

CURRICULAM VITAE



Dr.G.SINGARAVEL, BE., ME., Ph.D., MISTE.,MCSI.,



Professor & Head

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Dr. G. SINGARAVEL received the D.C.T degree in Computer Technology in 1995 from Kongu Polytechnic College, and the Undergraduate degree B.E.(Electronics and communication and Engineering) in 1999 in Kongu Engineering College from the Bharathiyar University. He completed his master degree M.E.(Computer Science and Engineering) in 2002 at Arulmigu Kalasalingam College of Engineering from Madurai Kamaraj University. He received his Ph.D. degree in the area of Information and Communication from Anna University, Chennai in 2010. He has 17 years of teaching experience. He is a Professor and the Head of the Department of Information Technology, K.S.R College of Engineering (Autonomous), Tiruchengode. He is recognized as a Supervisor for Ph.D Programme and M.Tech (By Research) in Computer Science and Engineering for Anna University. He is trained certificate holder of 'High Impact Teaching Skills' through Wipro Mission 10X and Trained Evaluator & Resource Person of NBA (National Board of Accreditation) by AICTE, New Delhi. Chief Advisor for Technology Updates and Monitoring Overseas at client project at Accrete Software services & Resource, Chennai. He is in the editorial board member of 6 International/National Journals. He has published 60 papers in international, national journals and conference proceedings and having Google Scholar citations and h-index. He has guided 15 Master Degree projects. He is Guiding 12 PhD research scholars in various domains. His areas of research include Software Engineering, Agile Project Management, Green & Cloud Computing, Big Data Analytics, etc.,

Academics Experience

Teaching Experience : 17 Years

After Ph.D : 6 Years, 3 Months

Academic Achievement			
Teaching Experience	: 17 Years	Session Chaired in Conferences	: 04
Patent Registered	: 01	National Conference Organized	: 02
Book published	: 02	International Editorial Board	: 14
Research and Funding Agency (R&D)		International Conference Organized	: 01
AICTE (RPS/FDP/STP)	: 03	National Workshops/Seminars Organized	: 08
SERB-DST	: 01	International Journal Publications	: 27
CSRI	: 01	National Journal Publications	: 02
CSI	: 05	International Conferences	: 06
Anna University	: 02	National Conferences	: 10
DIT	: 01	National/International Workshop attended	: 25
Consultancy Projects	: 02	National/International SDP/FDP attended	: 07
Sessions/Symposium Organized	: 12	Project guided for Post Graduate level	: 10
President of Society	: 01	Project guided for Under Graduate level	: 25
Membership in Professional Bodies	: 02	Mini Project guided for Under Graduate level	: 10
Faculty Development Program Organized	: 01		

Research scholars details

Number of PhD Scholars					
SRL. NO	Status	Research Area	Regno	Name of the Scholar	University
1	Completed	Data Mining and Data Warehousing	11260631045	Prakash M	Anna University
2	Thesis Submitted	Computer Network	10960121034	Dhanasekaran R	Anna University
3	Confirmation Completed	Image processing	11260531049	Paneer Selvam R	Anna University
4	Course Work	Data Mining	17134691241	Tamilarasu P	Anna University
5	Course Work	Big Data	17134691345	Arunkumar K.G	Anna University
6	Confirmation Completed	Software Engineering	71130631021	Karuppusamy S	Anna University
7	Confirmation Completed	Software Engineering	71130631047	Sakthivel M	Anna University
8	Confirmation Completed	Wireless Sensor Network	71160531006	Eswaramoorthi R	Anna University
9	Confirmation Completed	Wireless Sensor Network	71160631045	Sachidhanandam P	Anna University
10	Confirmation Completed	Cloud Computing	D14CS019	Rajesh M	Bharth University
11	Confirmation Completed	Cloud Computing	D14CS011	Senthil J	Bharth University

Professional Details

- Since July 1, 2011 **Professor and Head in Department of Information Technology**, K.S.R. College of Engineering(Autonomous), Tiruchengode, Affiliated to Anna University, Chennai.
- From July 2003 - June 2011 **Professor & Head of the Department of Computer Science and Engineering**, K.S.R. College of Engineering, Tiruchengode, Affiliated to Anna University of Technology, Coimbatore.

- From Jan 2002 - May 2003 **Lecturer** in the department of *Computer Science and Engineering*, Dr. M.G.R. Engineering College, Chennai. Affiliated to Anna University, Chennai.
- From Jun 1999 - Jan 2002 **Lecturer** in the department of *Computer Science and Engineering*, Jaya Engineering College, Chennai. Affiliated to Anna University, Chennai.

Pedagogic Details

Degree qualification	Institute/University	Percentage	Year of passing
Ph.D (Information and Communication)	Anna University, Chennai	Completed	Nov 2010
M.E. (Computer Science and Engineering.)	Arulmigu Kalasalingam College of Engineering., Krishnankovil, Madurai (Dt) Tamilnadu, India. Madurai Kamaraj University, Madurai	82%	April 2002
B.E (Electronics and Communication Engineering)	Kongu Engineering College, Perundurai, Erode (Dt), Tamil nadu, India. Bharathiyar University, Coimbatore	67%	May 1999
D.C.T (Computer technology)	Kongu Polytechnic, Perundurai, Erode (Dt), Tamilnadu, India Direct of Technical Education, Chennai	74%	April 1995

Computer Proficiency

Technology	Resources
Operating system	Windows NT Server, Windows 7/XP /95/98/2000,DOS
Languages	C, C++, JAVA, Dot Net
Scripting Languages	ASP, XML, HTML, JAVA SCRIPT
Network Technology	TCP/IP, LAN, WAN, Distributed System, CORBA, COM & DCOM, INTERNET
Front End Tool	VB 6.0
Testing Tool	Win Runner, Load Runner, Risk Rader, Weka
Packages	Microsoft Office 2007/2010

Academic Specializations

Research Specialization	Subject specialization
<ul style="list-style-type: none"> • Software Engineering • Software Testing • Information Security • Agile Methodologies • Object oriented Analysis • Design and Programming • Cloud Computing • Big Data Analytics 	<ul style="list-style-type: none"> • Fundamentals of Computing • Embedded systems • Computer Architecture • Mobile computing Apps • Data Structure • Software Quality Management • Project Management • Projects works

Membership in Professional Bodies

- Life member - **ISTE (LM38394), 2003 onwards**

- Life member - **CSI (00153292), 2004 onwards**
- Vice- President of Computer Society of India (CSI), Salem Chapter, and Tamilnadu – 2012 to 2016.
- President of Computer Society of India (CSI), Salem Chapter, and Tamilnadu – 2016 to 2018.

Major Position Held

- **Chief-Coordinator for NAAC** – College level, K.S.R. College of Engineering (Autonomous), Period 2013-2017.
- **Chief-Coordinator for NBA** – College level, K.S.R. College of Engineering (Autonomous), from 2008 onwards.
- Best student **project selection committee member** (Namakkal District) headed by district collector of namakkal for 2015-2016 appointed by Government of Tamilnadu.
- **Chairman – Board of Studies (BOS)**, Department of Information Technology, K.S.R.College of Engineering (Autonomous), Period 2011-2013 & 2013-2017.
- **Co-opted External Expert** – Academic Council of Autonomous Body- BOS of Computer Science and Engineering (UG &PG), K.S.Rangasamy college of Technology(Autonomous),Tiruchengode.
- **Member-** Staff Selection Committee, K.S.R. College of Engineering, Tiruchengode.
- **Coordinator for ICT Academy of Tamil Nadu – EDP Cell (Funded by Government of Tamilnadu)**, K.S.R.College of Engineering, Tiruchengode.
- **Coordinator for Industry Institute Partnership Cell (IIPC)**, K.S.R.College of Engineering, Tiruchengode.
- **Member Question paper Setting Committee** - Karunya University, Dr.M.G.R.University, Karpagam University, Sastra University, Kumaraguru College of Technology (Autonomous), Kongu Engineering College (Autonomous), Chandrasekara Vidyala University, Sona college of Technology (Autonomous), Government College of Engineering (Autonomous), Annamalai University.

Ph.D Supervision Recognition

Name of the University	Recognition Number	Approved Departments
Anna University, Chennai	1006101	Computer Science and Engineering, Information Technology, Electronic and Communication Engineering
Bharath University, Chennai	R14CS011	Computer Science and Engineering
VIT University, Vellore	1102433	Computer Science and Engineering.

Sponsored / Research Projects

S.No	Project	Name of Industry/ Agency	Faculty	Period	Status
1	Agile Methodology (Ref. No.: 8023/RID/RPS-54/2011-12 & 09-12-2011)	Research Promotion scheme (RPS) - AICTE, New Delhi.	Dr.G.Singaravel	2011-2014	Rs.60,000 (Completed)

Consultancy Projects

S.No	Name of the Project	Client	Faculty members involved	Period	Amount generated (In Rs.)
1	Data integrity Proofs In Cloud Storage	Beat Soft Inno Solutions, Chennai	Dr.G.Singaravel	2010-11	Rs.20,000 (Completed)
2	Design, Development and Maintenance of the web portal for KVC Textiles	KVC Textiles, Erode	Dr.G.Singaravel	2011-12	Rs.1,50,000 (Completed)

Administration

- Involved in the **Accreditation** process of B.E. (Department Coordinator of CSE) at Dr. M.G.R. Engineering College, Chennai by the national board of accreditation (NBA), New Delhi.
- Advisor** for department library & college library at Dr. M.G.R Engineering College, Chennai and K.S.R.College of Engineering, Tiruchengode.
- Placement cell **Coordinator** of CSE at K.S.R College of Engineering, Tiruchengode
- Chief coordinator of ISO 9001: 2000 certified institution** at K.S.R College of Engineering, Tiruchengode
- Anna University **Internal Auditor**, K.S.R. College of Engineering, Tiruchengode (Since 2011).
- College **Coordinator** of the Salem chapter of Computer Society of India (**CSI**), 2009 onwards.

Out Source Supervision

- Advisor** of academic course & training division at silicon computer pvt.ltd, Erode, Tamilnadu, India.
- Chief advisor** for Technology updates and monitoring overseas at client project at Accrete Software, Services & Resources, Chennai.
- Advisor Board Member of Swell Technology Pvt. Ltd, Coimbatore.
- Involved in the **Framing of syllabi** for M.C.A., B.Sc Computer Technology, M.Sc computer technology.
- Setting up** of Multimedia and Image processing Laboratory at Jaya Engineering College, Chennai.
- Setting up** of Cloud Computing Laboratory at K.S.R College of Engineering, Tiruchengode.

Session Chaired in Conferences

- International **Conference Chair** (ICICT 2010) at M.Kumarasamy College of Engineering, Karur, Tamilnadu.

- **Chaired a session** at the National Level Technical Symposium — “ASTHRA 10”, Department of Information Technology held at K.S.R. College of Engineering, Tiruchengode on 24.02.2010.
- **Conference Chair** In International Conference on Innovations in Communication Information and Computing (ICICIC’13) held at Sasurie College of Engineering, Vijayamangalam on January 9-11, 2013.
- **Keynotes speaker and section chair** at CAASR International Conference on Advanced Theoretical Computer Applications (ICATCA’16), 5th -6th May 2016 in Kuala Lumpur, Malaysia.

International Editorial Board / Reviewer – Journals

- **Technical Committee and Reviewer** for International Conference on Information Technology and Management Issues (ICITMI 2011), September 4-6, 2011, Malaysia.
- **Reviewer** for International Conference on Advanced Computing, Networking and Security (Adcons 2011), December 16-18, 2011, NITK-Surathkal, Mangalore, India
- **Technical Committee and Reviewer** for International Conference on Computer Application (ICCA 12), January 27-31, 2012 in Techno Forum Software Solutions, Pondicherry, India.
- **Technical Committee and Reviewer** for International Conference on Electronics and Optoelectronics (ICEOE 2012), July 27-29, 2012, Shenyang, Lioniny
- **Reviewer** for International Journal of Computer Science and Information Security (IJCSIS)-(ISSN: 1947-5500).
- **Editorial Board** of i-manager’s Journal on Communication Engineering and Systems(JCS)
- **Editorial Board** of National Journal on Computer Application (JCA)- (ISSN No.0974 1925)
- **Reviewer** for the International Journal of Digital Content Technology and its Applications (ISSN: 1975-9339), 2014 onwards
- **Reviewer** for the International Journal of Digital Content Technology and its Applications (ISSN: 1975-9339), 2014 onwards
- Review Committee member of ICTACT Journals, ICT Academy of Tamil Nadu, 2013 onwards.
- **Technical Committee and Reviewer** International Conference on Human Machine Interaction 2015 [ICHMI 2015] , Kualalumpur, Malaysia between 25th November, 2015 and 27th November, 2015.
- **Reviewer** for ASTM International - Journal of Testing and Evaluation (JTE),2014 onwards.
- **Technical Committee and Reviewer** 2nd International Conference on Systems, Science, Control, Communication, Engineering and Technology 2016 [ICSSCET 2016], Coimbatore, India between 18th March, 2016 and 19th March, 2016.
- Article for **Expert Review**-CAASR International Conferences-May5-6-Kuala Lumpur-Malaysia-2016

International Journal

1. **Singaravel G., Geetha B.G., Palanisamy V., and Duraiswamy K. (2008)**, 'A Tool For Testing Of Inheritance Related Bugs In Object Oriented Software', Journal of Computer science, **Science Publishers**, Vol. 4, No.1, pp. 59-65.
2. **Singaravel G and Geetha B.G. (2008)**, 'Assessment and people Risk Management in software project', International Journal of Computer Science and Applications, **IJCSA (ISSN 0972-9038), Technomathematics Research Publications**, Vol.1, No.2, pp. 121-124.
3. **Singaravel G., Geetha B.G., Palanisamy V., and Krishnan A.(2009)**, 'Standard system centric adaptable risk analysis for clone transformation of software project', International Journal of computer application in Engineering ,Technology and Sciences, **IJ-CA-ETS(ISSN: 0974 – 3596), Amoghsiddhi Education Society Publications**, Vol.1, No.2,pp. 508-513.- Impact Factor: GIF: 1.9908 – SIF: 3.248.
4. **Singaravel G., Palanisamy V. and Krishnan A. (2009)**, 'Ethics Understanding Of Software Professional In Risk Reducing Reusability Coding Using Inclusion Set Theory', International Journal of Computer Science and Information Security (**IJCSIS**), Vol. 6, No. 2, pp. 189-196.Publisher: **Thomson Reuters**.
5. **Singaravel G., Palanisamy V. and Krishnan A. (2010)**, 'Adaptive reusability risk analysis (ARRA) model', International Journal of Computer Science and Network Security(**IJCSNS**),Vol.10,No.2, pp. 97-101. Publisher: **Thomson Reuters**.
6. **Singaravel G., and Kaveen P (2014)**, 'Image Fraud Identification Using Illuminant Analysis', International Journal of Innovative Research in Computer and Communication Engineering (**IJIRCCCE**),Vol.02, No.1, pp. 3727-3734. Impact Factor: **5.618**
7. **Singaravel G., and Dhanasekaran R (2014)**, ' Denial of Service Attack in Distributed Wireless Network by Distributed Jammer Network: A Birth-Death Random Process Analysis', International Journal of Computer Science(**JCS**),Vol.10,No.08, pp. 1397-1402. ISSN Print: 1549-3636: ISSN Online: 1552-6607: Cites per Doc: 0.69: SJR: 0.3: **Science Publications**.
8. **Singaravel. G., and Prakash, M. (2014)**, 'An Analysis of Privacy Risks and Design Principles for Developing Countermeasures in Privacy Preserving Sensitive Data Publishing', International Journal of Theoretical and Applied Information Technology (JATIT), Vol. 62, No. 1, pp. 204-213, ISSN: 1992-8645 (SJR: 0.151, SNIP: 0.32, IPP: 0.165) (**Annexure II**).
9. **Singaravel. G. and Rejesh. M. (2014)**, 'I/O Workload in Virtualized Data Center Using Hypervisor', International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), Vol. 2, No. 6, pp. 2256-2260.
10. **Singaravel. G., and Prakash, M. (2014)**, 'A Review on Approaches, Techniques and Research Challenges in Privacy Preserving Data Mining', Australian Journal of Basic and Applied Sciences, Vol. 8, No. 10, pp. 251-259, ISSN: 1991-8178 (SJR: 0.472,SNIP:0.472, IPP:0.241) (**Annexure II**).
11. **Singaravel G., and Sachidhanandam P., (2015)**, 'A Life Time Enhancement of the Sensor Nodes through Linear Motion of the Mobile Sink', International Journal of Applied Engineering Research, ISSN 0973-4562 .,Vol. 10., No.38 .,pp 28318-28324. **SCOPUS** Indexed Journal.
12. **Singaravel G., and Sakthivel M. (2015)**, 'Adaptability and Flexibility Investigation of the Reusable Code Analytical Skill Intensity of Developer in Agile Methodology', International Journal of Applied Engineering Research, ISSN 0973-4562 .,Vol. 10., No.38 .,pp 28360-28362. **SCOPUS** Indexed Journal
13. **Singaravel G., Sivakumar P., Prakash M (2015)**, 'Efficient Methods for Distinction Preclusion in Data Mining', International Journal of Applied Engineering Research, ISSN 0973-4562 ., Vol. 10 No. 5 .,pp 2212-2215. **SCOPUS** Indexed Journal
14. **Singaravel G., and Arulmozhi S (2015)**, 'Software Process Implementation Framework For Automatic Generation of Work Flow Model Testing', International Journal of Applied Engineering Research, ISSN 0973-4562, Vol. 10 No.55 ., pp 2212-2215.

15. **Singaravel G., Arulmurugan R, and Anguraj S., (2015)**, 'Enhanced Task Scheduling Scheme for Hadoop Map Reduce Systems', International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE), ISSN: 0976-1353, Vol 15 Issue 1. Impact Factor 1.012.
16. **Singaravel G.,and Mithun Brindha S (2015)**, 'Fuzzy interference approach based prioritization of security requirements' Indian Journal of Innovations and Developments, ISSN: 2277-5390, Volume 3 Issue 4, pp. 80-84.
17. **Singaravel. G., and Prakash, M (2015)**, 'An approach for prevention of privacy breach and information leakage in sensitive data mining', Journal of Computers & Electrical Engineering, Vol 45, pp. 134-140, ISSN: 0045-7906 (SNIP: 1.538, SJR: 0.711, Impact Factor: 0.817) **(Annexure I) Thomson Reuters.**
18. **Singaravel. G., and Eswaramoorthi, R (2015)**, 'Improved Artificial Bee Colony Optimization Approach in UWBOFDM for Frequency Offset Estimation', Journal of Testing and Evaluation, ISSN: 0090-3973, Acceptance Received, Manuscripts ID: JTE-2014-0343.R1. ASTM International Publisher. **Thomson Reuters.**
19. **Singaravel. G., and Sivaranjani. T (2015)**, 'Survey on Object Classifications in Image Processing', International Journal for Scientific Research & Development, Vol. 3, Issue 08, ISSN (online): 2321-0613, pp. 220-222.
20. **Singaravel. G., and Deepan Shakaravarthy. V (2015)**, 'Survey on Agile Software Development Project using Scrum', International Journal for Scientific Research & Development, Vol. 3, Issue 08, ISSN (online): 2321-0613, pp. 103-105.
21. **Singaravel. G., and Prakash, M (2015)**, 'Haphazard Anonymization: A novel algorithm for approach for privacy and knowledge preservation', International Journal of Applied Engineering Research, Vol. 10, No. 5, pp. 4064-4070, ISSN 0973-4562 (SJR: 0.13, SNIP: 0.166, IPP: 0.077) **(Annexure II) SCOPUS** Indexed Journal.
22. **Singaravel. G., and Prakash, M (2015)**, 'A framework for high performance and strict privacy preserving data mining algorithms', International Journal of Advanced Technology in Engineering and Science, Vol. 3, No. 4, pp. 189-196, ISSN: 2348-7550 (IIFS Impact Factor: 1.012).
23. **Singaravel. G., and Ramya. T (2016)**, 'A Traffic Sign Motion Restoration Model Based on Border Deformation Detection', International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE), Vol. 20, Issue 02, **ISSN: 0976-1353**, pp. 13-15.
24. **Singaravel. G., and Sivaranjani. T (2016)**, 'An Efficient Object Classification Based On ELM ', Imperial Journal of Interdisciplinary Research (IJIR), Vol. 2, Issue 05, **ISSN: 2454-1362**, pp. 1529 -1534.
25. **Singaravel G., and Sachidhanandam P., (2016)**, 'Efficient Data Aggregation in sensor Nodes through linear motion of mobile sink', Asian Journal of Information Technology(Medwell Journals),Vol.15,Issue 15,**ISSN:1682-3915**, pp.2679-2682. **(Annexure - I)**
26. **Singaravel G., and Sakthivel M., (2016)**, 'A Hybrid Software Development Model for Risk Reduction through Agile Principles', Asian Journal of Research in Social Sciences and Humanities, Vol. 6,Issue 12, **ISSN:2249-7315**, pp.117-125. **(Annexure - I)**
27. **Singaravel G., and Sudarsanam P., (2016)**, 'Optimal Ring Routing Path Management Algorithm for Energy Efficient Sink Node of WSN', International Journal of Printing, Packaging & Allied Sciences, Vol. 4,Issue 4, **ISSN:2320-4387**, pp.2628-2633. **(Annexure - I)**

National Journal

1. **Singaravel G., and Geetha B.G.,(2008)**, 'Overview Analysis of organizational and professional risk management for software security projects', Journal of Computer Applications, Vol.1, No.2,pp.59-62.
2. **Singaravel G., and Dhanasekaran R., (2014)**, 'Random Process Analysis for Distributed Jammer Network Attacks in Wireless Networks, Journal of Computer Applications, Vol.VII, No.1,pp.40-42.

International Conference

1. **Singaravel G** and Rajiv kannan A, (2007), 'Mobile Ipv6 in 2g and 3g Mobile Networks', International conference on Network Security and workshop(ICONS-2007),Erode Sengunthar Engineering College, Erode.
2. **Singaravel G,(2008)**, ' Intrusion Detection Using Data Mining Along Genetic Algorithm' International Conference on Computing Communication and Networking(ICCCN-08), Chettinad College of Engineering and Technology, Karur.
3. **Singaravel G.**, Geetha B.G and Kamalraj R , (2009), 'Reducing Efforts on Software Project Management using Software Package Reusability', in IEEE International Advanced Computing Conference (IACC 2009),Patiala, India,Vol. 1, pp 1624-1627.
4. **Singaravel G.**, Palanisamy V. and Krishnan A. (2010), 'Overview analysis of reusability metrics in software development for risk reduction',Published in IEEE Xplore Digital Libaray ,International Conference on Innovative Computing Technologies (ICICT 2010), M.Kumarasamy College of Engineering, Karur, pp. 1016-1024.
5. **Singaravel G.**, lyapparaja.M. and Geetha.B.G. (2010), 'Inheritance related risk coding factors of Agile method in IRRF Tool', IEEE International Conference on Innovative Computing Technologies (ICICT 2010), M.Kumarasamy College of Engineering, Karur, pp. 1016-1024.
6. **Singaravel G and Padma S,(2010)**, 'Parallel Intrusion Detection System with Multi – Classifier Mechanism' International Journal of Computer Network and Communication (IJCNC) and International conference on 'System on Chip(Soc)'S.N.R.Sons College,Coimbatore,pp.321-327.
7. M. Prakash and **Dr. G. Singaravel**, "A New Model for Privacy Preserving Sensitive Data Mining" In IEEE Sponsored Third International Conference on Computing, Communication and Networking Technology 2012 (ICCCNT12) held at SNS College of Engineering, Coimbatore on 26th, 26th - 28th July 2012.
8. M. Prakash and **Dr. G. Singaravel**, "A Study of Privacy Risks and Countermeasures in Mining and Publishing of Sensitive Data" In International Conference on Innovations in Communication Information and Computing (ICICIC'13) held at Sasurie College of Engineering, Vijayamangalam on January 9-11, 2013.
9. **Dr. G. Singaravel**, "Analysis of Distributed Jammer Network Attacks in Distributed Wireless Networks Using Linear Birth – Death Process" In International Conference on "Advanced Computing, Conyrol System,Machines and Embedded Technology"(ICACT2014) held at J.K.K.Natraja College of Engineering and Technology, Kumarapalayam on March 7-8, 2014.
10. **Dr. G. Singaravel** and Priya D , "Morphological **Dilation Using Weighted Points Via Skeletonization**" In Proceeding of International Conference on "Computing and Communication Technology"(ICCCT2014) held at Immanuel Arasar JJ College of Engineering ,Nattalam on January 22-23, 2014.
11. **Dr. G. Singaravel** and Priya D, "Creation of Zonal Map from Point Data Using Morphological Opening By Skeletonization " In Proceeding of IEEE International Conference on "Information Communication and Embedded" (ICICES 2014) held at S.A. Enineering College, Chennai on Feberury 27-28, 2014.
12. M. Prakash and **Dr. G. Singaravel**, "A survey on privacy preserving data publishing and mining," In International Conference on Trends in Technology for convergence, 2014.

13. **Dr. G. Singaravel** and S. Medhun Birundha, "A Novel Risk Analysis Approach for Security Requirement Prioritizations" In Proceedings of International Conference on Recent Innovations in Engineering & Technology (ICRIET-2015) held at Mahabharathi Engineering College, Chinnasalem, Tamilnadu, India on 13th & 14th, February 2015.
14. **Dr. G. Singaravel**, "My Routes App Using Agile – Scrum Methodology" in the International Conference on Advanced Theoretical computer Applications (ICATCA'16) ,organized by CAASR Publishers held at Kuala Lumpur , Malaysia on 5th & 6th May 2016.
15. **Dr. G. Singaravel** and M.Prakash "An efficient protocol for privacy Preservation in Big Data" in the International Conference on Advanced Theoretical computer Applications (ICATCA'16) ,organized by CAASR Publishers held at Kuala Lumpur , Malaysia on 5th & 6th May 2016.
16. **Dr. G. Singaravel**, "Map-Parallel scheduling (MPS) using Hadoop environment for job scheduler and time span for Multicore Processors" in the International Conference on Advanced Theoretical computer Applications (ICATCA'16),organized by CAASR Publishers held at Kuala Lumpur , Malaysia on 5th & 6th May 2016.
17. **Dr. G. Singaravel**, "Reserve Provisioning with protected Mining in Distributed Method for Cloud Data Environment" in the International Conference on Advanced Theoretical computer Applications (ICATCA'16),organized by CAASR Publishers held at Kuala Lumpur , Malaysia on 5th & 6th May 2016.

National Conference

1. **Singaravel G,(2006)**, ' Risk Management in Clean Room Software Engineering', Second National Conference on Recent Trends in Advanced Computing(NCRTAC-06), SNS College of Technology, Coimbatore,pp
2. **Singaravel G,(2007)**, ' Web Documents Contents Extraction Using Redundant Data Elimination Techniques', National Conference on Emerging Technology(MKCE- CONFLUENCE -07),M.Kumarasamy College of Engineering, Karur, pp
3. **Singaravel G** and Prabhu A (2009), 'An overview of reusability with reduction methodology for software coding transformation', Proceedings of Vellalar college of Engineering and Technology National Conference on Recent Trends in Computer Application(NCRTCA 2009) at Vellalar college of Engineering and Technology , Erode, pp. 272-276.
4. **Singaravel G** and Ganeshkumar K. (2008), 'An Overview of Software Clones', Proceedings of K.S.Rangasamy College of Technology Second National conference on New frontiers in computing (SNCONFIC -08) at K.S.Rangasamy College of Technology , Tiruchengode, pp. 28.
5. **Singaravel G .**, Ganeshkumar K and Palanisamy V(2009), 'Enervate and Destructive Risk Analysis Methodology for Software Project Failures' Proceedings of Government college of engineering National conference on Software Engineering and Application(codeclave 9.2) at Government college of Engineering,Salem,pp.309.
6. **Singaravel G.,(2009)**, 'Constraint Based Sequential Pattern Mining' Proceedings of National Conference on Recent Trends in Computer Application(NCRTCA 2009) at Vellalar college of Engineering and Technology , Erode.
7. **Singaravel G.,(2010)**, ' Multi Classifier Based Intrusion Detection System Using Feature Selection Mechanism' Proceeding of Fourth National Conference on Networks, Intelligence and Computing Systems(NCNICS-2010),Coimbatore.
8. **Singaravel G., (2014)**, 'Generation of zonal map from point via weighted skeletonization by influence zone' Proceeding of Second National Conference on Innovations in

Computer Technology and Communication (NCICTC14), Easa College of Engineering and Technology, Coimbatore.

9. **Singaravel G., and Kaveen P (2014), 'Image Forgery Detection using Machine – Learning Based Illuminant Estimator – A Survey'** Proceeding on National Conference on Innovations in Information Technology (NCIIT14), Bannari Institute of Technology, Sathyamangalam.
10. **Singaravel G., and Dhanasekaran R., (2014), 'Mathematical Analysis for Preventing Jammer Attacks in Distributes Wireless Networks,** Proceeding of 6th National Conference on Emerging Issues in Computer Applications for Intelligent Innovation in Information Technology, K.S.R College of Engineering, Namakkal.
11. **Singaravel G., and Prakash M (2014), 'A Study of Privacy Preserving Data Mining Techniques'** Proceeding of 6th National Conference on Emerging issues in Computer Applications for Intelligent Innovation in Information Technology (EICA – 2014), K.S.R College of Engineering, Namakkal
12. **Singaravel G., and Prakash M (2014), 'Privacy Preserving Protocol for Data Sharing in a Multi-Party Environment'** Proceeding of 2nd National Conference on Networking and Communication Systems (NCS – 2014), Excel Engineering College, Namakkal.

Book published

1. **'Computer Science - A Structured Programming Approach Using C'**, Behrouz A. Forouzan - De Anza College, Richard F. Gilberg - De Anza College, M.S., National University B.G. Geetha - K.S.R. College of Technology, Tiruchengode **G. Singaravel** - K.S.R. College of Engineering, Tiruchengode ISBN-13: 9788131516034 780 Pages, Imprint :Course Technology ©2012,Cengage Learning.[Text book for Anna University of Technology, Coimbatore – common syllabus for all branches of Engineering and Technology].
2. **'Introduction to Software Testing'**, N Satheesh Kumar,S Subashni DELL Services , B.G. Geetha - K.S.R. College of Technology, Tiruchengode **G. Singaravel** - K.S.R. College of Engineering, Tiruchengode.ISBN: 81-903041-0-0,Umayam Publication.

Patent Registered

1. **Singaravel G., and Ganesh Kumar K,** registered the application for grant of patent titled “Adaptive Reusability Risk Analysis Model for Software Development” on 03.09.2015 under the application no. 4685/CHE/2015.

Workshop/seminar/SDP/FDP Attended

Workshop

1. **“Workshop On Software Modeling Using UML”** held at Department of Computer Science and Engineering, Annamalai University, Annamalai nagar, sponsored by UGC, New Delhi, 19th – 21st February 2004.
2. **“One Day Workshop on Role of Citizens In Environments Management And Water Resources Development”**, held at R.R. Engineering College, Tiruchengode, sponsored by Environmental Cell Division, Coimbatore, 13th March 2004.
3. **“Workshop on Curriculum Development for B.E / B.Tech., Degree Course in Computer Science and Engineering and Information Technology”** held at Kongu Engineering College, Perundurai, sponsored by AICTE – QIP , New Delhi, 15th – 17th July 2004.

4. **“One day workshop on Accreditation a Right Approach”** held at Thiagarajar College of Engineering, Madurai, sponsored by AICTE, New Delhi, 1st May 2004.
5. **“One Day National Workshop on Software testing”**, held at K.S.R.College Of Art and Science, Tiruchengode, sponsored by Tamilnadu State Council for Science and Technology and NCSTC, Delhi, 9th September 2006.
6. **“Software Testing”** held at Kongu Engineering College, Perundurai, Sponsored by AICTE, New Delhi, 19th – 20th May 2006.
7. **“National Seminar on Mobile Agent Applications”** held at K.S.R.College of Engineering, Tiruchengode, sponsored by AICTE, New Delhi, 7th & 8th September 2007.
8. **“Two Day Instructional Course in Design and Analysis of Algorithm”**, held at Centre for Information Technology, K.S.R.College of Arts and Science, Tiruchengode, Sponsored by Indian Association for Research in Computing Science (IARCS), 18th & 19th October 2008.
9. **“Two Day National Workshop on Software Quality”**, held at Anna University, Coimbatore, sponsored by Department Of Information Technology, Ministry of Communication & Information Technology, Government of India, New Delhi, 8th & 9th May 2008.
10. **“One Day Workshop on Audit Policy And Conduct Of Internal And External Audit”**, held at Vivekanandha Institute Of Engineering And Technology For Women, Tiruchengode, sponsored by Anna University , Coimbatore, 16th July 2008
11. **“One Day Workshop on Qualnet”**, held at K.S.R. College Of Engineering, Tiruchengode, sponsored by Computer Society of India (CSI), Coimbatore Chapter, Coimbatore, 24th March 2009.
12. **“One Day Workshop on Virtual Private Network - VPN”**, held at K.S.R. College of engineering, Tiruchengode, sponsored by computer society of india (csi), Coimbatore chapter, Coimbatore, 3th January 2009.
13. **“One Day Workshop On Advancement In Digital Signal And Image Processing”**, held at K.S.R. College Of Engineering, Tiruchengode, 3th February 2009.
14. **“One day workshop on recent trends in information technology”**, held at K.S.Rangasamy College of technology, Tiruchengode, 31st January 2009.
15. **“One Day Workshop on Accreditation Awareness Programme”** held at Bannari Amman Institute Of Technology, Sathyamangalam, sponsored by AICTE, New Delhi, 27th January 2009.
16. **“Training Workshop for Academic Auditors”**, held at Kumaraguru College Of Engineering, Coimbatore, sponsored by Anna University, Coimbatore, 27th & 28th January 2009.
17. **“International Workshop One – Learning For Engineering Educator”** held at Anna University, MIT Campus, Chennai. 24th – 25th June 2011.
18. **“Enterprise computing”**-National level seminar held at Nandha Engineering College, Perudurai, sponsored by AICTE, New Delhi, 15th and 16th July 2011.
19. **“Cloud Computing and Its Research Application”** – National Level One Day Workshop held at K.S.R. College of Engineering, Tiruchengode, sponsored by CSI CHAPTER, 28th January 2011.
20. **“ Research Methodology and Techniques in Softcomputing”** – National level one day Seminar held at K.S.R. College of Engineering, Tiruchengode, sponsored by ICT Academy of Tamilnadu , 28th September 2011.

21. **“Enterprise Computing Lab”- Two days Hands on Training** held at K.S.R. College of Engineering, Tiruchengode Organized by Department of Information Technology, 2nd and 3th December 2011.
22. **“Panel Discussion on Autonomy as a tool for Quality Enhancement”** held at Government College of Technology, Coimbatore association with ZIPS Research Foundation on 26th June, 2012.
23. **“Cyber Security Challenges and Role of Intelligence”** two days National Seminar held at K.S.R.College of Engineering, Tiruchengode in association with Department of Electronics and Information Technology, Government of India, New Delhi on 14th and 15th September, 2012.
24. **“Training of Evaluators/Resource Person on Outcome Based Accreditation”** National Workshop phase-I & phase-II held at Bannari Amman Institute of Technology, Sathyamangalam.(Nodal Center) in association with National Board of Accreditation (NBA), New Delhi, on 6th January 2014 (Phase I) and 18th to 20th January 2014(Phase II).
25. **“ Infosys Campus Connect - Faculty Enablement Program(FEP) on Big Data and Analytics”**, Infosys Limited, Bangalore, 10.08.2015-14.08.2015.(5days).

FDP/SDP

1. AICTE sponsored Staff Development Programme on **“Mobile Computing”** held at K.S.R. College of Engineering, Tiruchengode, during 13th – 24th July 2006.
2. AICTE sponsored Staff Development Programme on **“The Prospect and Application of Data Mining and Web Mining Algorithms”** held at AL- Ameen Engineering College, Erode, during 23th – 5th May& June 2011.
3. **“Wipro Mission 10X Workshop”** held at K.S.Rangasamy College of Technology, Tiruchengode from 13th to 17th September 2011.
4. AICTE sponsored Staff Development Programme on **“Research Initiatives in Data Mining for Web Intelligence”** held at K.S.R.College of Engineering, Tiruchengode, during 22th June 2012 to 3rd July 2012.
5. AICTE sponsored Faculty Development Programme on **“Security Issues in Utility Computing”** held at K.S.R.College of Engineering, Tiruchengode, during 17th June 2013 to 3rd July 2013.
6. Two-week ISTE workshop on “Cyber Security” conducted by Indian Institute of Technology Bombay from 10th July to 20th July, 2014
7. **“Big Data and Analytics - Infosys Campus Connect - Faculty Enablement Program (FEP)”** held at Infosys Limited, Bangalore during 10th August 2015 to 14th August 2015.

Conferences/Symposia/Workshops/Seminars/FDP'S Organized

Symposia

1. Coordinator for the National Level Technical Symposium — “ABLAZE” for Department of Computer Science and Engineering at K.S.R. College of Engineering, Tiruchengode from 2003 to 2011.
2. Coordinator for the National Level Technical Symposium — “ASHRRA” for Department of Information Technology at K.S.R. College of Engineering, Tiruchengode from 2011 to 2015.

Workshops/Seminars

1. **Coordinator & Chairperson** for AICTE sponsored National Seminar on “Mobile Agent Applications” , 7th & 8th September 2007
2. **Coordinator** for the “ Research Interactive Software Professionals Meet” sponsored by DHS System, CSI Chapter ,Swell Technology and Department of Computer science and Engineering. and at K.S.R. College of Engineering, Tiruchengode, April 21st and 22nd, 2011.
3. **Convener** for the CSI Sponsored National level one day workshop on — “cloud computing and its research application” at department of computer science and engineering at K.S.R. College of Engineering, Tiruchengode on 28th January 2011.
4. **Convener** for the ICT Academy of Tamilnadu (An Initiative of Govt. of India, Govt. of Tamilnadu and CII, An ISO 9001 - 2008 Certified Organization) Sponsored National level one day seminar on — “Research methodology and techniques in soft computing ” at department of information technologist K.S.R. College of Engineering, Tiruchengode on 28th January 2011.
5. **Convener** for the “Enterprise Computing Lab”- Two days Hands on Training held at K.S.R. College of Engineering, Tiruchengode Organized by Department of Information Technology, 2nd and 3th December 2011.
6. **Convener** for CSIR Sponsored Programme for Two days National Seminar on “A Wireless Sensor Network for the Surveillance of Nuclear Radiation” on JUNE 18th & 19th, 2012. **(Ref .No: SYM/7118/11 –HRD & 23-04-2012)**
7. **Convener** for CSI sponsored two days workshop on “Research Tools for Data Mining and Big Data Analytics”, in the Department of Information Technology, K.S.R College of Engineering during 13th & 14th October, 2014.
8. **Convener** for Science and Engineering Research Board (SERB-DST) sponsored national seminar on “Data Mining Trends & Development for Geospatial Technology and its Applications” , in the Department of Information Technology, K.S.R College of Engineering during 13th & 14th October, 2014. **(Ref .No: SB/SS/776/14-15 Dated : 03 November 2014)**

Conferences

1. **Coordinator and Editor** in the Proceedings for the First National Conference on Computer Technology Innovation in Information Age(NCCTIIA) in Department of Computer science and Engineering. at K.S.R. College of Engineering, Tiruchengode, 7th April 2010
2. **Coordinator and Editor** in the Proceedings for the second National Conference on Computer Technology Innovation in Information Age(NCCTIIA) in Department of Computer science and Engineering. at K.S.R. College of Engineering, Tiruchengode, 13th October 2011.

FDP

1. **Coordinator for AICTE** Sponsored of Staff Development Program (SDP) in “Mobile Computing”, 13th – 24th July 2006.
2. **Coordinator** for Anna University, Chennai Sponsored Staff Development Program (SDP) in “Software Engineering”, 11th – 23th December 2006.
3. **Convener** for **AICTE** sponsored Staff Development Programme (**SDP**) on “Research Initiatives in Data Mining for Web Intelligence” on 22.06.2012 to 03.07.2012. **(F.No:1-78/RIFD/SDP (137)/2011-12 & 26.04.2012)**

4. **Convener** for **AICTE** sponsored Two Weeks Faculty Development Programme (FDP) on “Security Issues in Utility Computing” on 17.06.2013 to 03.06.2013. (**Ref .No: 1-7/AICTE/RIFD/FDP/Pvt.(3)-13/2012-13**)
5. **Convener** for **Anna University** sponsored Seven Faculty Development Training Programme on “IT6602-Software Architectures on **02.12.2015 to 08.12.2015..** (**Ref .No: No.21/CFD/Winter/FDTP/Affiliated/2015-64**)

Guest lecturer delivered

1. ‘Reusability of Software’ delivered the guest lecturer to staff development training for Government polytechnic teachers of south region of India, MHRD, Govt. of India organized with Computer center of NITTTR, Chennai on 12th October 2011.
2. ‘Software Engineering and Quality Assurance ’ delivered the guest lecturer to Faculty development Program for Affiliate Anna University self finances and government colleges faculties, sponsored by Anna University of Technology, Coimbatore organized with P.S.V. College of Engineering & Technology, Krishnagiri on 26th & 27th December 2011.
3. ‘Agile Methodology Framework in Software Engineering’ delivered the guest lecturer – Refresh Course, faculty of Information and Communication Engineering at UGC Academic Staff College, Bharatiyar University, Coimbatore held on 26.11.2012.
4. ‘Reusability as a Software Intelligent Agent ‘Delivered the Guest Lecturer – AICTE Sponsored Faculty Development Programme On Computational intelligence in Intelligent Agent & Web Applications held at Er. Perumal Manimekalai College of Engineering, Horse on 12.5.2013.
5. ‘Agile methodology and Software Engineering’ delivered the guest lecturer – AICTE Sponsored faculty development Programme on Emerging Trends & Technology in Software Engineering & Software Testing held at Er.Perumal Manimekalai College of Engineering, Horse on 3.07.2013.
6. ‘Object Oriented Analysis and Design (CS2353) delivered the lecturer for the Session – Anna University, Chennai Sponsored Seven Day faculty development Programme & conducted by Department of Computer Science and Engineering held at INFO institute of Engineering, Coimbatore on 25th November to 01st December 2013.
7. ‘High Performance Computing in Bioinformatics’ delivered the guest lecturer – Department of BioTechnology(DBT),Gov.of India Sponsored National Seminar at Er. Perumal Manimekalai College of Engineering, Horse on 21.12.13 to 23.12.13.
8. ‘Agile Methodology and Software Testing’ delivered guest lecturer – Refresh Course, in faculty of Information and Communication Engineering at UGC Academic Staff College, Bharatiyar University, Coimbatore held on 06.11.2014.

Award & Recognitions

- Got **Best International Journal Paper** award for “A Tool for Testing Inheritance Related Bugs in Object oriented Software” in Directory of open access journal, SPARC EUROPE AWARD 2009.
- Management Information System – Oct 2005 – 100% Result, Anna University ,Chennai
- Management information system –Dec 2006 – 100% Result, Anna University ,Chennai
- Software testing - April 2006 – 100% Result, Anna University ,Chennai
- Software testing - May2007 – 100 % Result, Anna University ,Chennai

- Computer Programming - May 2007- 100% Result, Anna University ,Chennai
- Software engineering –May 2009 – 100 % Results, Anna University of Technology, Coimbatore.
- Software quality Management –April 2010 – 100 % Results, Anna University of Technology, Coimbatore.
- Advanced computer Architecture – November 2011 -100 % results, Anna University of Technology, Coimbatore.
- Software Engineering Methodology – December 2014 – 100% results, Anna University, Chennai.
- **Best Teaching awards in Engineering for 2015** from Staffordshire University, UK and Education Matters.
- **Award for Achievements in Organizing FDP/Conferences** for 2014-15 from K.S.R College of Engineering (Autonomous), Tiruchengode.
- **Best support award** for International Conference on Advanced Theoretical computer Applications (ICATCA'16),organized by CAASR Publishers held at Kuala Lumpur , Malaysia on 5th & 6th May 2016.

Personal Details

Gender : Male
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 2. Tamil
 3. Malayalam

Reference

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2. **Dr. V. Cyrilraj** : Dean - Academic
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I assure that Information all above is true to my best of knowledge.

Place: Tiruchengode

Date: 04/03/2017

[Dr. G. SINGARAVEL]