FACULTY PROFILE FOR WEBSITE

Name	:	**Ms.RUBY.D**	
Designation		Assistant Professor(SS)	
Department		Computer Science and Applications	
Educational Qualification		M.C.A., M.Phil, (Ph.D)	
Subject of Interest	:	Computer Networks, Wireless Sensor Networks, Data Analytics	

Publications : :

International Journals:

1. Durairaj, Ruby & J, Jeyachidra. (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.

2. Durairaj, Ruby & J, Jeyachidra. (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.

3. D, Ruby & J, Jeyachidra. (2019). An Analysis of Repository and Similarity Measures in Meteorological Data of Underwater Wireless Sensor. 964-968. 10.1109/ICECA.2019.8822008.IEEE Access.

4. Durairaj, Ruby & J, Jeyachidra. (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.

5. Durairaj, Ruby & J, Jeyachidra. (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 (**UnderReview**).

6. Krishnaveni S and Ruby D. (2016). Comparing and Evaluation the Performance of Inter Process Communication Models in Linux Environment. International Journal of Trend in Research and Development, 51-55

International Conference:

1. Presented a paper on "Generalized load sharing for Kerrighed Linux – SSI Distributed Operating System" in the International Conference on "Global Business and Policy Modelling" organized by Adaikalamatha Institute of Management, Vallam from 21.09.2006 to 22.09.2006.

2. Presented a paper on "IT Led Business process Management in the Financial Service Industry" in International Conference on Impact of Global Financial Crisis organized by Gnanamani Educational Institutions on 30.10.2009.

3. Presented a paper on "An Analysis of Repository and Similarity Measures in Meteorological Data of Underwater Wireless Sensor" in IEEE sponsored 3rd International Conference on Electronics, Communication and Aerospace Technology (ICECA) organized by RVS Technical Campus, Coimbatore from 12.06.2019 to 14.06.2019.

4. Presented a paper on "Survey of Data Aggregation Techniques in Wireless Sensor Networks" in International Conference on Innovative Technologies in Electronics and Health Care organized by Periyar Maniammai Institute of Science & Technology from 12.03.2019 to 13.03.2019.

National Conference:

1. Presented a paper on "Knowledge Management" in the 8th Annual Convention – ISTE on the theme of "Innovations in Engineering Education – Trends and Focus organized by PSNA College of Engg. & Tech, Dindigul from 28.10.2005 to 29.10.2005.

2. Presented a paper on "Peek Connectivity Using VRML in Rural Areas" in the National Level Conference on "Advances in Computer and

		Communication" organized by the Dept. of ECE, NCACC-05, PMCTW, Vallam from 15.04.2005 to 16.04.2005.
		3. Presented a paper on "Host Based Intrusion Detection Systems" in National Level Conference on "SACOEFERENCE" organized by the Si.Pa.Aditanar College of Engg. Tiruchendur from 18.08.2005 to 19.08.2005
		4. Presented a paper on "Innovative Approaches To Vocational Education for Poverty Alleviation" in the 36th ISTE Annual Convention and National Seminar Sponsored by AICTE organized by the Bannari Amman Institute of Technology, Sathyamangalam from 14.12.2006 to 16.12.2006.
		5. Presented a paper on "Imparting Quality Technical Education through Advancement in Technical Education" in National Level Convention-ISTE, VIBRANZ'06 organized by Mepco Shlenk Engg College, Sivakasi on 30.09.2006.
		6. Presented a paper on "IT in Education" in the 37th ISTE Annual Convention and National Seminar organized by Manipal Institute of Technology, Manipal with ISTE on the theme of "Excellence in Technical Education Through Innovation" from 17.12.2007 to 19.12.2007.
		7. Presented a paper on "Role of Alumni in Strengthening Technical Education" in the 37th ISTE Annual Convention and National Seminar organized by Manipal Institute of Technology, Manipal with ISTE on the theme of "Excellence in Technical Education Through Innovation" from 17.12.2007 to 19.12.2007.
		8. Presented a paper on the "RBTC topology control algorithm in Adhoc Networks" in National Level Conference on "Recent Trends in IT" organized by KGSIL Information Technology, Coimbatore on 15.02.2008.
		9. Presented a paper on "Performance Investigation of Interprocess communication Mechanisms in Linux Environment" in the 4th National Conference on Recent Trends in Communication, Electronics and Information Technology (NACTECIT 10) organized by CMR Institute of Technology from 23.04.2010 to 24.04.2010.
Funded	:	---

Projects		
Patents	:	---
Awards and Achievements	:	• Received "Best Outstanding Teacher Award" for the Year 2005-2006 of Periyar Maniammai College of Technology For Women. • Received "Calcutta Convention National Award (Engineering College Teachers)" 2007 for the paper best technical paper entitled "Innovative Approaches to vocational education for poverty alleviation" presented during the 36th annual convention of ISTE held at Bannari Amman institute of technology, Sathayamangalam during 14th, 15th December 2007. • Received "Meritorious Certificate for the Development of Software on "Student Feedback System" for the year 2007 – 2008.
Google Scholar Link	:	https://scholar.google.co.in/citations?user=Mp-a6YwAAAAJ&hl=en
Contact Address	:	**Ms. RUBY D** Department of Computer Science and Applications Periyar Maniammai Institute of Science and Technology Periyar Nagar, Vallam-613 403. Thanjavur, Tamilnadu, India. E Mail : rubymca@pmu.edu Phone No : +91-9944949572.