

CURRICULUM VITAE

1. Name : **Dr. P. THAMBIDURAI**

2. Present Designation : PROFESSOR OF CSE AND
PRINCIPAL



3. Present Pay and Scale of Pay:

Scale of Pay : Rs. 54,670 with AGP Rs. 10,000

4. Address (Office) :PRINCIPAL
Perunthalaivar Kamarajar Institute of Engineering &
Technology (PKIET)
(Government of Puducherry Institution)
Karaikal – 609 603.

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(Residence) : BLOCK – A, PROFESSORS’ QUARTERS
PONDICHERRY ENGINEERING COLLEGE
CAMPUS, PUDUCHERRY 605 014.

5. Date of Birth : 13 - 06 – 1958 **Age** : 52 yrs (as on 13.06.2010)

6. Nationality : INDIAN

7. Languages Known : Tamil, English, Hindi (manageable level)

8. Family Status : Married (1 Female child : DOB 14.09.1995)

9. Educational Qualifications :

Degree	Board / University	Specialization	Year of Passing	Percentage of Marks
Ph.D.	Alagappa University, Karaikudi 630 003.	Computer Science	1995	-
M.E.	Anna University, Chennai – 600 025.	Computer Science & Engineering	1984	71%
M.Sc.	University of Madras, Chennai – 600 005.	Mathematics	1982	3.93 / 6.00 (CGPA)
B.Sc.	University of Madras, Chennai- 600 005.	Mathematics	1980	75%
P.U.C	Secondary Board Government of Tamilnadu	Mathematics, Physics and Chemistry	1976	55%
S.S.L.C (XI Std)	Secondary Board Government of Tamilnadu	Engineering	1975	65%

10. Membership and Positions held in Professional Societies :

- Fellow, Institution of Engineers (India)
- Life Member, Computer Society of India
- Member, IEEE
- Member, Indian Society for Technical Education
- Chairman, CSI, Pondicherry Chapter (2003-2005)

11. Research Guidance :

Degree	Awarded	No. of scholars Submitted / Awaiting Viva voce exam	No. of scholars pursuing
Masters Thesis (MCA and M.Sc (Computer Science / Communication)	> 200	-	-
M.Phil. (Computer Science) / M.E. (CSE)	10 / 5	-	-
Ph.D. (CSE)	10	2	5

12. **Areas of Specializations** : Data Compression
 Natural Language Processing
 Distributed Systems
 Software Architecture
 Databases, MANETs

13. Experience (Academic) :

(i) Principal (19.11.2007 – Till date)

Officer on Special Duty (From 04.06.2007 to 18.11.2007)

Responsibilities :

- Establishment of Government sponsored new Engineering College at Karaikal.
- Introduction of B.Tech. (CSE), B.Tech.(IT) and B.Tech.(ECE) programmes from the academic year 2007-08
- Inauguration of the College : On 15.11.2007
- Academic activities from : 16.11.2007
- Recruitment of Teaching and Non-Teaching staff
- Setting up of labs
- Member Secretary, Staff (Teaching) Selection Committee, Staff (Non-Teaching) Selection Committee, Academic Committee and so on
- Co-ordinating the University and AICTE activities

(ii) Professor of Computer Science Department of Computer Science & Engineering and Information Tech. 30.08.1999 – 03.06.2007 Pondicherry Engineering College (Head : Pondicherry – 605 014. From 30.08.1999 to 14.08.2006)

Responsibilities :

- Teaching and conducting regular students' lectures
- Introducing new programmes :
 - B.Tech. in Information Technology (2001)
 - M.Tech. in Computer Science and Engineering with specialization in Distributed Computing Systems (2002)
 - Ph.D. in Computer Science and Engineering (2002).
 - M.Tech. in Computer Science and Engineering with specialization in Information Security (2006)
- Setting up of new labs :
 - CASIT Lab – IBM systems with mainframe software (2000)
 - Thin/Client Lab – SUN workstations & related Software (2002)
 - Wireless LAN Lab – P4 Systems with Intel access points (2002)
 - Conventional Labs with state-of-art computing facilities. (2002 - 2006)

- Setting up of Browsing Centre as Central facility with 2 Mbps leased line from Software Technology Parks of India (STPI).
- Strengthened the Faculty members through creating posts for the newly introduced programmes. Increase in Non-teaching staff has also taken place.
- Encouraging the faculty to present papers in national / international conferences and journals
- Encouraging the faculty to submit R & D project and pursue research at doctoral level
- Encouraging the faculty to organize continuing education programmes
- Providing better facilities and working environment for faculty
- Arranging guest lectures for the benefit of the students and staff members
- Motivating students to participate in technical meets organized by various colleges
- Member, Campus Networking
- Technical Co-ordination in the conduct of both Theory and Laboratory sessions for PGDPIT programme conducted by erstwhile IIIT-P (2000)

**(iii) Professor of Computer Science Department of Computer Science & Engg. Bharathiar University
(28.08.1995 - 29.08.1999) Coimbatore – 641 046.**

Responsibilities :

- Teaching and conducting regular students' lectures
- Assisting students in software development
- Conducting seminars/tutorials/tests/assignments and evaluating students
- Guidance of Research scholars leading to the degrees of Ph.D. and M.Phil.
- Arranging and guiding MCA and M.Sc (Computer Communication) final semester projects
- Organising National level Seminars / Workshops in recent trends

- Writing course materials for B.Sc (Computer Science) and PGDCA Distance Education students
- Co-ordinating part-time Certificate Course in “Computers for Bank Officials”
- Handling courses for Certificate Course in “Computers for TNEB officials”
- Organising National level Students’ Technical meet

**(iv) Reader in Computer Science Department of Computer Science &
Engg. Bharathiar University
(28.08.1989 - 27.08.1995) Coimbatore – 641 046.**

Responsibilities :

- Teaching and conducting regular students’ lectures
- Assisting students in software development
- Conducting seminars/tutorials/tests/assignments and evaluating students
- Placement Officer, Department of Computer Science and Engineering, Bharathiar University
- Arranging and guiding MCA and M.Sc (Computer Communication) final semester projects
- Organising National level Seminars / Workshops in recent trends
- Writing course materials for B.Sc (Computer Science) and PGDCA Distance Education students
- Co-ordinating part-time Certificate Course in “Computers for Bank Officials”
- Handling courses for Certificate Course in “Computers for TNEB officials”
- Organising National level Students’ Technical meet
- Preparation of Student manuals for laboratory classes (AIX for Users, Oracle 8.0 and Computer Graphics)

(v) Lecturer in Computer Science Department of Computer Science &
Engg. Annamalai University
(21.08.1985 - 27.08.1989) Annamalainagar – 608 002.

Responsibilities :

- Teaching regular students' lectures
- Assisting students in software development
- Conducting seminars/tutorials/tests/assignments and evaluating students
- Coordinating and conducting part-time certificate courses for the benefit of the students
- Coordinator, Correspondence course on “Diploma in Systems Analysis and Data Processing”
- Mark sheet processing of various Correspondence courses
- Arranging and conducting the contact classes for Correspondence courses in various centers throughout the country
- Consultancy work involving software development for private firms

(vi) Software Trainee **Indian Telephone Industries**
Dooravani Nagar
21.08.1985 - 26.08.1989 **Bangalore – 560 016.**

Responsibilities :

- Software development

14. Experience (Administration) :

(i) Principal (19.11.2007 – Till date)
Officer on Special Duty (From 04.06.2007 - 18.11.2007)

Responsibilities :

- Establishment of Government sponsored new Engineering College at Karaikal

- From the scrap, all work related to establishment including preparation of DPR, proposals to AICTE and process in Five phases, proposal to Pondicherry University, Expert Committee visits, setting up of labs, faculty and non-teaching staff recruitment, etc.
- Formation Society : Engineering College (Karaikal) Society
- Functioning as Member-Secretary for Governing Body, Purchase Committee, Department Promotion Committee
- Inauguration of the College : On 15.11.2007
- Appellate Authority to RTI Act, 2005
- Overall administration of the Institute
- Further development work in progress

**(ii) Professor of Computer Science Department of Computer Science & Engineering and Information Technology
30.08.1999 – 03.06.2007
(Head : Pondicherry Engineering College
From 30.08.1999 to 14.08.2006) Pondicherry – 604 014.**

Responsibilities :

- Development of Department and Administration
- Setting up of Labs with state-of-art facilities
- Interaction with Government, AICTE, University to introduce new courses
- Creation of Faculty and Non-teaching positions
- Co-ordinator, Admission Processing for Post Graduate Degree Programme in Information Technology (PGDPIT) of erstwhile Indian Institute of Information Technology, Pondicherry (IIIT-P) (2000)
- Vice Chairman, Choice Based Credit System (CBCS) (2000 – 2006)
- Chairman, B.Tech.(CSE) and B.Tech.(IT) examinations, Pondicherry University (2000 – 2006)
- MoU with Microsoft to set up “Microsoft Research Centre” with all sorts of Software
- MoU with IBM to get installed DB/2 mainframe and TIVOLI software and training programme to Faculty and Students through “IBM Academic Initiative” programme

- **Consultancy (2003 – 06) :**

- Computerization of IMFL shops, Govt. of Pondicherry (Rs. 0.60 lakh)
- Imparting Computer Training to Recruit Police Constables (3 Batches) (Rs. 4.918 lakhs)
- Imparting Computer Training and Technical Guidance to Government Higher Secondary Schools, Government of Pondicherry (5 year project) (Rs. 6.4925 lakhs)
- Development of Web based Database using BPL Survey 2003 and preparation of Ration Card to the families of UT of Pondicherry. (Rs. 14.00 lakhs)

- **Continuing Education :**

Convenor (from inception in 2000), Centre for Continuing Education (CCE) (Formerly Town Centre) : Setting up of Centre for Continuing Education (CCE) and conducting short-term courses for Government Officials, PWD Engineers, Press workers, etc., to enable them to automate their office day to day activities. So far 81 short-term courses have been conducted, and 1955 Government employees and 286 Private candidates have been trained in the CCE for a period from January 2000 to June 2006.

**(iii) Professor and Head
(28.08.1995 - 29.08.1999)**

**Department of Computer Science & Engg.
Bharathiar University, Coimbatore– 641 046.**

Responsibilities :

- Development of Department and Administration
- PG admission processing
- Placement Officer
- Chairman, University Examinations / PG Central Valuation.
- Member, Annual Report Committee
- Co-ordinating the Distance Education programmes B.Sc. (Computer Science), M.Sc.(Computer Science) and MCA
- Assisting the University for granting affiliation to start new courses in colleges affiliated to Bharathiar University
- President, Computer Science Society of Bharathiar University

15. Expert Memberships :

(i) National Organisations :

- Serving as an Adviser to Union Public Service Commission (UP SC), New Delhi as subject expert (since 1993) [UPSC Adviser id : 00008819].
- Served as an Expert to University Grants Commission (UGC), New Delhi for reviewing and recommending major and minor projects submitted by educational institutions (1990 – 1999).
- Serving as an Expert to All India Council for Technical Education (AICTE), New Delhi for granting continuation of affiliation / introducing new programmes / variation in intake to various Engineering colleges in the South West and South region of the country (since 2000).
- Serving as an Expert to National Board of Accreditation / All India Council for Technical Education (NBA/AICTE), New Delhi for assessing the quality of technical education of various Engineering colleges in the country (since 2001).
- Provided technical expertise to Tamil Nadu Public Service Commission (TNPSC), Government of Tamil Nadu, Madras in conducting examinations for recruiting professionals (1990-1999).
- Serving as an Expert to Government of Tamil Nadu and the U.T. of Pondicherry for purchasing of computers and software in Government / Aided / Autonomous bodies (since 1990).

(ii) Faculty Selection Committees :

- Member of Faculty Selection Committee of Bharathiar University, Annamalai University, Manonmaniam Sundaranar University, Madras University, Alagappa University, Pondicherry University.
- AICTE nominated Faculty Selection Committee member for many Engineering Colleges in Tamilnadu and Pondicherry.

(iii) Academic Committees :

- Member, Court of Pondicherry University (April 2009 – 3 year term)
- Member, Boards of Studies in Computer Science (UG & PG), Pondicherry University
- Chairman, Board of Studies in Computer Science (PG), Bharathiar University from January 1998 - December 2000 (3 years)

- Member, Academic Committee of IIIT-P (2000)
- Member, Boards of Studies in many Universities and Autonomous Institutions
- Examiner for State Entrance Test (SET), Lecturership qualification, Tamilnadu State & U T of Puducherry.

(iv) Government Committees :

- Member, Government of Tamil Nadu Examinations (1990-1999).
- Co-ordinator, CENTAC-MCA, Govt. of Pondicherry (2000 – 2006).
- Member, IT Task Force, Government of Pondicherry (since 2000).
- Member, Implementation of e-Governance in the UT of Puducherry (Since 2006)
- Technical Expert, Imparting Computer Education in Govt. Higher Secondary Schools, UT of Pondicherry (Five year project : academic years 2002-2007).

(v) Pondicherry Engineering College :

- Co-Chief Investigator, Information Security Education Awareness (ISEA) project, promoted by the Department of Information technology, Ministry of Communication and Information Technology, Govt. of India.
- Purchase Committee
- Academic Committee
- Admission Committee
- Department Promotion Committee (DPC)

16. Conferences / Seminars / Workshops, etc. organized :

- Co-ordinator, National Seminar on “Computer Technology and Informatics”, January 4-5, 1991, Bharathiar University, Coimbatore
- Co-ordinator, National Seminar on “Multimedia System development”, January 10-11, 1997, Bharathiar University, Coimbatore in Collaboration with M/S PentaFour, Chennai
- ISTE / AICTE sponsored STTP on “Data Compression for Multimedia Applications”, 13 – 24, June 2000

- Chairman, Workshop on “Revamping of Syllabi for PG courses in Computer Science”, 9th January 2000 at Hotel Residency, Coimbatore.
- Resource person for the AICTE Sponsored National Workshop on “Modernizing the Curriculum of MCA”, March 10-11, 2000 organised by Anna University, Chennai.
- Co-ordinator, ISTE / AICTE sponsored STTP on “Advances in Multimedia Applications” in collaboration with Anna University, Dec. 11-24, 2004.
- Organising Secretary, International Conference on “Information Security (ICIS 2005)”, 7 – 9, December 2005 sponsored by the Department of Information Technology, Ministry of Communication and Information Technology, Govt. of India.
- Co-Chief Investigator, Department of Information Technology, Govt. of India sponsored Two weeks STTP on “Information Security”, Nov. 13-24, 2006.

17. Courses Taught :

- ✓ Master of Technology M.Tech. CSE (Distributed Computing Systems)
- ✓ Master of Technology M.Tech. CSE (Information Security)
- ✓ Post Graduate Degree Programme in Information Technology (PGDPIT)
- ✓ Master of Philosophy (M.Phil.)
- ✓ Master of Computer Applications (M.C.A.)
- ✓ Master of Science (M. Sc.) in Computer Science
- ✓ Master of Science (M.Sc.) in Computer Communication
- ✓ Master of Science (M.Sc.) in Software Systems
- ✓ Master of Business Administration (M.B.A.)
- ✓ Post Graduate Diploma in Computer Applications (PGDCA)
- ✓ Bachelor of Technology (B.Tech.) in Computer Science
- ✓ Bachelor of Science (B.Sc.) in Computer Science

18. Training Programmes attended :

S.No.	Title	Duration	Institution
1.	AICTE/ISTE Winter School on "CAI"	09 - 21, Dec. 1985	IIT, New Delhi
2.	Workshop on "CAD/CAM/CAE"	03 - 04, Sep. 1984	Annamalai University
3.	National Conference on "CAD/CAM"	22 - 24, Sep. 1989	PSG College of Tech., Coimbatore
4.	Workshop on "Imparting Science writing skills to college Teachers"	21 - 24, Feb. 1990	Bharathiar University, Coimbatore
5.	AIU Workshop on "Question Bank"	28 - 30, Nov. 1990	Avanashilingam University Coimbatore
6.	AICTE/ISTE Winter School on "Pattern Recognition and Neural Networks"	15 - 28, Nov. 1991	School of Computer Science & Engg., Anna University, Chennai
7.	AICTE/ISTE Winter School on "Local Area Networks"	16 - 30, Dec. 1991	Ramanujan Computing Centre, Anna University, Chennai
8.	National level Workshop on "Recent trends in Parallel and Distributed Computing"	23 - 24, Dec. 1996	Pondicherry University, Pondicherry
9.	Training on "AIX/6000 for Users"	26 - 27, Dec. 1996	TISL, Bangalore
10.	Training on "AS/400"	25.04.1995 to 07.05.1996	LINC Software (P) Ltd., Bangalore
11.	National level Seminar on "Multimedia Software Development"	10 - 11, Jan. 1997	Bharathiar University
12.	National level Seminar on "Object Oriented Programming"	22 - 24, Dec.1998	Pondicherry University
13.	AICTE Workshop on "Modernising the Curriculum of MCA"	10 - 11, Mar. 2000	Ramanujan Computing Centre, Anna University
14.	AICTE Workshop on "Orientation Programme to AICTE experts"	30th March 2000	Organised by AICTE at TTTI, Taramani, Chennai
15.	Workshop on "e-nnovation : Buyer - Seller Meeting and Potentials of European Markets for Indian e-Commerce companies"	21st February 2001	France - India Trade (FIT), Exim Bank of India Bangalore 25
16.	UGC sponsored Workshop for College Principals		Academic Staff College, Pondicherry University

19. Experience in Computer Systems :

Hardware Platform :

System / platform	Period	Institution
IBM 1620	Sep.83 - Dec.84	Anna University, Madras
DEC 10	Sep.83 - Feb.85	Indian Telephone Industries Ltd., Bangalore
IBM 316 CAD workstation	Aug.85 - Aug.89	Annamalai University, Annamalai nagar
HORIZON III LAN	Sep.89 - Dec.93	Bharathiar University, Coimbatore
LAN (486 server and 386 SX nodes)	From 1993 onwards	Bharathiar University, Coimbatore
LAN (Pentium server with 486 DX2 nodes in Windows platform)	From 1995 onwards	Bharathiar University, Coimbatore
IBM AS/400	April 95 – May 95	Ravichandra Systems, Coimbatore
IBM RS/6000 in AIX platform. Pentium III with Celeron nodes and Multimedia systems	May 1995 – Aug. 1999	Bharathiar University, Coimbatore
P3/P4 systems, SUN Workstation, Wireless LAN, IBM Mainframe systems	From 1999 onwards	Pondicherry Engineering College, Pondicherry.

Software Platform :

Operating Systems : CP/M, DOS, UNIX, OS/2, AIX, Novel NetWare 3.11, Windows 98, Windows NT, Windows 2000, XP, VISTA

Languages : FORTRAN, BASIC, COBOL, Pascal, C, C++, COBOL/400, PROLOG, LISP, RPG/400, ABAP/4

RDBMS : DB/2, ORACLE 8.0, SQL, Visual Basic 6.0

Application Packages : MS-OFFICE 2010, AutoCAD 2000, CCIS

20. Research Experience and Publications :

International Journals / Book Series :

1. A. Kumar and P. Thambidurai, "Collaborative Web Recommendation Systems – A Survey Approach," *Global Journal of Computer Science and Technology*, Vol. 9, Issue 5 (Ver 2.0), 2010, pp. 30-35
2. A. Kumar and P. Thambidurai, "A New Collaborative Web Recommendation Systems based on Association Rule Mining," *International Journal of Computer Science and Information Security*, Vol.8, No. 3, 2010, pp. 222-227.
3. R. Kalpana and P. Thambidurai, "Optimization of Landmark preprocessing with Multicore Systems," *Journal of Computing*, Volume 2, Issue 8, August 2010, ISSN 2151-9617.
4. Santhi Baskaran, P. Thambidurai, "Energy Efficient Real-Time Scheduling in Distributed Systems," *International Journal of Computer Science Issues*, Volume 7, Issue 3, No 4, May 2010, Pg 35-42.
5. R. Kalpana and P. Thambidurai, "Combining Speedup techniques based on Landmarks and Containers," *International Journal on Computer Science and Engineering (IJCSE)*, Volume 2 Issue 6, 2010, pp.2212-2222.
6. A. Christy and P. Thambidurai, "CTSS: A Tool for Efficient Information Extraction with Soft Matching Rules for Text Mining," *Journal of Computer Science* 4(5): 375-381, 2008 Science Publications.
7. M. Ezhilarasan and P. Thambidurai, "Simplified Block Matching Algorithm for Fast Motion Estimation in Video Compression," *Journal of Computer Science* 4(4): 282-289, 2008 Science Publications.
8. A. Christy and P. Thambidurai, "Improved Information Extraction for Text Mining with Soft Matching Rules and Exceptions," *Academic Open Internet Journal* Volume 22, 2008, ISSN 1311-4360.
9. G. Zayaraz and P. Thambidurai, "COSMIC FFP Based Quality Measurement and Ranking Framework for Software Architectures," *Software Quality Professional Journal*, American Society for Quality, USA, March 2008.
10. G. Zayaraz and P. Thambidurai, "Quantitative Evaluation of Software Architectures using Hypothetical Equivalents and Strength of Preference Method," *Software Quality Professional Journal* (Submitted).
11. G. Zayaraz and P. Thambidurai, "Software Architecture Decision Support Framework using AHP," *The Icfai Journal of Systems Management*, Volume 5 Number 1, The ICFAI University Press, India, February 2007.

12. F. Sagayaraj Francis and P. Thambidurai, "Efficient Physical Organization of R - Trees Using Node Clustering," *Journal of Computer Science*, vol. 3, no. 7, pp. 506-514, 2007.
13. F. Sagayaraj Francis and P. Thambidurai, "An Efficient Method to Estimate the Number of Node Accesses in R*-trees for Window Queries," *Journal of Advance Research in Computer Engineering*, vol. 1, nos. 1-2, pp. 9-24, 2007.
14. G. Zayaraz and P. Thambidurai, "Quantitative Model for the Evaluation of Software Architectures," *Software Quality Professional*, Volume 9, Issue 3, June 2007, pp. 28 - 40.
15. R. Manoharan, P. Thambidurai and S. Ramesh, "Power aware scalable multicast routing protocol for MANETs," *International Journal of Telecommunication Systems*, Volume 19, Issue 10, December 2006, pp. 1081-1165.
16. S. Kanmani, V. Rhymond Uthariayaraj, V. Sankaranarayanan, and P. Thambidurai, "Object-oriented software fault prediction using neural networks," *International Journal of Information and Software Technology*, July 2006, (Available online at www.sciencedirect.com).
17. A. Christy and P. Thambidurai, "Efficient Information Extraction Using Machine Learning and Classification Using Genetic and C4.8 Algorithms", *Information Technology Journal* 5(6): 1023 – 1027, 2006.
18. A. Christy and P. Thambidurai, "Feature Selection for Efficient Text Categorization and Knowledge Discovery Using Classification Techniques," *Asian Journal of Information Technology Journal* 5(8): 872-876, 2006.
19. A. Christy and P. Thambidurai, "Efficient Information Extraction using Machine Learning and Classification Using Genetic and C4.8 Algorithms," *Information Technology Journal* 5(6), 2006. Pp. 1023-1027.
20. S. Srinivasan and P. Thambidurai, "Phrase Based Approach for Document Preparation," *Asian Journal of Information Technology Journal* 5(1): 61-64, 2006.
21. M. Ezhilarasan and P. Thambidurai, "A hybrid direction-based block matching algorithm for fast motion estimation in video coding," *International Journal of Technology, Knowledge and Society*, Volume 2, No. 1, 2006, pp. 71-77.
22. M. Ezhilarasan and P. Thambidurai, "A hybrid transformation technique for video coding," *Lecture Notes in Computer Science*, LNCS 4308, Springer-Verlag Berlin Heidelberg, pp. 503-508, 2006.
23. G. Zayaraz, P. Thambidurai, Madhu Srinivasan, Paul Rodrigues, "Software quality assurance through COSMIC FFP," *ACM SIGSOFT Software Engineering Notes*, Volume 30, Issue 5, September 2005, pp. 1-5.
24. E. Ilavarasan, P. Thambidurai and N. Punithavathi, "Task scheduling Algorithm for interconnection constrained network of Heterogeneous processors," *Lecture Notes in Computer Science*, Springer-Verlag, Volume 3356/2004, 2004, pp.31-39.

25. R. Manoharan, P. Thambidurai and S. Pradhiba, "QOS Driven Online Multicast Routing Algorithm," Lecture Notes in Computer Science, Springer-Verlag, Volume 3356/2004, 2004, pp. 87-96.
26. P. Stanley Christopher, P. Thambidurai, "A Linear Transition Path of Image Sequences in Facial Expression using Image Metamorphosis," International Journal of Image and Graphics (IJIG), New Jercey, Aug. 2004.
27. S. Kanmani, V. Rhymond Uthariayaraj, V. Sankaranarayanan, and P. Thambidurai, "Measuring the Object-Oriented Properties in Small Sized C++ Programs – An Empirical Investigation," Lecture Notes in Computer Science, LNCS 3009, Springer-Verlag, pp. 185 – 202, 2004.
28. G. Zayaraz, P. Thambidurai, S. Kuppaswami and P. Rodrigues, "New Approach to Software Architecture," ACM SIGSOFT Software Engineering Notes, Vol. 28, Issue 2, USA, March 2003, page 17.

National Journals :

1. A. Kumar and P. Thambidurai, "Collaborative Web Recommendation Systems based on an Effective Fuzzy Association Rule Mining Algorithm (FARM)," Indian Journal of Computer Science and Engineering, Vol.1, No. 3, 2010, pp.184-191.
2. A. Christy and P. Thambidurai, 2008. "Extracting the information contained in electronic documents: A pattern matching algorithm for Text Mining", Journal of Computer Applications, Vol 1, Issue 2, ISSN: 0974-1925, pp. 18-21.
3. S. Kanmani, V. Sankaranarayanan, and P. Thambidurai, "External System Characteristics Assessment using Object Oriented Inheritance Metrics," The Journal of the Computer Society of India, " Vol. 32 No.2, June 2002 pp. 5-12. (Obtained CSI Best paper award)

International Conferences / Workshops :

1. G. Karthi, M. Ezhilarasan and P. Thambidurai, 'Enhanced Collusion-Resistant Fingerprinting for Multimedia,' Proceedings of the Second International conference on Information Processing (ICIP-2008), University Visvesvaraya College of Engineering, Bangalore Univeristy, India, pp.108-116, 08-10, August 2008.
2. R. Kalpana and P. Thambidurai, 'Dataset Retrieval Processing Using Binary Decision Diagrams Under a Classification Tree model,' Proceedings of the International Conference on Advances in computing(ICAC 2008), Anuradha Engineering College, Chikhli, Maharashtra, India, 21-22, February 2008.
3. R. Kalpana and P. Thambidurai, 'Effective use of Data mining Techniques in Distributed Data allocation,' Proceedings of the International conference on Resource utilization and Intelligent Systems (INCRUIS2k8), Kongu Engineering College, Perundurai, Tamilnadu, India, 3-5 January 2008.

4. R. Kalpana and P. Thambidurai , ‘Impact of Dynamic (changing access requests) in Multi Server Distributed Databases and use of Ontology Schema,’ Proceedings of the International conference on Information systems and Technology, MES College of Engineering, Kuttipuram, Kerala, India, pp.151-156, 14-15 December 2007.
5. R. Kalpana and P. Thambidurai, ‘Flexible Task allocation Technique for Double Credited Multi Domain Peers,’ Proceedings of the International conference on Trendz in Information Sciences and Computing, Sathyabama University, Chennai, India, Volume II, pp.640-643 . 12-14 December 2007.
6. G. Zayaraz and P. Thambidurai, “Hybrid Approach for Evaluation of Software Architectures, ICSOFT 2008,” 3rd International Conference on Software and Data Technologies, July 5-8, 2008, Porto, Portugal (Under Review).
7. G. Zayaraz and P. Thambidurai, “Quantitative Measurement of Software Architectural Qualities through Cosmic FFP,” IEEE Annual Conference Indicon 2006, Sept 15-17, 2006, India.
8. G. Zayaraz and P. Thambidurai, “A New Approach to Software Architecting Process,” International Conference on Recent Trends in Information Systems, Jan 6-8, 2006, India.
9. G. Zayaraz and P. Thambidurai, “Pattern Selection and Application Framework for achieving Software Quality,” Proceedings of the International Conference on Resource Utilization and Intelligent Systems, Jan 6-8, 2006, India.
10. M. Ezhilarasan and P. Thambidurai, “A Hybrid transform coding for video codec,” 9th IEEE International Conference on Information Technology (ICIT 2006), pp. 117-120, Bhubaneswar, India, Dec. 2006.
11. R. Manoharan and P. Thambidurai, “Hypercube based team multicast routing protocol for mobile Ad hoc Networks,” 9th IEEE International Conference on Information Technology (ICIT 2006), pp. 70-73, Bhubaneswar, India, Dec. 2006.
12. F. Sagayaraj Francis, P. Thambidurai and D. Pavan Kumar, “An Improvement to the Length Estimation based Methods to analyze the performance of R* Trees,” 14th International Conference on Advanced Computing & Communications – ADCOM 2006, pp. 376-381, NITK, Surathkal, India, Dec. 2006.
13. F. Sagayaraj Francis, P. Thambidurai, Pavan Kumar Dandolu, “An Improvement to the Length Estimation Based Methods to Analyse the Performance of R*-trees,” Proceedings of the 14th International Conference on Advanced Computing and Communications, pp. 376-381, 2006, Surathkal, India.
14. F. Sagayaraj Francis, P. Thambidurai, B. S. Bharadwaj, G.N. Balagei, N. Hemant, “An Improved and Efficient Storage Technique for GIS Geometric Primitives Based on Minimum Bounding Rectangles,” Proceeding of the 9th Annual International Conference, Map India, Geomatics, pp. 15-15, 2006, New Delhi.
15. M. Ezhilarasan and P. Thambidurai, “A Hybrid DWT-DCT based video coding,” in IEEE INDICON 2006, New Delhi, India, 15-17, Sept. 2006.

16. M. Ezhilarasan, P. Thambidurai and G. K. Nagarajan, "Modified SPIHT algorithm for wavelet based image compression," in the Proceedings of 4th International Conference on Computer Science and its Applications (ICCSA- 2006), pp. 213-217, California, USA, June 2006.
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