

"Periyasamy Pitchaipillai"
(23+ Years of Teaching and Research Experience in Computer Science and Applications)



Faculty of Computer Science & Applications

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Objective	An enthusiastic, adaptive and fast-learning person with a broad mind and acute interest in developing innovative solutions for emerging problems by applying new skills and facing new challenges.
Education	<p>Doctorate of Philosophy (Ph.D.) Government Arts College, Udumalpet – 642 126 Bharathiar University, Coimbatore, Tamil Nadu, India Computer Science Regular (Part Time) Highly Commended 2010–2016</p> <p>Master of Philosophy (M.Phil.) Sri Ramakrishna Mission Vidyalaya College of Arts and Science Periyanaickenpalayam – 641 020 Bharathiar University, Coimbatore, Tamil Nadu, India Computer Science Regular (Part Time) 58.33 % / Commended on Thesis 2003–2005</p> <p>Master of Computer Applications (M.C.A.) Thanthai Hans Roever College, Elambalur, Perambalur – 621 212 Bharathidasan University, Tiruchirappalli, Tamil Nadu, India Computer Applications Regular (Full Time) 67.46 % / First Class 1996–1999</p> <p>Bachelor of Computer Science (B.Sc.(CS)) Thanthai Hans Roever College, Elambalur, Perambalur – 621 212 Bharathidasan University, Tiruchirappalli, Tamil Nadu, India Computer Science Regular (Full Time) 65.18 % / First Class 1993–1996</p> <p>Higher Secondary Course Certificate (H.S.C) Little Flower Higher Secondary School, Annamangalam, Perambalur – 621 212 Tamil Nadu State Board, Tamil Nadu, India Pure Science Group (Physics, Chemistry, Botany, Zoology) Regular (Full Time) 60.25 % / First Class 1990–1992</p> <p>Secondary School Leaving Certificate (S.S.L.C) Government High School, Anukkur, Perambalur – 621 219 Tamil Nadu State Board, Tamil Nadu, India General Group (Tamil, English, Mathematics, Science, History and Geography) Regular (Full Time) 67.8 % / First Class 1984–1990</p>
Total Experience	23+ Years of Experience in Teaching and Research in Computer Science and Applications
No. of M.Phil./ Ph.D. Guided	12 M.Phil. Scholars

**Professional
Career
Experience****04–Mar-2022 – Till date (3 months, 2 days (as of 06-June-2022))****Head and Associate Professor in Computer Science and Applications,
East Point College of Higher Education, Jnana Prabha, East Point
Campus, Virgonagar Post, Avalahalli, Bangalore – 560 049, Karnataka,
India**

Main Responsibilities include:

- Teaching and assisting in the delivery of academic education courses
- Assisting students in software development
- Conducting seminars/tutorials/tests/assignments and evaluating students
- Preparation of student's laboratory manuals for various courses such as C, C++, RDBMS, and JAVA.
- Organizing National / International level seminars / workshops / conferences in recent trends
- Motivating students to participate in technical meets organized by various universities
- Motivating the faculty and students to involve in consultancy work to develop softwares for private firms

In addition, I'm involved in several administrative, academic, and cultural activities in the College/University, include:

- Since 2005 **Question Paper Setter** for various autonomous colleges in Tamil Nadu, India.
- Since 2019 acted as an **Unversiy Nominee in Board of Studies (BoS)** to Bachelor of Computer Applications (BCA) course at Sri GVG Visalakshi College for Women, Udumalpet, Tamil Nadu, India.
- Since 2019 served as a **Doctoral Committee Member** for **Ph.D (Computer Science) Programme** at Bharathiar University, Coimbatore, Tamil Nadu, India

28–Sep-2020 – 03-Mar-2022 (1 year, 5 months, 3 days)**Associate Professor in Computer Science and Applications
SRM Trichy Arts and Science College, SRM Nagar, Trichy - Chennai
Highway, Near Samayapuram, Trichy - 621 105, Tamil Nadu, India**

Main Responsibilities include:

- Teaching and assisting in the delivery of academic education courses
- Conducting seminars/tutorials/tests/assignments and evaluating students
- Preparation of student manuals for laboratory classes (C, C++, RDBMS, and JAVA courses)
- Assisting National / International level seminars / workshops / conferences in recent trends
- Assisting department students to get a job in India
- Motivating students to participate in technical meets organized by various universities

In addition, I'm involved in several administrative, academic, and cultural activities in the College/University, include:

- Since 2005 **Question Paper Setter** for various autonomous colleges in Tamil Nadu, India.
- Since 2020 the Bharathidasan University, Trichy, Tamil Nadu, India nominated as an **External Examiner** for both theory and practical examinations.
- Since 2019 acted as an **Unversiy Nominee in Board of Studies (BoS)** to Bachelor of Computer Applications (BCA) course at Sri GVG Visalakshi College for Women, Udumalpet, Tamil Nadu, India
- Since 2019 served as a **Doctoral Committee Member** for **Ph.D (Computer Science) Programme** at Bharathiar University, Coimbatore, Tamil Nadu, India

*Professional
Career
Experience
(Cont...)*

28-Apr-2020 – 27-Sep-2020 (5 months)

Associate Professor in Computer Science and Applications

Aravindar Arts And Science College, Kalasappakam, Thenpallipattu Village, Thiruvannamalai - 606 751, Tamil Nadu, India

Main Responsibilities include:

- Teaching and assisting in the delivery of academic education courses
- Preparation of Student manuals for laboratory classes (C, C++, RDBMS and JAVA courses)
- Motivating students to participate in technical meets organized by various universities

03-Jan-2008 – 27-Apr-2020 (12 years, 3 months, 25 days)

Associate Professor in Master of Computer Applications (MCA)

Sree Saraswathi Thyagaraja College (Autonomous), Pollachi – 642 107, Tamil Nadu, India

Main Responsibilities include:

- Teaching regular student's lectures
- Assisting students in software development
- Conducting seminars/tutorials/tests/assignments and evaluating students
- Preparation of student's laboratory manuals for various courses such as Linux Programming, Core & Advanced Java Programming and Web Server Side Programming Languages, etc
- Guiding M.C.A. students for their final semester projects
- Assisting to Organize National / International level seminars / workshops / conferences in recent trends
- Assisting department students to get a job in India and abroad
- Coordinating with students for taking placement and soft-skill training intensively
- Motivating students to participate in technical meets organized by various universities
- Consultancy work involving software development for private firms

In addition, I'm involved in several administrative, academic, and cultural activities in the College/University, include:

- Since 2015 the Bharathiar University, Coimbatore, Tamil Nadu, India nominated as an **Inspection Commission Member** for continuing/new programmes affiliation to various autonomous colleges.
- Since 2005 **Question Paper Setter** for various autonomous colleges in Tamil Nadu, India.
- Since 2003 the Bharathiar University, Coimbatore, Tamil Nadu, India nominated as an **External Examiner** for both theory and practical examinations.
- Since 2009 acted as a **Member of Board of Studies (BoS) and Advisory Committee** to Master of Computer Applications (MCA) course at Sree Saraswathi Thyagaraja College, Pollachi, Coimbatore, India
- Since 2019 acted as an **University Nominee in Board of Studies (BoS)** to Bachelor of Computer Applications (BCA) course at Sri GVG Visalakshi College for Women, Udumalpet, Tamil Nadu, India
- Since 2019 served as a **Doctoral Committee Member** for **Ph.D (Computer Science) Programme** at Bharathiar University, Coimbatore, Tamil Nadu, India
- Guiding Research Scholars leading to the degree of M.Phil.
- Providing consultancy support for MOODLE Software to conduct online examinations for students
- Leading the students to develop autonomous examination system software for Controller of Examinations
- Leading the students to develop smart campus project for the entire campus

**Professional
Career
Experience
(Cont...)****01-Sep-2006 – 31-Dec-2007 (1 year, 4 months)****Lecturer in Computer Science****Sri Vinayaga College of Arts and Science, Ulundurpet,
Villupuram – 606 107, Tamil Nadu, India**

Main Responsibilities include:

- Teaching regular student's lectures
- Assisting students in software development
- Conducting seminars/tutorials/tests/assignments and evaluating students
- Guiding U.G and P.G. students final semester projects
- Coordinating international seminars / workshops in recent trends
- Motivating students to participate in technical meets organized by various universities
- Preparing Students Lab manuals and tutorials for various courses

25-Jun-2001 – 31-Aug-2006 (5 years, 2 months, 7 days)**Lecturer in Master of Computer Applications (MCA)****Sri Ramakrishna Mission Vidyalaya College of Arts and Science
(Autonomous), Periyanaickenpalayam, Coimbatore – 641 020,
Tamil Nadu, India**

Main Responsibilities include:

- Teaching regular student's lectures
- Assisting students in software development
- Conducting seminars/tutorials/tests/assignments and evaluating students
- Preparation of Student manuals for laboratory classes (C, C++ and JAVA courses)
- Guiding M.C.A. students final semester projects
- Assisting National level seminars / Workshops in recent trends
- Assisting department students to get a job in India and abroad
- Motivating students to participate in technical meets organized by various universities
- Consultancy work involving software development for private firms

19-Sep-2000 – 24-Jun-2001 (9 months, 6 days)**Lecturer in Master of Computer Applications (MCA)****Sankara College of Commerce and Science, Saravanampatti,
Coimbatore – 641 035, Tamil Nadu, India**

Main Responsibilities include:

- Teaching regular student's lectures
- Assisting students in consultancy work involving software development for private firms
- Conducting seminars/tutorials/tests/assignments and evaluating students
- Arranging and conducting the contact classes for Correspondence courses

12-Jul-1999 – 20-Apr-2000 (9 months, 9 days)**Lecturer in Computer Science and Applications****Thanthai Hans Roever College, Elambalur, Perambalur – 621 212,
Tamil Nadu, India**

Main Responsibilities include:

- Teaching regular student's lectures and 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
- Arranging and conducting the contact classes for Correspondence courses

Ph.D. Study

Title : Design and development of link reliable energy efficient ad hoc on-demand multipath distance vector (LR-EE-AOMDV) routing protocol for mobile ad hoc networks

Supervisor : Dr.E.Karthikeyan, Assistant Professor and Head, Department of Computer Science, Government Arts College, Udumalpet - 642 126, Thirupur, Tamil Nadu, India.

Description : Reliable data transmission has been an emerging issue in AOMDV routing protocol since the nodes are prone to link failures and route breaks in highly dynamic ad hoc networks due to the selection of multiple routes between any source and destination pair based on only minimal hop count. For eliminating such problems, we propose a novel node disjoint multipath routing protocol called **Link Reliable Energy Efficient AOMDV (LR-EE-AOMDV) routing protocol** which is the extension of a well known AOMDV routing protocol. The LR-EE-AOMDV finds multiple link reliable energy efficient paths between any source and destination pair for data transmission using three metrics such as Path Length, Path-Link Quality Estimator (P-LQE) and a novel Path-Node Energy Estimator (P-NEE). Simulation results show that the effectiveness of LR-EE-AOMDV routing protocol.

M.Phil. Study

Title : **Automated Unified Modeling Language Generator**

Supervisor : Dr.M.Ravichandran, Associate Professor, Department of Computer Science, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Periyanaickenpalayam - 641 020, Coimbatore, Tamil Nadu, India

Description : Automated UML Generator is a tool designed using HTML & JSP for generating UML diagrams of any object oriented software to be developed such as Use-Case & Class diagrams

MCA Study Courses studied in Master of Computer Applications (MCA) include:

• Programming in C	• Object Oriented Programming with C++
• Digital Computer Fundamentals	• FORTRAN and Numerical Methods
• Database Management Systems	• Computer Networks
• COBOL Programming	• Probability and Statistics
• Principles of Compiler Design	• Operating System Concepts

Subjects Taught

List of Subjects taught at Under Graduate / Post Graduate Levels include:

Under Graduate Level	Post Graduate Level
• Programming in C	• Programming in C
• Object Oriented Programming with C++	• Object Oriented Programming with C++
• Java Programming	• Java Programming
• Software Engineering	• Advanced Java Programming
• Operating Systems	• Linux Programming
• Relational Database Management System	• Relational Database Management System
• Web Technologies (ASP & JSP)	• Advanced Web Application Development
• Web Server Side Programming Languages	• Open Source Technologies (PHP & MySQL)
• Mobile Application Development (Using Android)	• Mobile Application Development (Using Android)
• PHP & MySQL	• Network Simulation
• Advanced Java Programming	• Python Programming

*Research
Projects,
Patents,
Books, Journal
& Conference
Publications*

RESEARCH PROJECTS (1)

1. Principal Investigator in UGC Sponsored Minor Research Project titled "A Study and Construction of a Link Reliable Energy Efficient AOMDV for Mobile ad hoc networks", 2015-2017.

PATENTS GRANTED (International Level) (4)

2. Patent No. [2020104405](#); An Artificial Intelligence based System for Proactive Network Security; Australian Patent (Date of Patent: 30 December 2020; Date Granted: 21 April 2021; Expiry Date: 30 December 2028)
3. Patent No. [2021101231](#); A Block-chain enabled Service Provider System; Australian Patent (Date of Patent: 09 March 2021; Date Granted: 21 April 2021; Expiry Date: 09 March 2029)
4. Patent No. [2021101272](#); An Artificial Intelligence based Heart Rate Monitoring System for Sports Training; Australian Patent (Date of Patent: 11 March 2021; Date Granted: 21 April 2021; Expiry Date: 11 March 2029)
5. Patent No. [2021103067](#); Corona Recognition Method Based on Visible Light Color Using Artificial Intelligence; Australian Patent (Date of Patent: 03 June 2021; Date Granted: 16 March 2022; Expiry Date: 03 June 2029)

BOOK PUBLICATIONS (International Level) (2)

6. P.Periyasamy, "Enhanced On-Demand Multipath Routing for Wireless Networks", Cambridge Scholars Publishing, United Kingdom, ISBN (10): 1-5275-1151-0, ISBN (13): 978-1-5275-1151-4, 2018, URL: <http://www.cambridgescholars.com/enhanced-on-demand-multipath-routing-for-wireless-networks>
7. P.Periyasamy, "Java Programming Laboratory Manual: A set of programs on Java Basics, Object-Oriented, Multithreading, and GUI Development", EverGreen Academia and Research (Independently published), Tamil Nadu, India, ISBN (13): 979-8832443416, 2022, URL: https://www.amazon.com/dp/B0B2WLPSCR?ref=pe_3052080_397514860

INTERNATIONAL JOURNAL PUBLICATIONS (19)

Web of Science (SCI/SCIE) Journal Publications (2)

8. P.Periyasamy and E.Karthikeyan, "End-to-End Link Reliable Energy Efficient Multipath Routing for Mobile Ad hoc Networks", Wireless Personal Communications (WPC), Vol. 92, No. 3, pp. 825–841, 2017, Springer. DOI: [10.1007/s11277-016-3579-z](#) (SCI Journal with IF = 1.671 (2020) & Scopus coverage years: from 1994 to Present)
9. P.Periyasamy and E.Karthikeyan, "Link Reliable Energy Efficient AOMDV routing protocol for mobile ad hoc networks", International Journal of Ad Hoc and Ubiquitous Computing (IJAHUC), Vol. 26, No. 2, pp. 92–103, 2017, Inderscience. DOI: [10.1504/IJAHUC.2015.10001745](#) (SCI Journal with IF = 0.613 (2020) & Scopus coverage years: from 2005 to Present)

Scopus Indexed Journal Publications (5)

(Scopus coverage years: from ... to Present)

10. P.Periyasamy and E.Karthikeyan, "Survey of multipath routing protocols for mobile ad hoc networks", International Journal of Computer Network and Information Security (IJCNIS), Vol.5, No.12, pp. 68-79, 2013. DOI: [10.5815/ijcnis.2013.12.09](#) (Scopus coverage years: from 2020 to Present)
11. P.Periyasamy and E.Karthikeyan, "Performance comparison and evaluation of different multipath routing protocols based on various scenario and traffic patterns for mobile ad hoc networks", International Journal of Computer Network and Information Security

**Research
Projects,
Patents,
Books, Journal
& Conference
Publications
(Cont...)**

- (IJCNIS), Vol.5, No.1, pp. 24-32, 2013. DOI: [10.5815/ijcnis.2013.01.03](https://doi.org/10.5815/ijcnis.2013.01.03) (Scopus coverage years: from 2020 to Present)
12. P.Periyasamy and E.Karthikeyan, "Comparative Performance Analysis of AODV and AODV-MIMC Routing Protocols for Mobile Ad hoc Networks", International Journal of Computer Network and Information Security (IJCNIS), Vol.6, No.6, pp. 54-60, 2014. DOI: [10.5815/ijcnis.2014.06.08](https://doi.org/10.5815/ijcnis.2014.06.08) (Scopus coverage years: from 2020 to Present)
 13. P.Periyasamy and E.Karthikeyan, "A novel approach to enhance the quality of AOMDV routing protocol for mobile ad hoc networks", Journal of Theoretical and Applied Information Technology (JATIT), Vol.69, No.2, pp. 394-404, 2014. (Scopus coverage years: 2005, from 2008 to Present)
 14. P.Periyasamy, "Link Reliable On-demand Multipath Distance Vector Routing for Reliable Video Streaming in MANET", International Journal of Sensors, Wireless Communications and Control (IJSWCC), Vol. 11, No. 4, pp. 446-457, 2021, Bentham Science. DOI: [10.2174/2210327910666191218141520](https://doi.org/10.2174/2210327910666191218141520) (Scopus coverage years: from 2016 to Present)

Scopus Indexed Journal Publications (3)
(Scopus coverage years: from ... to 2018, 2020)

15. P.Periyasamy and E.Karthikeyan, "Energy Optimized Ad hoc On-demand Multipath Routing Protocol for Mobile Ad hoc Networks", International Journal of Intelligent Systems and Applications (IJISA), Vol.6, No.11, pp. 36-41, 2014. DOI: [10.5815/ijisa.2014.11.05](https://doi.org/10.5815/ijisa.2014.11.05) (Scopus coverage years: from 2016 to 2018)
16. T.Sivaraman, E.Karthikeyan and P.Periyasamy, "A Novel Energy Efficient Ad hoc On-demand Multipath Routing Protocol for Mobile Ad hoc Networks", International Journal of Applied Engineering Research (IJAER), Vol. 10, No. 2, pp. 2771-2789, 2015. (Scopus coverage years: 2009, from 2011 to 2018)
17. P.Periyasamy and E.Karthikeyan, "H.264/MPEG-4 AVC Video Streaming Evaluation of LR-EE-AOMDV protocol in MANET", CIT. Journal of Computing and Information Technology, Vol. 25, No. 1, pp. 15-29, 2017, University of Zagreb, Croatia. DOI: [10.20532/cit.2017.1003320](https://doi.org/10.20532/cit.2017.1003320) (Scopus coverage years: from 1996 to 2020)

Non-SCI/Non-Scopus Indexed Journal Publications (9)

18. P.Periyasamy and E.Karthikeyan, "Performance Evaluation of AOMDV Protocol based on various Scenario and Traffic Patterns", International Journal of Computer Science, Engineering and Applications (IJCSEA), Vol.1, No.6, pp. 33-48, 2011. DOI: [10.5121/ijcsea.2011.1603](https://doi.org/10.5121/ijcsea.2011.1603)
19. P.Periyasamy and E.Karthikeyan, "Impact of variation in pause time and network load in AODV and AOMDV protocols", International Journal of Information Technology and Computer Science (IJITCS), Vol.4, No.3, pp. 38-44, 2012. DOI: [10.5815/ijitcs.2012.03.06](https://doi.org/10.5815/ijitcs.2012.03.06)
20. P.Periyasamy and E.Karthikeyan, "A simulation based QoS review of multipath routing protocols for MANET", International Journal of Advanced Networking and Applications (IJANA), Vol.4, No.3, pp. 1624-1634, 2012.
21. M.Barveen Banu and P.Periyasamy, "A Survey of Unipath Routing Protocols for Mobile Ad Hoc Networks", International Journal of Information Technology and Computer Science (IJITCS), Vol.6, No.1, pp. 57-67, 2014. DOI: [10.5815/ijitcs.2014.01.07](https://doi.org/10.5815/ijitcs.2014.01.07)
22. P.Periyasamy and E.Karthikeyan, "Link Reliable Joint Path and Spectrum Diversity in Cognitive Radio Ad-Hoc Networks", International Journal of Advanced Networking and Applications (IJANA),

**Research
Projects,
Patents,
Books, Journal
& Conference
Publications
(Cont...)**

- Vol.8, No.2, pp. 3036-3043, 2016.
23. A.Arthy and P.Periyasamy, "Spectrum Sensing Algorithms for Cognitive Radio Systems", International Journal of Computer Science Trends and Technology (IJCTST), Vol.4, No.6, pp. 1-9, 2016.
 24. A.Ragavisri and P.Periyasamy, "Comparative Analysis on Basic Big Data Analytics: Challenges, Issues, Trends and Tools", Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 6, No. 2, pp. 688-696, 2019. DOI: <http://doi.one/10.1729/Journal.19715>
 25. M.Kokilamani and P.Periyasamy, "Preventing De-Anonymization Attack and Providing Security to the Social Network and MANET", International Journal of Scientific Research in Computer Science Applications and Management Studies (IJSRCSAMS), Vol. 8, No. 2, 2019.
 26. P.Periyasamy, "H.264/MPEG-4 AVC Video Streaming Analysis of AODV, OLSR and ZRP in MANET", International Journal of Advanced Networking and Applications (IJANA), Vol.10, No.6, pp. 4076-4082, 2019.

INTERNATIONAL CONFERENCE PUBLICATIONS (3)

ISI/SCI & Scopus Indexed Publications (3)

27. C.R.Sakthivel, S.Sundararajan, P.Periyasamy, J.Anvar Shathik, Josephine Ruth Fenitha, "A Novel Performance Enhancement of Real-Time IoT Applications Using Big Data Analytics", Proceedings of the 1st International Conference on EMMA-2021 (Engineering, Medicine, Management, Arts and Sciences) (ICEMMA 2021), (Accepted in AIP Proceedings (ISI/SCI & Scopus Indexed Proceeding))
28. P.Periyasamy and E.Karthikeyan, "Quality-of-Service Analysis of AOMDV and AOMDV-MIMC Routing Protocols for Mobile Ad Hoc Networks", Proceedings of the Artificial Intelligence and Evolutionary Algorithms in Engineering Systems (ICAEEES 2014), Advances in Intelligent Systems and Computing, Springer, Vol. 324, No. 1, pp. 511-521, 2015. (ISI/SCI & Scopus Indexed Proceeding). DOI: [10.1007/978-81-322-2126-5_56](https://doi.org/10.1007/978-81-322-2126-5_56)
29. P.Periyasamy and E.Karthikeyan, "Link Reliable Multipath Routing protocol for mobile ad hoc networks", Proceedings of the International Conference on Circuit, Power and Computing Technologies (ICCPCT 2015), pp. 1-7, 2015, IEEE Xplore. (ISI/SCI & Scopus Indexed Proceeding). DOI: [10.1109/ICCPCT.2015.7159291](https://doi.org/10.1109/ICCPCT.2015.7159291)

**Research
Extension
Activities/
Achievement/
Awards**

MEMBERSHIP IN ASSOCIATIONS (2)

1. Membership (Member No: 147834) in International Association of Engineers (IAENG), Hong Kong
2. National Testing Agency (NTA) Representative for the Conduct of NEET (UG) Examinations.

EDITORIAL BOARD MEMBERS IN INTERNATIONAL JOURNALS (4)

3. Information and Computer Security Journal, EnPress, United Kingdom
4. Progress in Human Computer Interaction journal, Whioce Publishing Pte. Ltd., Singapore
5. Wireless Communication Technology journal, Whioce Publishing Pte. Ltd., Singapore
6. Information Engineering and Applied Computing journal, Whioce Publishing Pte. Ltd., Singapore

REVIEWER IN INTERNATIONAL JOURNALS (19)

7. ACM Transactions on Internet Technology (Science Citation Indexed Journal), ACM
8. ACM Transactions on Sensor Networks (Science Citation Indexed Journal), ACM
9. IEEE Access (Science Citation Indexed Journal), IEEE
10. IEEE Transactions on Aerospace and Electronic Systems (Science

Research**Extension****Activities/****Achievement/****Awards****(Cont...)**

Citation Indexed Journal), IEEE

11. IEEE Transactions on Reliability, IEEE
12. International Journal of Modelling and Simulation (Science Citation Indexed Journal), Taylor & Francis
13. International Journal of Electronics / International Journal of Electronics Letters, Taylor & Francis
14. IETE Technical Review Journal, Taylor & Francis
15. Wireless Personal Communications (WPC) (Science Citation Indexed Journal), Springer, United States
16. Journal of Communications and Information Networks (JCIN) (Science Citation Indexed Journal), Springer, United States
17. The Journal of Supercomputing. Springer, United States
18. International Journal of Communication Systems (Science Citation Indexed Journal), Wiley
19. International Journal of Concurrency and Computation: Practice and Experience (Science Citation Indexed Journal), Wiley
20. International Journal of Distributed Sensor Networks (Science Citation Indexed Journal), SAGE
21. KSII Transactions on Internet and Information Systems (Science Citation Index Expanded Journal), Korean Society for Internet Information, Korea
22. Advances in Science, Technology and Engineering Systems Journal (Peer Reviewed Journal), ASTES Publishers, United States
23. Journal of Systemics, Cybernetics and Informatics (Peer Reviewed Journal), International Institute of Informatics and Cybernetics (IIIC)
24. International Journal of Computers and Technology (Peer Reviewed Journal), Council for Innovative Research (CIR)
25. Multiagent and Grid Systems (Scopus Indexed Journal), IOS Press

REVIEWER IN INTERNATIONAL CONFERENCES (2)

26. World Multi-Conference on Systemics, Cybernetics and Informatics, Florida, USA
27. International Conference on Sensor Networks and Signal Processing, China

**Attended
Training
Courses****SEMINARS/CONFERENCES/WORKSHOPS/FDPs ATTENDED/ORGANIZED**

1. Attended a Regional Level Workshop on "Information Technology for Rural development", March 27-29, 2002, Gandhigram Rural Institute – Deemed University, Gandhigram, India.
2. Attended a State Level Seminar on "Research Trends in Information Technology", February 28-March 1, 2003, St. Joseph's College, Tiruchirappalli, India.
3. Attended a National Level Seminar on "Digitalized Information Exchange for Quality Sustenance and Enhancement among accredited Institutions", March 3-4, 2005, St. Joseph's College, Tiruchirappalli, India.
4. Attended the NAAC – Sponsored Seminar on "Sharing of Best Practices–Institution Specific Insights", March 19, 2005, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore, India.
5. Attended the UGC – Sponsored Seminar on "Promotion of Human values through Education: In the Light of the Teachings of Swami Vivekananda", April 19-20, 2006, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore, India.
6. Attended a National Level Seminar on "Recent Trends in Information Technology", March 17, 2008, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore, India.
7. Participated and presented a paper on "Removing Unnecessary Synchronization in Java" in the National Level Conference on

**Attended
Training
Courses
(Cont...)**

- "Distributed Networks", March 26-27, 2005, Gobi Arts and Science, Gobichettipalayam, India.
8. Participated and presented a paper on "**Application of Cryptography and randomized spatial domain Steganography for Information hiding in Medical Images**" in one day National Level Seminar on "Image Processing and Cryptography", March 8, 2008, Sree Saraswathi Thyagaraja College, Pollachi, India.
 9. Attended the UGC Sponsored "**Orientation Course**", May 17-June 13, 2003, UGC – Academic Staff College, Bharathidasan University, Tiruchirappalli, India.
 10. Attended a FDP on "**Open Source & IBM Technologies**", October 7-8, 2005, IBM Academic Initiative -Coimbatore Institute of Technology, Coimbatore, India.
 11. Attended the AICTE/QIP - Short term course on "**Document management**", March 13-25, 2006, Department of Computer Science and Engineering, College of Engineering, Anna University, Chennai, India.
 12. Organized an AICTE Sponsored Staff Development Programme (SDP) on "**Advanced Computing and Communication Technologies for High Performance Applications**", November 9-23, 2009, Sree Saraswathi Thyagaraja College, Pollachi, Tamil Nadu, India.
 13. Attended a FDP on "**J2SE Programming**", February 03-07, 2014, Department of Computer Science and Engineering, P.A. College of Engineering & Technology, Pollachi, India.
 14. Attended a Two-Day Workshop on "**Fundamentals of Data Analysis and Analytics**", February 12-13, 2016, Department of Information Technology, PSG College of Technology & Applied Research, Coimbatore, India.
 15. Participated as a **Mentor in Smart India Hackathon-2019** organized by **Ministry of Human Resource Development, Government of India** held on 2nd & 3rd March 2019 at Sri Krishna College of Engineering and Technology, Coimbatore, Tamil Nadu, India for the project entitled "**Footfall Detection Systems**" offered by TVS Motors, India.
 16. Participated an International FDP on "**Linux Fundamentals with Cloud and Container Platform**", July 22-28, 2020, Marian College (in Association Red Hat), Kuttikkanam, Kerala, India.
 17. Participated in Five-Day Faculty Development Program Sponsored by Rajasthan Technical University, Kota (Rajasthan) TEQIP-III RTU (ATU) on "**MATLAB for Engineering and Scientific Computation**", February 22-26, 2021, B K Birla Institute of Engineering & Technology, Pilani, India.
 18. Participated in Six-Day International webinar on "**Artificial Intelligence and its Global Applications**" organized by Department of Computer Science, University of Kerala, Kerala, India from 15-03-2021 to 20-03-2021.
 19. Participated in AICTE-ISTE approved Orientation/Refresher Programme on "**Artificial Intelligence in Healthcare using on API Tool**" organized by Vinayaka Mission's Kirupananda Variyar Engineering College, Salem, Tamil Nadu, India from 14-12-2021 to 20-12-2021.

Special Skills

Computer Skills

IDE	: NetBeans, Eclipse & Visual Basic
Application Server	: Web Logic, WAMP, XAMP & Glassfish
Web Server	: Apache Tomcat & Apache Http Server
Utilities	: MS-Office, Libre Office & Latex
API	: Swing, JDBC & Android
RDBMS	: Oracle 9i, MS-SQL Server & MySQL Server (SQL & PL-SQL Programming)
Web Technologies	: ASP, Servlets, JSP/JSTL & PHP
Distributed Technologies	: RPC, CORBA, RMI, EJB
Programming Languages	: C, C++, JAVA, Python & R

Special Skills (Cont...)

Operating Systems	:	Windows & LINUX
Frameworks	:	Yii & Ajax
Reporting Tools	:	iText & iReport for Java based Application Development (both stand alone & Web), FPDF & TCPDF for Web development using PHP

Research Area & Tools	:	QoS and QoE Enhancement of Routing Protocols in Wireless Networks – Routing Protocols & Network Simulator (NS2/NS3)
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Languages

- Native speaker of Tamil
- Fluent in English

Personal Details

Date of Birth	:	May 17th, 1975
Age	:	47 Years
Community Category	:	MBC (Vanniyar/Padayachi)
Place of Birth	:	Perambalur, Tamil Nadu, India
Nationality	:	Indian
Passport Number	:	U4389411 up to 30-Sep-2030
Marital Status	:	Married
Spouse Name	:	D.PRIYA
Communication Address	:	P.Periyasamy, S/o A.Pitchaipillai, No. 147, Main Road, Vathistapuram, Thittakudi, Thittakudi (OP) & (TK) , Cuddalore (DT), Tamil Nadu, India, PIN: 606 106. Ph: 0091-94437 52501

References

- **Prof. Dr. Purushothaman Ravichandran, PhD (IT); PhD (Edu)**
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- **Dr. M.Ravichandran, M.Sc., M.Phil., P.G.D.C.A., Ph.D.,**
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Documented References

To be furnished upon request

DECLARATION

I hereby declare that the above information is true to the best of my knowledge and belief.

Place : Thittakudi
Date : 06-06-2022



(P.PERIYASAMY)