

Faculty Profile of Dr. S. Vijayarani



Dr. S. Vijayarani
Associate Professor
Department of Computer Science

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Research Area

- Data Mining
- Big Data Analytics
- Data Streams

Education & Career

Education

Ph. D.

Subject : Computer Science

Institution : Mother Teresa Women's University

Affiliated University : Mother Teresa Women's University, Kodaikanal

Year of Award : 2013

M.Phil.,

Subject : Computer Science

Institution : Bharathidasan University

Affiliated University : Bharathidasan University

Year of Award : 2004

M.C.A.

Subject: Computer Applications

Institution : Indira Gandhi National Open University

Affiliated University : Indira Gandhi National Open University

Year of Award : 2001

B. Sc.,

Subject: Mathematics

Institution: Annamalai University

Affiliated University: Annamalai University, Chidambaram

Year of Award: 1996

Career**At Bharathiar University (Reverse Order)**

Assistant Professor : from 23.1.2008 to Till Date

Past Experience

Computer Programming Assistant : from 31.7.1997 to 22.1.2008
at Government Arts College, Salem – 636007

Awards**Membership**

Visits

Collaborators

Others

Projects

Funded Projects (National Level)

- [Ongoing](#)
- [Completed-01](#)

1. An Efficient Technique for Privacy Preserving Data Mining Principal Investigator

University Grants Commission 2010 – 2012

Rs. 1.62 Lakhs

<https://www.b-u.ac.in/Home/UGCProjects>

Consultancy Projects

- [Ongoing](#)
- [Completed](#)

Ongoing Consultancy Project Informations

Completed Consultancy Project Informations

Research Guidance

- [Post Doc.](#)
- [Ph.D.](#)
- [M.Phil.](#)
- [M.Sc.](#)

Ongoing

Title

Name

Completed

Title

Name

Ongoing

Sample Data.

Completed

Sample Data.

Ongoing

Sample Data.

Completed

Sample Data.

Ongoing

Sample Data.

Completed

Sample Data.

Research Publication

- [International](#)
- [National](#)
- [Patents](#)
- [Conferences](#)
- [Books / Chapters](#)
- [Database](#)

1. [K-Anonymity Techniques – A Review](#)

S. Vijayarani, Dr. A. Tamilarasi

International Journal of Computer Science and Applications, Issue 1, 170-177 (2010)

2. [An Efficient K-Anonymity Technique](#)

S. Vijayarani, Dr. A. Tamilarasi

International Journal of Data Mining Knowledge Engineering, 2, 117-122 (2010)

3. Evaluating Clustering Performance for the Protected Data Using Perturbative Masking Techniques in Privacy Preserving Data Mining

S. Vijayarani, Dr. A. Tamilarasi

International Journal of Computer and Network Security, 2, 145-149 (2010)

4. [Bit Transformation Perturbative Masking Technique for Protecting Sensitive Information in Privacy Preserving Data Mining](#)

S. Vijayarani, Dr. A. Tamilarasi

International Journal of Database Management Systems, 2, 107-114 (2010)

5. [Data Transformation Technique for Protecting Private Information in Privacy Preserving Data Mining](#)

S. Vijayarani, Dr. A. Tamilarasi

Advanced Computing: An International Journal, 1, 1-9 (2010)

6. [A New Technique for Protecting Sensitive Data and Evaluating Clustering Performance](#)

S. Vijayarani, Dr. A. Tamilarasi, N. Murugesh

International Journal of Information Technology Convergence and Services, 1, 7-18 (2011)

7. [Tabu Search Based Association Rule Hiding](#)

S. Vijayarani, Dr. A. Tamilarasi, R. Seetha Lakshmi

International Journal of Computer Applications, 19, 12-18 (2011)

8. [Comparative Analysis of Masking Techniques in Privacy Preserving Data Mining](#)

S. Vijayarani, Dr. A. Tamilarasi, N. Murugesh

International Journal of Computer Science and Applications, 2, 51-55 (2011)

9. [Confidential Numeric Data Protection in Privacy Preserving Data Mining](#)

S. Vijayarani, Dr. A. Tamilarasi

International Journal Computational Intelligence and Informatics, 1, 115-121 (2011)

10. [An Efficient Clustering Algorithm for Outlier Detection](#)

S. Vijayarani, S. Nithya

International Journal of Computer Applications, 32, 22-27 (2011)

11. [Sensitive Outlier Protection in Privacy Preserving Data Mining](#)

S. Vijayarani, S. Nithya

International Journal of Computer Applications, 33, 19-27 (2011)

12. [An Efficient Algorithm for Classification Rule Hiding](#)

S. Vijayarani, M. Divya

International Journal of Computer Applications, 33, 39-45 (2011)

13. [Association Rule Hiding Using Artificial Bee Colony Algorithm](#)

S. Vijayarani, M. Sathiya Prabha

International Journal of Computer Applications, 33, 41-47 (2011)

14. [Protecting Sensitive Association Rules in Privacy Preserving Data Mining Using Genetic Algorithms](#)

S. Narmadha, S. Vijayarani

International Journal of Computer Applications, 33, 37-43 (2011)

15. [An Efficient Algorithm for Generating Classification Rules](#)

S. Vijayarani, M. Divya

International Journal of Computer Science and Technology, 2, 512-515 (2011)

16. [A Study of Heart Disease Prediction in Data Mining](#)

S. Vijayarani, S. Sudha

International Journal of Computer Science and Information Technology & Security, 2, 1041-1045 (2012)

17. [A Survey on Frequent Pattern Mining Over Data Streams](#)

S. Vijayarani, P. Sathya

International Journal of Computer Science and Information Technology & Security, 2, 1046-1050 (2012)

18. [Disease Prediction in Data Mining Technique – A Survey](#)

S. Vijayarani, S. Sudha

International Journal of Computer Applications & Information Technology, 2, 17-21 (2013)

19. [An Effective Classification Rule Technique for Heart Disease Prediction](#)

S. Vijayarani, S. Sudha

International Journal of Engineering Associates, 1, 81-85 (2013)

20. [Comparative Analysis of Skin Segmentation Methods in Image Mining](#)

S. Vijayarani, M. Vinupriya

International Journal of Computational Intelligence and Informatics, 2, 241- 247 (2013)

21. [Comparative Analysis of Classification Function Techniques for Heart Disease Prediction](#)

S. Vijayarani, S. Sudha

International Journal of Innovative Research in Computer and Communication Engineering, 1, 735 – 741 (2013)

22. [An Efficient Algorithm for Mining Frequent Items in Data Streams](#)
S. Vijayarani, P. Sathya
International Journal of Innovative Research in Computer and Communication Engineering, 1, 742 – 747 (2013)
23. [Comparative Analysis of Bayes and Lazy Classification Algorithms](#)
S. Vijayarani, M. Muthulakshmi
International Journal of Advanced Research in Computer and Communication Engineering, 2, 3118 – 3124 (2013)
24. [An Efficient Technique for Privacy Preserving Decision Tree Learning](#)
S. Vijayarani, M. Sangeetha
Indian Journal of Applied Research, 3, 127-130 (2013)
25. [An Efficient Clustering Algorithm for Outlier Detection in Data Streams](#)
S. Vijayarani, P. Jothi
International Journal of Advanced Research in Computer and Communication Engineering, 2, 3657 – 3665 (2013)
26. [Evaluating the Efficiency of Rules Technique for File Classification](#)
S. Vijayarani, M. Muthulakshmi
International Journal of Research in Engineering and Technology, 2, 38-42 (2013)
27. [An Efficient Edge Detection Algorithm for Facial Images in Image Mining](#)
S. Vijayarani, M. Vinupriya
International Journal of Engineering Sciences and Research Technology, 2, 2880-2884 (2013)
28. [Comparative Analysis of Clustering Algorithms for Outlier Detection in Data Streams](#)
S. Vijayarani P. Jothi
International Journal of Engineering Sciences and Research Technology, 2, 2885-2893 (2013)
29. [Performance Analysis of Canny and Sobel Edge Detection Algorithms in Image Mining](#)
S. Vijayarani, M. Vinupriya
International Journal of Innovative Research in Computer and Communication Engineering, 1, 1760-1767 (2013)

30. [Detecting Outliers in Data Streams Using Clustering Algorithms](#)
S. Vijayarani P. Jothi
International Journal of Innovative Research in Computer and Communication Engineering, 1, 1749-1759 (2013)
31. [Comparative Study on Classification Meta Algorithms](#)
S. Vijayarani, M. Muthulakshmi
International Journal of Innovative Research in Computer and Communication Engineering, 1, 1768-1774 (2013)
32. [A New Approach for Outlier Detection in Data Streams](#)
S. Vijayarani, P. Jothi
International Journal of Engineering Sciences and Research Technology, 2, 3128-3133 (2013)
33. [Performance Evaluation of Classification Tree Algorithms for File Categorization](#)
S. Vijayarani, M. Muthulakshmi
IFRSA's International Journal of Computing, 4, 430-435 (2014)
34. [An Efficient Algorithm for Sequence Generation in Data Mining](#)
S. Vijayarani, S. Deepa
International Journal of Cybernetics and Informatics, 3, 21-30 (2014)
35. [A Novel Privacy Preserving Approach for Decision Tree Learning](#)
S. Vijayarani, M. Sangeetha
Indian Journal of Applied Research, 4, 136-139 (2014)
36. [Naïve Bayes Classification for Predicting Diseases in Haemoglobin Protein Sequences](#)
S. Vijayarani, S. Deepa
International Journal of Computational Intelligence and Informatics, 3, 278- 283 (2014)
37. [Partitioning Clustering Algorithms for Data Stream Outlier Detection](#)
S. Vijayarani, P. Jothi
International Journal of Innovative Research in Computer and Comm. Engineering, 2, 3975-3981 (2014)

38. [Hierarchical and Partitioning Clustering Algorithms for Detecting Outliers in Data Streams](#)
S. Vijayarani, P. Jothi
International Journal of Advanced Research in Computer and Comm. Engineering, 3, 6204-6207 (2014)
39. [Protein Sequence Classification in Data Mining – A Study](#)
S. Vijayarani, S. Deepa
International Journal of Information Technology Modelling and Computing, 2, 1-8 (2014)
40. [Facial Image Classification and Searching – A Survey](#)
S. Vijayarani, M. Vinupriya
International Journal of Information Technology Modelling and Computing, 2, 19-27 (2014)
41. Priority Based Automatic Traffic Control Mechanism
S. Vijayarani, M. Janakiram
Journal of Advancement in Engineering and Technology, 1, 1-5 (2014)
42. [Association Rule Generation in Data Streams Using Apriori Algorithms](#)
S. Vijayarani, R. Prasanna Lakshmi
International Journal of Engineering Research and Management, 1, 169-174 (2014)
43. [Design and Development of Novel Methods for Searching Sequences](#)
S. Vijayarani, S. Deepa
Journal of Applied Information Science, 2, 29-36 (2014)
44. [Multimedia Mining Research – An Overview](#)
S. Vijayarani, A. Sakila
International Journal of Computer Graphics & Animation, 5, 69-77 (2015)
45. [Preprocessing Techniques for Text Mining – An Overview](#)
S. Vijayarani, J. Ilamathi, N. Nithya
International Journal of Computer Science and Communication Networks, 5, 7- 16 (2015)

46. [Intrusion Detection System – A Study](#)

S. Vijayarani, S. Maria Sylviaa

International Journal of Security, Privacy and Trust Management, 4, 31-44 (2015)

47. [Comparative Analysis of Association Rule Generation Algorithms in Data Streams](#)

S. Vijayarani R. Prasannalakshmi

International Journal on Cybernetics and Informatics, 4, 1-11 (2015)

48. [Comparative Analysis of Facial Image Feature Extraction Algorithms](#)

S. Vijayarani S. Priyadharsini

Journal of Multidisciplinary Engineering Science and Technology, 2, 107-112, (2015)

49. [Comparative Analysis of Pre-processing and Edge Detection Techniques for Facial Image Expressions](#)

S. Vijayarani, S. Priyatharsini

International Journal of Graphics & Image Processing, 5, 19-29 (2015)

50. [Facial Feature Extraction Based on FPD and GLCM Algorithms](#)

S. Vijayarani, S. Priyatharsini

International Journal of Innovative Research in Computer and Communication Engineering, 3, 1514-1521 (2015)

51. [New Search Techniques for Automatic Information Classification](#)

S. Vijayarani, N. Nithya

International Journal for Research in Applied Science & Engineering Technology, 3, 895-901 (2015)

52. [Liver Disease Prediction Using SVM and Naïve Bayes Algorithms](#)

S. Vijayarani, S. Dhayanand

International Journal of Science, Engineering and Technology Research, 4, 816-820 (2015)

53. [Bayes and Tree Classifiers for File Classification](#)

S. Vijayarani, J. Ilamathi

International Journal for Scientific Research & Development, 3, 1409-1412 (2015)

54. [Frequent Items Mining in Data Streams](#)

S. Vijayarani, R. Prasanna Lakshmi

International Journal for Research in Applied Science & Engineering Technology, 3, 358-366 (2015)

55. [Kidney Disease Prediction Using SVM and ANN Algorithms](#)

S. Vijayarani, S. Dhayanand

International Journal of Computing and Business Research, 6, (2015)

56. [Efficient Machine Learning Classifiers for Automatic Information Classification](#)

S. Vijayarani, N. Nithya

International Journal of Modern Trends in Engineering and Research, 2, 685- 693 (2015)

57. [Research Issues in Web Mining](#)

S. Vijayarani, E. Suganya

International Journal of Computer Aided Technologies, 2, 55-64 (2015)

58. [Performance Comparison of OCR Tools](#)

S. Vijayarani, A. Sakila

International Journal of UbiComp, 6, 19-30 (2015)

59. [Data Mining Classification Algorithms for Kidney Disease Prediction](#)

S. Vijayarani, S. Dhayanand

International Journal on Cybernetics and Informatics, 4, 13-25 (2015)

60. [An Efficient Clustering Algorithm for Predicting Diseases from Hemogram Blood Test Samples](#)

S. Vijayarani, S. Sudha

Indian Journal of Science and Technology, 8, 1-8 (2015)

61. [Research in Cloud Computing - An Overview](#)

S. Vijayarani, S. Sharmila

International Journal of Distributed and Cloud Computing, 3, 1-11 (2015)

62. [Association Rule Generation in Data Streams Using FP-Growth and Apriori MR Algorithms](#)

S. Vijayarani, R. Prasanna Lakshmi

International Journal of Innovative Research in Computer and Communication

Engineering, 3, 8949-8956 (2015)

63. [An Efficient Algorithm for Facial Image Classification](#)

S. Vijayarani, M. Vinupriya

International Journal of Signal Processing, Image Processing and Pattern Recognition, 8, 121-134 (2015)

64. [Template Matching Technique for Searching Words in Document Images](#)

S. Vijayarani, A. Sakila

International Journal on Cybernetics & Informatics, 4, 25-35 (2015)

65. [A Novel Algorithm for Predicting Valuable Items in Data Streams](#)

S. Vijayarani, P. Sathya

Journal of Applied Information Science, 3, 17-23 (2015)

66. [Text Mining: Open-Source Tokenization Tools: An Analysis](#)

S. Vijayarani, R. Janani

Advanced Computational Intelligence: An International Journal, 3, 37-47 (2016)

67. [Comparative Analysis of Dimensionality Reduction Techniques](#)

S. Vijayarani, S. Maria Sylviaa

International Journal of Innovative Research in Computer and Communication Engineering, 4, 23-29 (2016)

68. [Genetic Algorithm Based Confidential Data Protection in Privacy Preserving Data Mining](#)

S. Vijayarani, M. Janakiram

International Journal of Advanced Research in Computer and Communication Engineering, 5, 158-164 (2016)

69. [Dimensionality Reduction - A Study](#)

S. Vijayarani, S. Maria Sylviaa

International Journal of Engineering Applied Sciences and Technology, 1, 163- 170 (2016)

70. [Text Mining Research - A Survey](#)

S. Vijayarani, R. Janani

International Journal of Innovative Research in Computer and Comm. Engineering, 4, 6564-6571 (2016)

71. [A Performance Comparison of Edge Detection Techniques for Printed and Handwritten Document Images](#)
S. Vijayarani, A. Sakila
International Journal of Innovative Research in Computer and Communication Engineering, 4, 8327- 8337 (2016)
72. [A Survey on Word Spotting Techniques for Document Image Retrieval](#)
S. Vijayarani, A. Sakila
International Journal of Engineering Applied Sciences and Technology, 1, 38- 42 (2016)
73. [Utility Mining Algorithms – A Comparative Study](#)
S. Vijayarani, C. Sivamathi
Journal of Applied Information Science, 4, 37-44 (2016)
74. [Keyword Extraction from Desktop Using Text Mining Techniques](#)
S. Vijayarani, R. Janani, Saranya
International Journal of Engineering Applied Sciences and Technology, 1, 163- 168 (2016)
75. [Particle Swarm Optimization Algorithm for Facial Image Expression Classification](#)
S. Vijayarani, S. Priyatharsini
International Journal of Signal Processing, Image Processing and Pattern Recognition, 9, 11-24 (2016)
76. [Research in Big Data – An Overview](#)
S. Vijayarani, S. Sharmila
Informatics Engineering, an International Journal, 4, 1-20 (2016)
77. [An Enhanced HUI Miner Algorithm to Retrieve Optimum Number of High Utility Itemsets](#)
S. Vijayarani, C. Sivamathi, N. Suhashini
International Journal for Scientific Research & Development, 4, 74-78 (2016)
78. [Survey On Prediction of Lung and Breast Cancer Diseases Using Data Mining Techniques](#)
S. Vijayarani, P. Tamilarasi
International Journal for Scientific Research & Development, 4, 392-397 (2016)

79. [Web Crawling Algorithms – A Comparative Study](#)

S. Vijayarani, E. Suganya

International Journal for Science and Advance Research in Technology, 2, 351-357 (2016)

80. [Ontology Based Information Extraction - A Survey](#)

S. Vijayarani, K. Geethanjali

International Journal of Modern Computer Science, 4, 86-91 (2016)

81. [Pattern Matching Algorithms for Retrieving Information from Web Documents](#)

S. Vijayarani R. Janani

International Journal of Informative and Futuristic Research, 4, 5343-5351 (2016)

82. [Image Compression Techniques – An Overview](#)

S. Vijayarani, V. Nivetha

International Journal of Modern Computer Science, 4, 96-101 (2016)

83. [Open-Source File Renamer Tools – An Analysis](#)

S. Vijayarani R. Janani

International Journal for Science and Advance Research in Technology, 2, 365-368 (2016)

84. [Ranking Of Web Documents Using Multimodal Cross Reference Re-Ranking](#)

S. Vijayarani, E. Suganya

International Research Journal of Engineering and Technology, 3, 1364-1368 (2016)

85. [Text Extraction from Tamil and Hindi Document Images Using Open-Source Optical Character Recognition Tools](#)

S. Vijayarani, A. Sakila

International Journal for Science and Advance Research in Technology, 2, 1-7 (2016)

86. [An Efficient Text Pattern Matching Algorithm for Retrieving Information from Desktop](#)

S. Vijayarani, R. Janani

Indian Journal of Science and Technology, 9, 1-11 (2016)

87. [Document Image Compression Using Hybrid Compression Technique](#)
S. Vijayarani, A. Sakila
International Journal of Engineering Science and Computing, 6, 3441-3445 (2016)
88. [A Hybrid Clustering Algorithm for Outlier Detection in Data Streams](#)
S. Vijayarani, P. Jothi
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89. [An Efficient Algorithm for Document Clustering in Information Retrieval](#)
S. Vijayarani, R. Janani
International Journal for Research in Applied Science & Engineering Technology, 4, 65-71 (2016)
90. [An Improved Bisecting K-Means Algorithm for Text Document Clustering](#)
S. Vijayarani, R. Janani
International Journal of Knowledge Based Computer Systems, 4, 32-37 (2016)
91. [Impact Of the Usage of Dimensionality Reduction Techniques in Medical Datasets: An Analysis](#)
S. Vijayarani, S. Maria Sylviaa
Mathematical Sciences International Research Journal, 5, 277-282 (2016)
92. [Image Enhancement Using Morphological Operations](#)
S. Vijayarani, A. Sakila
International Journal of Scientific Research in Science, Engineering and Technology, 3, 685-698 (2017)
93. [Frequent Itemset Mining and Association Rule Generation Using Enhanced Apriori and Enhanced Eclat Algorithms](#)
S. Vijayarani, S. Sharmila
International Journal of Innovative Research in Computer and Communication Engineering, 5, 6793-6804 (2017)
94. [An Enhanced Algorithm for Retrieving High Utility- Frequent Item Sets with Negative Utility Values](#)
C. Sivamathi, S. Vijayarani
Indian Journal of Science and Technology, 10, 1-5 (2017)
95. [An Efficient String-Matching Technique for Desktop Search to Detect Duplicate Files](#)

S. Vijayarani, M. Muthulakshmi

International Journal of Information Technology and Computer Science, 9, 69- 76 (2017)

96. [Data Stream Mining – A Survey](#)

S. Vijayarani, R. Kalaivani

International Journal of Innovative Research in Computer and Communication Engineering, 5, 7461-7470 (2017)

97. [Association Rule Mining Using Enhanced FP-Growth and H-Mine Algorithms](#)

S. Vijayarani S. Sharmila

International Journal of Electrical, Electronics & Computer Science Engineering, 4, 110-114 (2017)

98. [Utility Mining: An Enhanced-UP Growth Algorithm for Finding Maximal High Utility Itemsets](#)

S. Vijayarani C. Sivamathi

International Journal of Electrical, Electronics & Computer Science Engineering, 4, 126-130 (2017)

99. [Skew Detection and Correction in the Document Image](#)

S. Vijayarani, A. Sakila

International Journal of Innovative Research in Science, Engineering and Technology, 6, 17457-17465 (2017)

100. [Web Page Classification in Web Mining Research – A Survey](#)

S. Vijayarani, E. Suganya

International Journal of Innovative Research in Science, Engineering and Technology, 6, 17472-17479 (2017)

101. [Web Page Noise Removal – A Survey](#)

S. Vijayarani, K. Geethanjali

International Journal of Scientific Research in Science and Technology, 3, 172-181 (2017)

102. [A Hybrid Image Binarization Technique for Enhancement of Degraded Document Images](#)

S. Vijayarani, M. Geetha

International Journal of Engineering Research in Computer Science and

Engineering, 4, 13-19 (2017)

103. [Optical Character Recognition - A Review](#)

S. Vijayarani, M. Geetha

International Journal of Scientific Research in Computer Science, Engineering and Information Technology, 2, 942-947 (2017)

104. [Recent Trends in Utility Mining: A Survey](#)

S. Vijayarani, C. Sivamathi, V. Jeevika Tharani

International Journal of Research in Information Technology, 5, 1-8 (2017)

105. [A Hybrid Approach for Improving Text Document Clustering](#)

S. Vijayarani, R. Janani

International Journal of Engineering Research in Computer Science and Engineering, 4, 108-114 (2017)

106. [Web Log Files in Web Usage Mining Research – A Review](#)

S. Vijayarani, E. Suganya, M. Prakathambal

International Journal of Engineering Research in Computer Science and Engineering, 5, 29-35 (2018)

107. [Text Document Clustering Using Artificial Bee Colony with Bisecting K-Means Algorithm](#)

S. Vijayarani, R. Janani

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108. [A Survey on Document Image Analysis](#)

S. Vijayarani, A. Sakila, M. Deepa

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109. [Comparative Analysis of On-Shelf Utility Mining Algorithm](#)

S. Vijayarani, C. Sivamathi, V. Jeevika Tharani

International Journal of Scientific Research in Science and Technology, 4, 1678-1684 (2018)

110. [Content Based Text Information Search and Retrieval in Document Images for Digital Library](#)

S. Vijayarani, A. Sakila

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111. [RHUIET: Discovery of Rare High Utility Item Sets Using Enumeration Tree](#)

S. Vijayarani, C. Sivamathi

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112. [Association Rule Hiding in Privacy Preserving Data Mining](#)

S. Vijayarani, A. Tamilarasi

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113. [Process Mining - A Comprehensive Review](#)

S. Vijayarani, A. Sakila, Ramya

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114. [Comparative Analysis of High Average Utility Itemsets](#)

S. Vijayarani, C. Sivamathi

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115. [Comparative Analysis of Frequent Closed Item Set Mining](#)

S. Sharmila, Dr. S. Vijayarani

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116. Natural Language Processing: An Analysis of Open Source Named Entity Recognition Tools

R. Janani, S. Vijayarani

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117. [Web Log Analysis Using Association Rule Mining Algorithms](#)

E. Suganya, S. Vijayarani, V.Eswari

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118. Association Rule Hiding Approaches – A Survey

S. Sharmila, S. Vijayarani

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119. Frequent Utility Sequence Pattern Mining using PTree+

C. Sivamathi, S. Vijayarani

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120. [Multi-Level Utility Mining: Retrieval of High Utility item sets in A Transaction Database](#)

C. Sivamathi, S Vijayarani

Computers and Electrical Engineering, 76, 268-282 (2019)

121. [Information Retrieval from Web Documents Using Pattern Matching Algorithms](#)

R. Janani, S. Vijayarani

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122. [Utility Association Rule Mining – A Comprehensive Study](#)

C. Sivamathi, S. Vijayarani

International Journal of Computer Sciences and Engineering, 7, 206-210, (2019)

123. [Web Crawlers for Web Content Extraction](#)

E. Suganya, S. Vijayarani

International Journal of Computer Sciences and Engineering, 7, 238-247 (2019)

124. [A Survey on Facial Recognition](#)

A. Sakila, S. Vijayarani

International Journal of Computer Sciences and Engineering, 7, 313-319 (2019)

125. [Text Document Clustering Using Spectral Clustering Particle Swarm Optimization](#)

R. Janani, S. Vijayarani

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126. [Association Rule Hiding Using Grey Wolf Optimization Algorithm](#)

S. Sharmila, S. Vijayarani

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127. [Business Intelligence for Evaluating the Intangible Benefits of On-Shelf High Utility Itemset from the Temporal Transaction Database](#)

S. Vijayarani, V. Jeevika Tharini

International Journal of Engineering and Advanced Technology, 8, 1428- 1435 (2019)

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Information Discovery and Delivery, 47, 154-170 (2019)
129. [Comparative Analysis of Fuzzy Association Mining Algorithms](#)
S. Vijayarani, S. Sharmila
International Journal of Scientific and Technology Research, 8, 991-995 (2019)
130. [Web Page Noise Removal Using Firefly Optimization Algorithm](#)
E. Suganya, S. Vijayarani
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131. [An Utility Based Approach for Business Intelligence to Discover Beneficial Itemsets with Or without Negative Profit In Retail Business Industry](#)
C. Sivamathi, S. Vijayarani
International Journal of Business Intelligence and Data Mining, 16, 361-280 (2020)
132. [A Comprehensive Review on Handwriting Character Recognition](#)
S. Vijayarani, A. Sakila, Revathi
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133. [Content Based Web Search and Information Extraction from Heterogeneous Websites Using Ontology](#)
E. Suganya, S. Vijayarani
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134. [Efficient Blurring and De-Blurring Techniques for Secure the Document Images](#)
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International Journal of Scientific & Technology, 9, 6499-6506 (2020)
135. [Mathematical Symbol Extraction from Document Images - A Comprehensive Review](#)
A. Sakila, S. Vijayarani
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136. [A Comprehensive Analysis of Crime Analysis Using Data Mining Techniques](#)
S. Vijayarani, E. Suganya, Navya

International Journal of Computer Science Engineering, 9, 114-123 (2020)

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