-F6R3Slh-wrtNXOtnsp3spBXMYVaH0t_Rp1malqVY3nDPWB |
| Contact Address | : | **Dr. JEYACHIDRA J**<br>Department of Computer Science and Applications<br>Periyar Maniammai Institute of Science and Technology<br>Periyar Nagar, Vallam-613 403. Thanjavur, Tamilnadu, India.<br>E Mail : chithu_raj@pmu.edu,<br>Phone No : +91-9894392193. |