

Faculty Profile of Dr. T. Devi



Dr. T. Devi
Professor & Head
Department of Computer Applications

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Mobile No: +91 9790004351

Research Area

- Integrated Data Modeling
- Heterogeneous Databases
- Database Management System
- Meta-modeling
- Computer Assisted Concurrent Engineering
- Speech Processing

Education

Ph.D.

Subject : Engineering

Institution : University of Warwick, UK

Affiliated University : University of Warwick

Year of Award : 1998

M.Phil.,

Subject : Computer Science

Institution : Bharathiar University, Coimbatore

Affiliated University : Bharathiar University

Year of Award : 1991

M.C.A.

Subject: Computer Applications

Institution : PSG College of Technology, Coimbatore

Affiliated University : Bharathiar University

Year of Award : 1987

B.Sc.,

Subject: Mathematics

Institution: PSGR Krishnammal College for Women

Affiliated University: Madras University

Year of Award: 1991

Career

At Bharathiar University (Reverse Order)

Professor : February 2014 to Till Date

Associate Professor & Head i/c : January 2012 to January 2014

Reader & Head i/c. : April 2009 to January 2012

Reader : January 2009 to March 2009

Lecturer (Senior Scale) : March 2000 to March 2009

Lecturer : November 1990 to March 2000

System Analyst : July 1989 to October 1990

Past Experience

Software Engineer : July 1988 to July 1989 at Premier Polytronic Limited

Management Trainee : May 1987 to 1988 at Premier Mills Limited

Associate Professor (Lien from Bharathiar University) : October 2004 to March 2008 at Indian Institute of Foreign Trade, New Delhi

Commonwealth Research Scholar – Ph.D. (Study Leave and Extraordinary Leave from Bharathiar University) : October 1994 to January 1999 at University of Warwick, UK

Awards

Academic Awards

Sl. No. : 1

Awarding agency : MHRD, New Delhi

Country : India

Purpose of award : VISAKA (for co-ordinating Digital Finance Literacy Programme) - Second among the best 20 institutions in the Nation

Date of Award : 2017

Sl. No. : 2

Awarding agency : PSGR Krishnammal College for Women

Country : India

Purpose of award : Best Alumni Award

Date of Award : 2015

Sl. No. : 3

Awarding agency : PSG College of Technology

Country : India

Purpose of award : Proficiency Award for First rank in MCA

Date of Award : 1987

Sl. No. : 4

Awarding agency : National scholarship Scheme, Govt. of Tamilnadu

Country : India

Purpose of award : National Merit Scholarship for First Rank in B.Sc., University of Madras

Date of Award : 1984-1987

Sl. No. : 5

Awarding agency : University of Madras

Country : India

Purpose of award : Gold Medal

Date of Award : 1984-87

Sl. No. : 6

Awarding agency : University of Madras

Country : India

Purpose of award : The Marsh Prize

Date of Award : 1984

Sl. No. : 7

Awarding agency : University of Madras

Country : India

Purpose of award : The Stuart Prize

Date of Award : 1984

Sl. No. : 8

Awarding agency : University of Madras

Country : India

Purpose of award : Pitty Muniswami Chettygaru Medal

Date of Award : 1984

Sl. No. : 9

Awarding agency : University of Madras

Country : India

Purpose of award : Principal K. Rajagopal Naidu Commemoration Endowment Prize

Date of Award : 1984

Sl. No. : 10

Awarding agency : PSGR Krishnammal College for Women

Country : India

Purpose of award : Proficiency Awards in Tamil, English and Mathematics

Date of Award : 1981-1984

Sl. No. : 11

Awarding agency : Coimbatore Mid-Town Rotary Club

Country : India

Purpose of award : Merit Award

Date of Award : 1983-1984

Sl. No. : 12

Awarding agency : Inner Wheel Club of Coimbatore

Country : India

Purpose of award : Service, Dependability and Leadership Award

Date of Award : 1984

Sl. No. : 13

Awarding agency : PSGR Krishnammal College for Women

Country : India

Purpose of award : Best outgoing student

Date of Award : 1983-1984

Membership

Membership in Professional Bodies

Sl. No. : 1

Organization : IEEE

Type of Membership : Member

Period : 2016 - Dec 2019

Sl. No. : 2

Organization : ISTE

Type of Membership : Member

Period : 2016-2018

Sl. No. : 3

Organization : CSI
Type of Membership : Member
Period : 2015-2018

Sl. No. : 4

Organization : Association of Commonwealth Scholars and Fellows
Type of Membership : Member
Period : 1999 – continuing

Sl. No. : 5

Organization : Association of British Scholars
Type of Membership : Member
Period : 2008 – continuing

Membership in Academic Bodies

Sl. No. : 1

Organization : PSGR Krishnammal College, Coimbatore
Type of Membership : Member, Academic Board & Member, Board of Studies
Period : 2018-2020 & 2018-2021

Sl. No. : 2

Organization : Sri Ramakrishna Vidyalaya College, Coimbatore
Type of Membership : College Committee Member
Period : 2016-2019

Sl. No. : 3

Organization : PSG Collge of Arts and Science, Coimbatore
Type of Membership : College Committee Member
Period : 2015-2018

Sl. No. : 4

Organization : Gobi Arts and Science College, Coimbatore
Type of Membership : Academic Board Member
Period : 2017-2018

Sl. No. : 5

Organization : Saraswathi Thiagaraja College, Pollachi
Type of Membership : Results Passing Board Member
Period : 2017-2019

Sl. No. : 6

Organization : NGM College, Pollachi
Type of Membership : College Committee Member
Period : 2020-2023

Sl. No. : 7

Organization : Rural University, Bangalore
Type of Membership : Expert Committee Member, Board of Studies M.Sc.
Computer Science (Data Analytics)
Period : 2019-2020

Visits

Sl. No. : 1

Countries Vistes : United Kingdom
Duration of Visit : 4 Years
Month and Year : 1994-1998
Purpose of Visit : To purse Ph.D Research

Sl. No. : 2

Countries Vistes : United Kingdom
Duration of Visit : 1 week
Month and Year : 1999
Purpose of Visit : For Research Collaboration

Sl. No. : 3

Countries Vistes : Tanzania

Duration of Visit : 2 Weeks

Month and Year : 2005

Purpose of Visit : To teach Knowledge management

Sl. No. : 4

Countries Vistes : Tanzania

Duration of Visit : 2 Weeks

Month and Year : 2006

Purpose of Visit : To teach Knowledge management

Sl. No. : 5

Countries Vistes : Singapore

Duration of Visit : 1 Week

Month and Year : 2009

Purpose of Visit : For Research Collaboration

Collaborators

Others

Funded Projects(National Level)

- [Ongoing - 04](#)
- [Completed - 04](#)

1. RUSA 2.0 BEICH

Title of the project : Digital career and entrepreneurship hub

Funding Agency : RUSA 2.0 BEICH

Amount : Rs.8,00,000/-

Duration : 2020 – 30.06.2020

2. DST- BDTD

Title of the project : Design and development of continuous speech based text conversation assistant

Funding Agency : DST- BDTD

Amount : Rs. 7,75,000/-

Duration : 2018 - 2020 (2 years)

3. RUSA Phase I

Title of the project : High performance computational facility

Funding Agency : RUSA Phase I

Amount : Rs.2,00,00,000/-

Duration : 2017

1. Higher Education (H2) Department – G.O. (Ms.) No.7

Title of the project : Enterprise resource planning

Funding Agency : Higher Education (H2) Department – G.O. (Ms.) No.7

Amount : Rs. 1,15,02,000/-

Duration : 2020-2022

2. RUSA - BCTRC

Title of the project : Intelligent decision support system to physicians for cancer diagnosis and personalized treatment planning

Funding Agency : RUSA - BCTRC

Amount : Rs.21,52,000/-

Duration : 2020-2022 (2 years)

3. DST- ICPS

Title of the project : Design and development of an integrated data model, knowledge base and dissemination

Funding Agency : DST- ICPS

Amount : Rs.60,46,000/-

Duration : 2018 - 2021 (3 years)

4. UGC

Title of the project : UGC - Major research project

Funding Agency : UGC

Amount : Rs.7,07,800/-

Duration : 2008

Consultancy Projects

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

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

ONGOING

Candidate Name

Title of the Thesis : *****

Date of Submission:

Date of Award:

AWARDED

Sl. No. : 1

Name of the candidate : Dr. A. Vijayalakshmi

Title of the Thesis : Design and Development of Autonomic Updating and Semantic Search Process for Search Engine

Year : 2007

Sl. No. : 2

Name of the candidate : Dr. S.K. Jayanthi

Title of the Thesis : Design and Development of Effective Handwritten Text Document Recognition System using fuzzy envelope database

Year : 2007

Sl. No. : 3

Name of the candidate : Dr. P. Sam Albert

Title of the Thesis : Production Functionality Information Model for Managing the Product Development Process

Year : 2008

Sl. No. : 4

Name of the candidate : Dr. A.V. Ramani

Title of the Thesis : Design and Development of an Information Model for Feedback Control in Process Management

Year : 2009

Sl. No. : 5

Name of the candidate : Dr. V. Thigarasu

Title of the Thesis : Multi-Agent Coordination in Project Scheduling: Single and Multi-Pass priority Rule based Resource Allocation

Year : 2010

Sl. No. : 6

Name of the candidate : Dr. R. ManckaChezhian

Title of the Thesis : Design and Development of Algorithms for Identifying Confluence and Termination of Triggers in Continual Queries

Year : 2010

Sl. No. : 7

Name of the candidate : Dr.P.Ponmuthuramalingam

Title of the Thesis : Design and Development of Effective Term Based Text Document Clustering Algorithms

Year : 2010

Sl. No. : 8

Name of the candidate : Dr. J. Bhuvana

Title of the Thesis : Security Multiparty Computation based Algorithm for Improving Efficiency and effectiveness of preserving Privacy in Collaborative Data Mining

Year : 2012

Sl. No. : 9

Name of the candidate : Dr. T. Santha

Title of the Thesis : Design and Development of Integrated Algorithm for

effective multimodel Transportation

Year : 2012

Sl. No. : 10

Name of the candidate : Dr. R. Balu

Title of the Thesis : Design and Development of Automatic Appendicitis

Prediction System using Sonographic Image Mining

Year : 2013

Sl. No. : 11

Name of the candidate : Dr. N. Preethi

Title of the Thesis : Design and Development of A New Integrated Case and
Relation (Care) base Page Rank Algorithm in Semantic Space

Year : 2013

Sl. No. : 12

Name of the candidate : Dr. K.P. Srinivasan

Title of the Thesis : Design and Development of procedure base metric system
for Object-oriented Design Quality Assessment

Year : 2013

Sl. No. : 13

Name of the candidate : Dr. K. Asha

Title of the Thesis : Design and Development of An Efficient System for Opinion
Polarity Identification

Year : 2013

Sl. No. : 14

Name of the candidate : Dr. Nithiyanadan Pradeesh

Title of the Thesis : Design and Development of Tool Support Environment for
Software Engineering Teaching

Year : 2014

Sl. No. : 15

Name of the candidate : Dr. Arafat S Qaed

Title of the Thesis : Design and Development of on demand routing protocols

towards improving quality of service and security for mobile ad hoc networks
Year : 2015

Sl. No. : 16

Name of the candidate : Dr. K. Sivakumar

Title of the Thesis : Design and Development of Multi-tenant Web Framework

Year : 2016

Sl. No. : 17

Name of the candidate : Dr. R. Rajeswari

Title of the Thesis : Design and Development of new Algorithm for customer churn prediction through class imbalance

Year : 2014

Sl. No. : 18

Name of the candidate : Dr. Sujatha Yeruva

Title of the Thesis : Design and Development of a New System to identify influential spreaders in complex network using pareto shell decomposition.

Year : 2017

Sl. No. : 19

Name of the candidate : Dr. R. Vishnupriya

Title of the Thesis : Design and Development of New Continuous Speech driven Scheduler

Year : 2017

Sl. No. : 20

Name of the candidate : Dr. J. Sumitha

Title of the Thesis : Design And Development of A Novel Algorithm For Effective Detection of Breast Cancer

Year : 2019

Ongoing

Candidate Name

Title of the Thesis : *****

Date of Submission:

Date of Award:

Awarded

Sl. No. : 1

Name of the candidate : M. Chandra Prabha

Title of the Thesis : Research in Software Engineering

Year : 2010

Sl. No. : 2

Name of the candidate : L. Geethanjali

Title of the Thesis : Research in Software Testing

Year : 2011

Sl. No. : 3

Name of the candidate : Mr. S. Balan

Title of the Thesis : Design and Development of an algorithm for image clustering in textile image retrieval using color descriptors

Year : 2012

Sl. No. : 4

Name of the candidate : Mr. V. Balasundar

Title of the Thesis : Development of data clustering algorithm for predicting heart diseases

Year : 2012

Sl. No. : 5

Name of the candidate : Ms. G. Backiya

Title of the Thesis : Design and Development of attribute dependency analysis and impact analysis tools for concurrent engineering

Year : 2012

Sl. No. : 6

Name of the candidate : Mrs. C. Sowmiya

Title of the Thesis : Design and Development of contextual search for text information retrieval

Year : 2013

Sl. No. : 7

Name of the candidate : Mrs. R. Priya

Title of the Thesis : Design and Development of a novel algorithm for search on encrypted file

Year : 2013

Sl. No. : 8

Name of the candidate : Mr. Mohan raj

Title of the Thesis : Study and analysis of content based text document categorization

Year : 2013

Sl. No. : 9

Name of the candidate : Ms. C. Janani

Title of the Thesis : Study and Analysis of Knowledge Acquisition Techniques for acquiring Knowledge on Product Functionality.

Year : 2013

Sl. No. : 10

Name of the candidate : Ms. P. Poongothai

Title of the Thesis : Study and Analysis of Information Completeness for Representing Transformation of States of Information

Year : 2014

Sl. No. : 11

Name of the candidate : Mr. S. Devaraj

Title of the Thesis : Novel method to identify degree of deception and represent non-deceptive information in concurrent engineering

Year : 2016

Ongoing

Candidate Name

Title of the Thesis : *****

Date of Submission:

Date of Award:

Awarded

Candidate Name

Title of the Thesis : *****

Date of Submission:

Date of Award:

Ongoing

Candidate Name

Title of the Thesis : *****

Date of Submission:

Date of Award:

Awarded

Candidate Name

Title of the Thesis : *****

Date of Submission:

Date of Award:

- [International](#)
- [National](#)

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

Reverse Chronological Order

2021

Number. Title
Author Names
Journal Name

2020

71. [Machine learning algorithms for the diagnosis of leukemia](#),
Italia Joseph Maria, T. Devi, D. Ravi,
International Journal of Scientific and Technology Research, 9(1), 267 - 270
(2020).

70. [Design and development of a model for converting speech to phoneme using waveform audio file format](#),
S. Shalini, T. Devi, R. Rajeswari, S. Padmanabhan, V. Swarna Bhavani,
International Journal of Advanced Science and Technology, 29 (04), 10054
(2020).

2019-2004

69. [Technologies challenges and tools for digital learning](#),
Italia Joseph Maria, T. Devi, V. Bhuvaneswari, R. Rajeswari,
IEEE International Conference T4E, 268 - 269 (2019).

68. [Discriminant pearson correlative feature selection based gentle adaboost classification for medical document mining](#),
P. Poongothai, T. Devi,

International Journal of Recent Technology and Engineering (IJRTE), 8(3), 3777 - 3783 (2019).

67. [Image segmentation techniques for leaf disease detection and grading: an analysis and comparative study,](#)

R. Hepziba Gnanamalar, T. Devi,

Journal of Emerging Technologies and Innovative Research, 6(6), 914 - 917 (2019).

66. [A novel algorithm to the design and development of lemon leaf disease area detection and grading in smartphones using image processing techniques,](#)

R. Hepziba Gnanamalar, T. Devi,

International Journal of Recent Technology and Engineering, 8(2), 2926 - 2930 (2019).

65. [Lemon leaf fungal disease grading using image segmentation based on pixel intensity transformation in android smartphone platform: a novelty and review,](#)

R. Hepziba Gnanamalar, T. Devi,

International Journal of Scientific and Technology Research, 8(9), 975 - 979 (2019).

64. [A periodical review on image processing applications for agriculture development,](#)

R. Hepziba Gnanamalar, T. Devi,

International Journal of Research and Analytical Reviews, 5(4), 367 - 371 (2018).

63. [The new communication network for an internet of everything based security/safety/general management/visitor's services for the papal basilica and sacred convent of saint francis in assisi, italy](#)

Mauro Gambetti, Devi Thirupathi,

International Carnahan Conference on Security Technology, 1 -6 (2017).

62. [Comparative study on gene expression for detecting diseases using optimized algorithm,](#)

J Sumitha, T Devi, D Ravi,
International Journal of Human Genetics, 17(1), 38 – 42 (2017).

61. [The internet of everything system for the papal basilica and sacred convent of saint francis in assisi, italy,](#)

Mauro Gambetti, Devi Thirupathi,
World Engineering Forum WFEO General Assembly, 1 – 6 (2017).

60. [Design and development of a personal scheduler based on continuous speech for smart phones,](#)

R. Vishnupriya, T. Devi,
International Journal of Engineering and Technology, 8(6), 2853 - 2859 (2016).

59. [Breast cancer diagnosis through analysis of brca gene using machine learning algorithms,](#)

J. Sumitha, T. Devi,
Pakistan Journal of Biotechnology, 13(4), 231 – 235 (2016).

58. [Selection of influential spreaders in complex networks using pareto shell decomposition,](#)

Sujatha Yeruva, T. Devi, Y. Samtha Reddy,
Physica A: Statistical Mechanics and its Applications, 452, 133 - 144 (2016).

57. [Web based tool for teaching image processing using knowledge management and collaborative learning,](#)

R. Hepziba Gnanamalar, T. Devi,
American International Journal of Research in Science, Technology, Engineering & Mathematics, 7(10), (2015).

56. [A comparative study of representation methods for states of information,](#)

P. Poongothai. P, T. Devi,
International Journal of Engineering and Technology, 7(2), 792 – 798 (2015).

55. [Design and development of multi-tenant web framework](#)
Sivakumar Kuppusamy, Vivekanandan Kaniappan, Devi Thirupathi,
Procedia Computer Science, 48, 180 - 191 (2015).
54. [Necessity of learning analytics in software engineering education](#),
N. Pratheesh, T. Devi,
Journal of Engineering Science and Technology, 10, 269 - 281 (2015).
53. [Design and development of multi-tenant web framework](#),
Sivakumar Kuppusamy, Vivekanandan Kaniappan, Devi Thirupathi,
Procedia Computer Science, 48, 180 - 191 (2015).
52. [Switch bandwidth congestion prediction in cloud environment](#),
Sivakumar Kuppusamy, Vivekanandan Kaniappan, Devi Thirupathi, T.
Ramasubramanian,
Procedia Computer Science, 50, 235 - 243 (2015).
51. [Link quality, delay and energy aware routing protocol for mobile adhoc networks](#),
S. M. Arafat Qaed, T. Devi,
International Journal of Computer and Communication Technology, 6(3), 13
(2015).
50. [Software metrics validations methodologies in software engineering](#),
K.P. Srinivasan, T. Devi,
International Journal of Software Engineering and Applications, 5(6), 87 - 102
(2014).
49. [A comprehensive review and analysis on object - oriented software metrics in software measurement](#),
K. P. Srinivasan, T. Devi,
International Journal on Computer Science and Engineering, 6(7), 247 - 261
(2014).
48. [A complete and comprehensive metrics suite for object - oriented design quality assessment](#),

K.P. Srinivasan, T. Devi,
International Journal of Software Engineering and Its Applications, 8(2), 173 - 188 (2014).

47. [A novel software metrics and software coding measurement in software engineering,](#)

K. P. Srinivasan, T. Devi,
International Journal of Advanced Research in Computer Science and Software Engineering, 4(1), 303 - 308 (2014).

46. [Interweaving knowledge acquisition and product functionality,](#)

C. Janani, T. Devi,
International Journal of Computer Applications Technology and Research, 2(4), 459 - 464 (2013).

45. A study of web search engines and search process

N. Preethi, T. Devi

International Journal of Advance Research in Computer Science and Application, 1, 19 - 29 (2013).

44. [Speech driven personal scheduling system,](#)

Devi Thirupathi , Ashwin Whitchurch, R. Vishnupriya,
International Journal of Advance Research, 1(7), 1 - 12 (2013).

43. [Study and analysis of knowledge acquisition techniques for acquiring knowledge on product functionality,](#)

C. Janani, T. Devi,
International Journal of Software and Web Sciences, 5, 68 - 73 (2013).

42. [Knowledge acquisition techniques and tools: a review,](#)

R. Hepziba Gnanamalar, C. Janani, T. Devi,
International Journal of Emerging Technologies in Computational and Applied Sciences, 2, (2013).

41. A novel text summarization approach for identifying the effective opinion polarity,

Asha Karuppayil and Devi Thirupathi,
European Journal of Scientific Research, 95, (2013).

40. [A survey on biological databases and applications of datamining](#),
N Saravanan, T. Devi,
Australian Journal of Basic and Applied Sciences, 6(13), 175 - 180 (2012).

39. [Effectiveness of a novel opinion polarity identification system for semantic orientation: a supervised learning approach](#),
Asha Karuppayil, Devi Thirupathi,
International Journal of Computational Linguistics and Natural Language Processing, 1, (2012).

38. [Shared and secured data partitioning for privacy preserving of collaborative file transfer in multi path computational mining](#),
J. Bhuvana, T. Devi,
European Journal of Scientific Research, 90, 1 – 7 (2012).

37. Design and development of an integrated algorithm for efficient multimodal transportation system,
T. Santha, T. Devi
European Journal of Scientific Research, 88, (2012).

36. Design metrics towards identifying the temporal rhythm of semantic orientation of unstructured documents for an efficient knowledge management,
Asha Karuppayil, Devi Thirupathi,
International journal of engineering research and industrial applications, 3, (2012).

35. Effective case and relation (care) based page rank algorithm in semantic space
N. Preethi, T. Devi,
European Journal of Scientific Research (EJSR), 88, (2012).

34. Survey on opinion mining: a machine based recognition and synthesis,
Asha Karuppayil, Devi Thirupathi,

International Journal of Modern Engineering Research, 2, (2012).

33. [Design and development of attribute dependency analysis tool for concurrent engineering,](#)

T. Devi, G. Backiya,

International Journal of Computer Application, 52(20), 1 - 6 (2012).

32. Study on mining emotion from literature: a method using computers to extract opinionated knowledge nuggets,

Asha Karuppayil, Devi Thirupathi,

International Journal of Emerging Technology and Advanced Engineering, 2, (2012).

31. Efficient sonographic image mining technique to identify acute appendicitis, Balu Ramu , Devi Thirupathi,

International Journal of Engineering Research and Applications, 2(4), 1050 – 1055 (2012).

30. [Design and development of an algorithm for image clustering in textile image retrieval using color descriptors,](#)

S. Balan, T. Devi,

International Journal of Computer Science, Engineering and Applications, 2(3), 199 – 211 (2012).

29. [Development of a data clustering algorithm for predicting heart disease,](#)

V. Bala Sundar, T. Devi, N. Saravanan,

International Journal of Computer Applications, 48(7), 8 - 13 (2012).

28. [Development of a data clustering algorithm for predicting heart,](#)

T. Devi, N. Saravanan,

International Journal of Computer Applications, 48(7), 8 - 13 (2012).

27. Case and relation (care) based page rank algorithm for semantic web search engines,

N. Preethi, T. Devi,

International Journal of Computer Science Issues, 9, (2012).

26. Semantic affect sensing in user generated contents: an intelligent machine informatics to audit human sentiments,

Asha Karuppayil, Devi Thirupathi,

International Journal of Emerging trends in Computing and Information Sciences, 3, (2012).

25. [Design and development of automatic appendicitis detection system using sonographic image mining,](#)

R. Balu, T. Devi,

International Journal of Engineering and Innovative Technology, 1(3), 67 - 74 (2012).

24. [Ant colony optimization based delay and energy conscious routing protocol for mobile adhoc networks,](#)

S. M. Arafat Qaed, T. Devi,

International Journal of Computer Applications, 41(11), (2012).

23. A comparison study on methods for measuring distance in images,

R. Balu, T. Devi,

International Journal of Research in Computers, 1(2), 34 - 38 (2012).

22. Essential points of writing informative research papers,

K. P. Srinivasan, T. Devi,

International Journal of Research in Computers, 1, (2012).

21. [Web enabled learning tool for software requirements analysis,](#)

N. Pratheesh, T. Devi, P. Prithvi Vidhya,

International Journal of Software Engineering Research & Practices, 2(1), 6 - 11 (2012).

20. [A new algorithm to detect the non-termination of triggers in active databases](#)

,

R. Manicka Chezian, T. Devi,

International Journal of Advanced Networking and Applications, 3(2), 1098 – 1104 (2011).

19. [Design and development of a new algorithm for efficient multimodal transportation,](#)

T. Santha, T. Devi,

International Journal of Advanced Research In Computer Science, 2(5), 369 - 373 (2011).

18. [Effective and efficient performance of session based security multiparty collaborative data mining,](#)

J. Bhuvana, T. Devi, M. Balamurugan,

International Journal of Advanced Research in Computer Science, 2(5), 672 - 678 (2011).

17. Solving multimodal transportation system using shortest path algorithm,

T. Santha, T. Devi,

International Journal of Computer Trends and Technology, (2011).

16. [Identification of acute appendicitis using euclidean distance on sonographic image,](#)

R. Balu, T. Devi,

International Journal of Innovative Technology and Creative Engineering, 1(7), 32 - 38 (2011).

15. [Design and development of a procedure for new object oriented design metrics,](#)

K. P. Srinivasan, T. Devi,

International Journal of Computer Applications, 24(8), 30 – 35 (2011).

14. Performance of secure multiparty computation for preserving privacy in collaborative data mining,

J. Bhuvana, T. Devi,

International Journal of Research and Reviews in Computer Science, 2(2), 463

(2011).

13. [Multi criteria job shop schedule using fuzzy logic control for multiple machines multiple jobs,](#)

R. Ramkumar, A. Tamilarasi, T. Devi,

International Journal of Computer Theory and Engineering, 3(2), 282 - 286 (2011).

12. [Design and development of algorithms for identifying termination of triggers in active databases,](#)

R. Manicka Chezian, T. Devi,

International Journal of Information Systems and Change Management, 5(3), (2011).

11. [Effective term based text clustering algorithm,](#)

P. Ponmuthuramalingam, T. Devi,

International Journal of Computer Science and Engineering (IJCSE), 2(5), 1665 - 1673 (2010).

10. [Impact of semantic interoperability in an enterprise computing: a report on the use of inter enterprise computing in actual commercial environment,](#)

Asha Karuppayil, Devi Thirupathi,

International Journal of Algorithms and Computational Technology, 4(4), 395 - 408 (2010).

9. [Effective dimension reduction techniques for text documents,](#)

P. Ponmuthuramalingam, T. Devi,

International Journal of Computer Science and Network Security, 10(7), 101 - 109 (2010).

8. Design and development of a procedure to test the effectiveness of the object-oriented design,

K. P. Srinivasan, T. Devi,

International Journal of Engineering Research and Industrial Applications, 2(6), 15 - 25 (2009).

7. [Confluence Property determination using Associative Law,](#)

R. Manicka Chezian, T. Devi,

International Journal of Engineering Research and Industrial Applications, 2(2), 349 - 358 (2009).

6. [Product functionality information model for managing the product development process,](#)

Sam Albert, T. Devi,

International Journal of Recent Trends in Engineering (Computer Science), 1(2), 214 - 219 (2009).

5. [Design of an Information Model for Feedback Control,](#)

A. V. Ramani, T. Devi,

International Journal of Recent Trends in Engineering (Computer Science), 1(1), 583 - 586 (2009).

4. [Multi-agent co-ordination in project scheduling: priority rules based resource allocation,](#)

V. Thiagarasu, T. Devi,

International Journal of Recent Trends in Engineering (Computer Science), 1(2), 42 - 46 (2009).

3. Continual queries for updating web information using time based triggers,

R. Manicka Chezian, T. Devi,

ACCST Research Journal, 5, 4 (2009).

2. The dimensions of modelling feedback in software process,

A.V. Ramani, T. Devi,

Research Highlights, 15, (2005).

1. Practical steps for aligning information technology with higher education,

S. Ignacimuthu, T. Devi, K. Sarukesi,

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