

## Dr.J.G.R.SATHIASEELAN

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Bishop Heber College,  
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### Qualification

Degree	Branch	Institution / University	Year of Passing
Phd	Computer Science	St.Joseph College	2013
MSc	Computer Science	Bishop Heber College	1989
BSc	Computer Science	Bishop Heber College	1987

### Ph.D. Details

Title of Thesis	Area of Specialization	Research Centre	Year of Award
Multi-Level Secure Architecture For Composite Webservices using public Key Infrastructure level	Web Services	St. Josephs College, Trichy	February 2013
Research Supervisor			

### Work Experience

Name of Institution	Address of Institution	Designation	From	To
Bishop Heber College(Autonomous)	Puthur, Vayalur Road, Tiruchirappalli-620017.	Associate Professor & Head	09/03/1990	Till Date

### Teaching / Research Experience

U.G. : 29      P.G. : 29      M.Phil. : 5      Ph.D. : 6

### Research Guidance

U.G. : 29      P.G. : 29      M.Phil. : 5      Ph.D. : 6

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8.	<b>Resource Person</b>	0
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11.	<b>Patent</b>	0
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14.	<b>M.Phil. / Ph.D. Produced</b>	0 / 0

### CONFERENCES / WORKSHOPS / SEMINARS ATTENDED

- 1

1. International level Conference on **"ICCIT 2009"** sponsored by ACM organized by ACM at SEOUL(SOUTH KOREA) during 01/11/2009 to 01/11/2009.

1. **"Secure Architecture for Integrated Web Services"** in the International conference on *ICCSM* sponsored by IEEE, organized by IEEE at Philippines during 15/12/2010 to 15/12/2010.
2. **"Secure Framework for Composite Web Services"** in the International conference on *ICIMT* sponsored by IEEE, organized by IEEE at Hong Kong during 06/12/2010 to 06/12/2010.
3. **"Multi-Level Secure Architecture for Distributed Integrated Web Services"** in the International conference on *ICCSIT* sponsored by IEEE, organized by IEEE at China during 22/07/2010 to 22/07/2010.
4. **"Secure Framework for Academia using Composite Web Services"** in the International conference on *SEEC* sponsored by , organized by at during 11/11/2009 to 11/11/2009.
5. **"Multi-Level Secure Framework(MLSF) for Composite Web Services"** in the International conference on *ICCIT 2009* sponsored by ICCIT 2009, organized by ACM at Seoul (South Korea) during 11/09/2009 to 11/09/2009.



1. **"An Exploratory of Hybrid Techniques on Deep Learning for Image Classification"** published in 4th International Conference on Computer, Communication and Signal ... (CONFERENCE PROCEEDING) Vol. , Issue No. , September 2020 ISSN : 978-1-7281-6510-3.
2. **"A Novel Profuse Clustering Technique for Image Denoising"** published in Procedia Computer Science (CONFERENCE PROCEEDING) Vol. , Issue No. , December 2018 ISSN : 1877-0509.
3. **"A Novel Profuse Clustering Technique for Image Denoising"** published in Procedia Computer Science (CONFERENCE PROCEEDING) Vol. , Issue No. , December 2018 ISSN : 1877-0509.
4. **"A Novel Profuse Clustering Technique for Image Denoising"** published in Procedia Computer Science (CONFERENCE PROCEEDING) Vol. , Issue No. , December 2018 ISSN : 1877-0509.
5. **"A HYBRID ALGORITHM FOR MINING FREQUENT ITEMSETS IN TRANSACTIONAL DATABASES."** published in IEEE International Conference on Power, Control, Signals (CONFERENCE PROCEEDING) Vol. 9, Issue No. 1, February 2018 ISSN : 978-93-5300-455-2.
6. **"Hybrid approach for image segmentation using region splitting and clustering techniques"** published in International Conference on Circuits and Systems in Digital Enterprise ... (E-JOURNAL) Vol. , Issue No. , January 2018 ISSN : 978-1-5386-0577-6.
7. **"An enhanced constraint based technique for frequent itemset mining in transactional databases"** published in International Journal of Engineering & Technology (E-JOURNAL) Vol. 7, Issue No. , January 2018 ISSN : ---.
8. **"An Enriched Quality Metrics for Rate Control Algorithm Using H. 264/AVC"** published in International Journal on Intelligent Electronic Systems (E-JOURNAL) Vol. 12, Issue No. 1, January 2018 ISSN : ---.
9. **"Contrast enhancement of grayscale and color images using adaptive techniques"** published in International Journal of Engineering and Technology (SELECT) Vol. , Issue No. , January 2018 ISSN : 2227-524X.
10. **"An enhanced constraint based technique for frequent itemset mining in transactional databases"** published in International Journal of Engineering & Technology (E-JOURNAL) Vol. 7, Issue No. , January 2018 ISSN : ---.
11. **"A Hybrid Approach for Improving the Classification Accuracy by using Proposed EKNN and ACART Algorithm"** published in International Journal of Pure and Applied Mathematics (E-JOURNAL) Vol. 118, Issue No. 7, January 2018 ISSN : 1314-3395.

12. **"Text mining: Survey on techniques and applications"** published in Int. J. Sci. Res. (SELECT) Vol. , Issue No. , June 2017 ISSN : 2319-7064.
13. **"SEGMENTATION OF LUNG MALIGNANT CANCER TISSUES USING PCA AND ACART METHOD IN MR IMAGES FOR HUGE DATA SET."** published in Journal of Theoretical & Applied Information Technology (E-JOURNAL) Vol. 95, Issue No. 6, March 2017 ISSN : ---.
14. **"An Explorative Study on Sentiment Analysis"** published in World Congress on Computing and Communication Technologies (WCCCT) (CONFERENCE PROCEEDING) Vol. , Issue No. , February 2017 ISSN : ---.
15. **"Evolutionary clustering algorithm using criterion-knowledge-ranking for multi-objective optimization"** published in Wireless Personal Communications (E-JOURNAL) Vol. , Issue No. , January 2017 ISSN : ---.
16. **"Performance Exploration of Discrete Wavelet Transform with SPIHT for using Video Compression Techniques."** published in International Journal on Intelligent Electronics Systems (SELECT) Vol. , Issue No. , January 2017 ISSN : ---.
17. **"Detection and classification of lung cancer MRI images by using enhanced k nearest neighbor algorithm"** published in Indian Journal of Science and Technology (E-JOURNAL) Vol. 9, Issue No. , November 2016 ISSN : 0974-5645.
18. **"Detection and classification of lung cancer MRI images by using enhanced k nearest neighbor algorithm"** published in Indian Journal of Science and Technology (E-JOURNAL) Vol. 9, Issue No. , November 2016 ISSN : 0974-5645.
19. **"Outlier detection using enhanced k-means clustering algorithm and weight-based center approach"** published in Int. J. Comput. Sci. Mobile Comput (E-JOURNAL) Vol. 5, Issue No. 4, April 2016 ISSN : 2320-088X.
20. **"A Lossy Adaptive Multiwavelet Transform for High Quality Compression Ratio Using Medical Endoscopic Video"** published in International journal of computer science and mobile computing (E-JOURNAL) Vol. 5, Issue No. 4, April 2016 ISSN : 2320-088X.
21. **"A Lossy Adaptive Multiwavelet Transform for High Quality Compression Ratio Using Medical Endoscopic Video"** published in International journal of computer science and mobile computing (E-JOURNAL) Vol. 5, Issue No. 4, April 2016 ISSN : 2320-088X.
22. **"A Lossy Adaptive Multiwavelet Transform for High Quality Compression Ratio Using Medical Endoscopic Video"** published in International journal of computer science and mobile computing (E-JOURNAL) Vol. 5, Issue No. 4, April 2016 ISSN : 2320-088X.
23. **"AN IMPLEMENTATION OF EIS-SVM CLASSIFIER USING RESEARCH ARTICLES FOR TEXT CLASSIFICATIO"** published in ICTACT JOURNAL ON SOFT COMPUTING (E-JOURNAL) Vol. 06, Issue No. 03, April 2016 ISSN : 2229-6956.

24. **"Optimal Time Bound Ad-Hoc Ondemand Distance Vector Routing Protocol (OpTiB-AODV)"** published in International Journal of Computer Applications (E-JOURNAL) Vol. 140, Issue No. , April 2016 ISSN : 0975 – 8887.
25. **"A Lossy Adaptive Multiwavelet Transform for High Quality Compression Ratio Using Medical Endoscopic Video"** published in International journal of computer science and mobile computing (E-JOURNAL) Vol. 5, Issue No. 4, April 2016 ISSN : 2320–088X.
26. **"Lossy image compression using singular value decomposition and discrete wavelet transform"** published in International Journal of Control Theory and Applications (SELECT) Vol. , Issue No. , January 2016 ISSN : ---.
27. **"Multi-Objective Optimization Algorithm to the Analyses of Diabetes Disease Diagnosis"** published in International Journal of Advanced Computer Science and Applications (E-JOURNAL) Vol. 7, Issue No. , January 2016 ISSN : ---.
28. **"A Lossy Adaptive Multiwavelet Transform for High Quality Compression Ratio Using Medical Endoscopic Video"** published in (SELECT) Vol. , Issue No. , January 2016 ISSN : ---.
29. **"An enhanced k nearest neighbor method to detecting and classifying MRI lung cancer images for large amount data"** published in Int. J. Appl. Eng. Res (E-JOURNAL) Vol. 11, Issue No. 6, January 2016 ISSN : 0973-4562.
30. **"Comparison of DCT and DWT image compression"** published in International Journal of Emerging Trends in Science and Technology, (E-JOURNAL) Vol. 5, Issue No. 4, January 2016 ISSN : 2320–088X.
31. **"An empirical study on multi-objective genetic algorithms using clustering techniques"** published in International Journal of Advanced Intelligence Paradigms (E-JOURNAL) Vol. 8, Issue No. 3, January 2016 ISSN : ---.
32. **"Early Detection of Cancer in MRI Lung Images using Classification and Regression Tree (CART) Method"** published in I J C T A (E-JOURNAL) Vol. , Issue No. , January 2016 ISSN : ---.
33. **"A Comparative Study of Data Mining Algorithms for Image Classification"** published in International Journal of Education and Management Engineering (E-JOURNAL) Vol. , Issue No. , June 2015 ISSN : ---.
34. **"An enhanced K-means genetic algorithms for optimal clustering"** published in IEEE International Conference on Computational Intelligence (E-JOURNAL) Vol. , Issue No. , January 2014 ISSN : ---.
35. **"Secure Framework for Composite Web Services"** published in International Conference on Information and Multimedia Technology (SELECT) Vol. , Issue No. , December 2010 ISSN : ---.

36. **"Architecture for Integrated Web Services"** published in International Conference on Computer and Software Modeling (CONFERENCE PROCEEDING) Vol. , Issue No. , December 2010 ISSN : ---.
37. **"Multi-Level Secure Framework for Composite Web Services"** published in ACM International Conference on Computer Science and Convergence Information Technology (SELECT) Vol. 2, Issue No. , November 2009 ISSN : ---.
38. **"Secure Framework for Integrated Web Services"** published in Elsevier (E-JOURNAL) Vol. , Issue No. , January 1900 ISSN : 1877-7058.
39. **"MLSF:A Framework for Multi-Level Secure Composite Web Services"** published in International Journal on Advances in Information Sciences and Service Sciences (E-JOURNAL) Vol. 2, Issue No. 4, January 1900 ISSN : 1976-3700.  
Impact factor , Scopus Index , h - index 19, Citation index
40. **"Secured Framework for Academia using Composite Wen Services"** published in International Conference on Semantic E-Bussiness and Enterprise Computing Proceedings (SELECT) Vol. , Issue No. , January 1900 ISSN : ---.
41. **"Multi-Level Secure Architecture for Distributed Integrated Web Services"** published in International Conference on Computer Science and Information Technology Proceedings (SELECT) Vol. 8, Issue No. , January 1900 ISSN : ---.
42. **"Comparison of Classifiers to Predict Classification Accuracy for Soil Fertility"** published in International Journal of Advanced Studies of Scientific Research (IJASSR (E-JOURNAL) Vol. 3, Issue No. 9, January 1900 ISSN : ---.

#### Books Published / Edited

- 1

- \* J. G. R. Sathiaselvan . **Programming with C#.NET**. New Delhi : PHI Learning Pvt. Ltd., , January 2009.

**Signature of Staff**  
**(J.G.R.SATHIASSEELAN)**