

Resume of Dr.M.V.SRINATH



- 1. Name:** Dr.M.V.SRINATH
- 2. Father's Name:** (late) M.S. VIJAYARAGHAVAN
- 3. Address for Communication:**

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- 4. Contact Nos.:** +91 9710944476 (M),
+91 9443238900 (M)
- 5. Nationality:** Indian
- 6. Email ID:** sri_induja@rediffmail.com
- 7. Date of Birth:** 10-10-1972 Age as on 01.09.2020: 48 years
- 8. Gender:** Male
- 9. Educational qualifications:**

Sl. No.	Exam Passed	University / Institution	Year of Passing	Main Subjects	Division or Equivalent
1.	SSLC	Matriculation	1988	Maths, Science, History and Geography	First class 79%
2.	HSC	State Board	1990	Maths, Computer Science	First class 80%
3.	B.Sc	University of Madras	1994	Physics	Second Class

Sl. No.	Exam Passed	University / Institution	Year of Passing	Main Subjects	Division or Equivalent
4.	M.C. A	University of Madras	1997	Computer Applications	First Class
5.	Ph.D	University of Madras.	2005	Computer Applications - Engineering Education	Highly Commended

Other Academic Profile

- **Doctoral Degree (Ph.D)** in the field of Computer Applications - Engineering Education (Interdisciplinary) research study titled “**Development and Validation of Computer Assisted Self-Learning Package On Pedagogical Competencies For Teachers of Master of Computer Applications Programme**” at National Institute of Technical Teachers Training and Research (NITTTR), Ministry of Human Resource Development, Government of India, Chennai, affiliated to University of Madras. **Received Ministry of Human Resource Development (Government of India) Fellowship for the entire duration of the research.**
- Underwent a Course in Curriculum Development and Instructional Materials development at NITTTR Chennai.
- Passed the **National Standards Examination in Software Engineering** conducted by Computer Society of India.
- Certified IBM Main Frame Professional from Complete Business Solutions India Pvt. Ltd., Chennai.

10.Field / Area of Specialization:

Software Engineering,
Web engineering,
e-Learning and Instructional Design

11. Experience Summary

- From August 2014 Consultant Learning and Development, Chennai Softech, Chennai
- From August 2014 Consultant Learning and Development, Right Resource Solution, Chennai
- From September 2013 to till date Consultant (R&D), Elysium Technologies Private Limited, Chennai
- From March 2009 to August 2013 working as Head Educational Services and Consultant, at Sabre IT Solutions, Chennai
- From March 2009 to till date Director and Professor of Computer Applications at STET Women's College, Mannargudi, Tamilnadu, India
- From December 2007 to February 2009 worked as Lead Instructional Design at Hicommands Technologies India Limited, Chennai.
- From June 2007 to November 2007 worked as Manager (Instructional Design) at Hexaware Technologies Limited in their Corporate University called "HEXAVARSITY".
- From June 2007 to till date Visiting Professor of Computer Science and Engineering at Mahendra Engineering College, Namakkal Dt., and Tamil Nadu, India.
- From January 2005 till May 2007 worked as a Professor of Computer Science and Engineering at Mahendra Engineering College, Namakkal Dt., and Tamil Nadu, India.
- From January 2004 till May 2007 was a Visiting Faculty of Annamalai University DDE Study Centre at Salem.
- From May 1998 till May 2007 was a Visiting Faculty of Indira Gandhi National Open University (IGNOU) Study Centre at Salem.
- From Sep' 2000 to Dec'2004 did **Doctoral(Ph.D) Research Degree** in the field of Computer Applications - Engineering Education (Interdisciplinary at National Institute of Technical Teachers Training and Research (NITTTR), Ministry of Human Resource Development, Government of India, Chennai, affiliated to University of Madras as a full time research scholar.
- From May '97 to Aug '2000 worked as a Lecturer in the Department of Computer Applications and Engineering at Mahendra Engineering College, Namakkal Dt., and Tamilnadu, India.

- From December 1996 to May 1997 Worked as a Project Trainee in Central Leather Research Institute (CLRI), Chennai.
- Underwent IBM Mainframe Training at Complete Business Solutions India Pvt. Ltd., Chennai.

12.Academic Achievements

Areas of Research

- Software engineering
- Grid Computing
- Data Mining
- Web Mining
- Enhanced Network Routing Models – Fuzzy Based
- Network Security
- e-Governance
- Cloud Computing
- Internet of Things
- Big Data Analytics
- Smart Grid

Details of Research Scholars (Completed - 27) – As Supervisor

Sl. No.	Name	Title of the Thesis	Year of Completion	University
1.	P. VALARMATHIE	A HYBRID FUZZY C-MEANS CLUSTERING ALGORITHM FOR MICROARRAY GENE EXPRESSION DATA WITH A MIXTURE OF PRINCIPAL COMPONENT ANALYSIS	2011	Mother Theresa University
2.	DRONAM NAGESHWARA RAO	RELIABLE CODE COVERAGE TECHNIQUE IN SOFTWARE TESTING	JUNE 2013	Anna University

Sl. No.	Name	Title of the Thesis	Year of Completion	University
3.	PRADEEP GNANAM S	DEVELOPMENT AND VALIDATION OF A INSTRUCTIONAL DESIGN MODEL FOR WEB BASED LEARNING ENVIRONMENT	FEBRUARY 2014	Anna University
4.	P MOHAMMED SHAREEF	STUDY OF FAULT INJECTION PATTERNS IN SOFTWARE DEVELOPMENT TO ANALYSE DEFECT LEAKAGE AND AMPLIFICATION	FEBRUARY 2014	Anna University
5.	JAGADHESAN B	DOMAIN DEPENDENT VERTICAL SCALABILITY FOR DEVELOPMENTAL EFFORTS ON E-CONTENT	2014	Anna University
6.	KALADEVI A C	LOAD BALANCE OPTIMIZATION IN LEARNING GRIDS THROUGH SEMANTIC MATCHING FOR E-CONTENTS	MARCH 2014	Anna University
7.	SILAMBANNAN R	QUALITY FACTORS OF RELATIONAL METRICS FOR EVALUATION OF WEB-BASED LEARNING SYSTEMS	MARCH 2014	Anna University
8.	BASEERA A	RECOMMENDER SYSTEM FOR E-LEARNING THROUGH CONTENT AND	DECEMBER 2014	Anna University

Sl. No.	Name	Title of the Thesis	Year of Completion	University
		PROFILE BASED APPROACH USING SPAL MODEL		
9.	B.T.GEETHA	ENERGY EFFICIENT SECURITY IN WIRELESS NETWORKS USING EFFICIENT KEY DISTRIBUTION AND DYNAMIC KEY HIGH DIFFUSION ENCRYPTION	AUGUST 2015	Sathyabama University
10.	SENTHIL KUMAR C	DEVELOPING A CONCEPTUAL PROCESS MATURITY FRAMEWORK FOR E-LEARNING ORGANIZATIONS	OCTOBER 2015	Anna University
11.	SRIKANTH THODETI	DOCTORAL THESIS AT ACTIVE DATABASE MANAGEMENT SYSTEMS FOR MONITORING AND CONTROL	2016	DRAVIDIAN UNIVERSITY
12.	K. NAGESWAR RAO	EFFICIENT MINING IN HORIZONTALLY DISTRIBUTED DATABASES USING ASSOCIATION RULES	MAY-2016	Anna University
13.	V.SAMATHA	COMPONENT BASED MULTI ATTRIBUTE RESTRICTION MODEL FOR PRIVACY PROTECTION IN WEB COLLABORATION FOR SOFTWARE ENGINEERING	MAY-2016	Dravidian University

Sl. No.	Name	Title of the Thesis	Year of Completion	University
14.	RAJANKRUPA C	EFFORT ESTIMATION BASED ON FUNCTION POINT ANALYSIS USING QUANTITATIVE SIZING TECHNIQUE FOR E- LEARNING PROJECTS	JUNE 2016	Anna University
15.	M. HEMAMALINI	TASK SCHEDULING ALGORITHMS TO IMPROVE RESOURCE UTILIZATION IN GRID COMPUTING ENVIRONMENT	NOVEMBER - 2016	Bharathidasan University
16.	D. ANITHA	ENHANCING SOFTWARE TESTING FRAMEWORK IN PUBLIC CLOUD	JANUARY - 2017	Bharathidasan University
17.	S.ATHINARAYANAN	INVESTIGATIONS ON SERVICAL CANCER DETECTION AND CLASSIFICATION DURING PAP SMEAR SCREENING TEST	APRIL-2017	Manonmaniam Sundaranar University
18.	V. ALAMELU MANGAYARKARASI,	A NOVEL ALGORITHMIC APPROACH FOR DIRECTED ACYCLIC GRAPH BASED TEST CASE PRIORITIZATION IN AGILE SOFTWARE TESTING METHODOLOGY	JULY - 2017	Bharathidasan University
19.	R. DHARANI	ROBUST SECURE POWER MANAGEMENT TECHNIQUES IN MOBILE WIRELESS SENSOR	NOV-2017	Bharathidasan University

Sl. No.	Name	Title of the Thesis	Year of Completion	University
		NETWORK		
20.	S.BHUVANA	EFFECTIVENESS OF AUTOMATED COMBINATORIAL TESTING FOR SOFTWARE WITH BOOLEAN INPUTS BASED ON T-WISE TESTING	FEB -2018	Bharathidasan University
21.	M.ROBINSON JOEL	AN EFFICIENT WEB PERSONALIZATION APPROACH TO DISCOVER USER INTERESTED DIRECTORIES	APRIL- 2018	Manonmaniam Sundaranar University
22.	R. ANITHA	OPTIMIZING THE COST OF SOFTWARE QUALITY ASSURANCE USING OPTIMUM TIME SCHEDULE AND STAFF PREDICTION (OTSSP) MODEL AND A DYNAMIC INTEGRATED SYSTEM FOR DETECTING AND FIXING VULNERABILITY BUGS	AUGUST - 2018	Bharathidasan University
23.	V. GEETHA	IMPROVED SEMANTIC E-LEARNING FRAMEWORK FOR COMPLEX QUERY PROCESSING IN HETEROGENEOUS WEB SERVICES	SEPTEMBER - 2018	Bharathidasan University
24.	S.N. SHEELA EVANGELIN PRASAD	INTRUSION DETECTION OF DoS ATTACKER	JANUARY - 2019	Manonmaniam Sundaranar University

Sl. No.	Name	Title of the Thesis	Year of Completion	University
		THROUGH IP SPOOFING		
25.	K. VINAYAKAN	DESIGN OF SECURE Ad-Hoc ON DEMAND DISTANCE VECTOR (SAODV) ROUTING PROTOCOL FOR MOBILE Ad-Hoc NETWORK (MANET)	APRIL - 2019	Bharathidasan University
26.	PAKUTHARIVU. P	DESIGN AND DEVELOPMENT OF FINGERPRINT IMAGE IDENTIFICATION AND CLASSIFICATION USING IMPROVED SVM CLASSIFIER	DECEMBER 2019	Bharathiar University
27.	S. VINCE RAICHEAL	DEFINING PROCESS CAPABILITY PROFILE BASED ON CAPABILITY MATURITY MODEL INTEGRATION (CMMI) PROCESS PERFORMANCE FOR SMALL AND MEDIUM ENTERPRISES	2020	Bharathidasan University

List of Research Scholars with Topics of Research (Currently pursuing):05

S.No.	Name of the Candidate	Topic of Research	University
Department of Computer Science and Engineering			
1.	A.PARAMESHWARI	Biorthogonal Wavelet Principle Component Analysis based Non-linear Bilateral Filtering for Underwater Image Enhancement	Bharathiyar University

2.	R.MANJUPARGAVI	Developing a Three level security mechanism to validate the users and devices in cloud environment	Bharathidasan University
3.	K.SAVIMA	Developing An advanced version of the Present light weight Block Cypher for IOT devices to provide enhanced security	Bharathidasan University
4.	N.SUBHALAKSHMI	Developing a Security Analytics System to Implement Security and Privacy in Storing Big Data on Cloud	Bharathidasan University
5.	B.VIJAYALAKSHMI	State-of-the-art frameworks and platforms for processing and managing big data as well as the efforts expected on big data mining	Bharathidasan University

No. of M. Phil Students Guided: 38

S.NO	NAME OF THE SCHOLAR	TITLE	YEAR OF COMPLETION	UNIVERSITY
1.	V.ANANDHALAKSHMI	An analysis of cost optimization in analytical software quality assurance	2012	Bharathidasan University
2.	J.NEELAVENI	A Method Systematically Generating Tests From Object Oriented Class Interfaces	2012	Bharathidasan University
3.	R.PREETHA	Performance Evaluation of Cloud Infrastructure Using Complex Workloads	2012	Bharathidasan University
4.	A.SHARMILADEVI	A Trusted Dependable Storage System For the Cloud Computing	2012	Bharathidasan University
5.	N.SUBASHREE	Intelligent Interfaces For Enabling Blind Web Users To Access The Web By Using	2012	Bharathidasan University

		Web Engineering Principles		
6.	S.SUJA	A Reajaxed Ajax Framework For Dynamic Web Content Injection	2012	Bharathidasan University
7.	M.ABIRAMI	Cloudtps:Scalable Transaction And Consistent Join Queries For Web Application In Cloud Data Stores.	2013	Bharathidasan University
8.	S.BUVANESWARY	Exploiting Dynamic Information IDE'S Improves Speed And Correctness Of software Maintenance Tasks.	2013	Bharathidasan University
9.	R.HARIVANI	Survey Of Extending Software Engineering Collaboration towards the Intersection Of software And Art.	2013	Bharathidasan University
10.	S.MEENA	Data Sharing In Cloud Computing With Enchancing Distributed Accountability	2013	Bharathidasan University
11.	U.MUDIYARASI	Evaluation And Measurement Of Software Process Improvement- A Systematic Literature Review	2013	Bharathidasan University
12.	ELAKKIYA.S	Security Enhanced Software Process Improvements(SPI) In Distributed Product	2014	Bharathidasan University
13.	KEERTHIKA.S	Effective and Enhanced Automated Summarization of Bug Reports For Developers	2014	Bharathidasan University

14.	SATHYA.S	Summarization of Activity in Spatial Network by using KMR-EEP Approach	2014	Bharathidasan University
15.	SITHARANJANI.K	Variability in Software System with Interoperability	2014	Bharathidasan University
16.	SUTHAPRIYA.G	Effective and Efficient Clustering method for correlated probabilistic graph	2014	Bharathidasan University
17.	S.SARATHA	Discovering Emerging Topics in Social Streams Using NADS and VFDT	2015	Bharathidasan University
18.	S.SIVARANJANI	A Novel Framework Using Structured Robustness Score in Keyword Queries Over Database by Feedback Algorithm and Profile Migration Scheme	2015	Bharathidasan University
19.	B.SOWMIYA	News Based Trading Framework Using Genetic Programming	2015	Bharathidasan University
20.	K.VETRIKODI	Efficient Analysis of Differential Query Services in Mobile Crowd and Its Location Privacy	2015	Bharathidasan University
21.	R.INDHUNISHA	SSH:Shark Search Algorithms And Gray-Box Program With Hadoop In Distributed Network	2015	Bharathidasan University
22.	R.RAMYA	Association Rules Based Secured Data Set Using Dynamic Pivot	2016	Bharathidasan University

		Tuple(DPT) Technique.		
23.	A.RANJITHA	Optimized Web Image Search Using Meta-Annotation Re ranking Technique	2016	Bharathidasan University
24.	A.RATHIGA	Constraints Based Privacy Preserving Framework for Semantically Secure Encrypted Relational Data.	2016	Bharathidasan University
25.	N.RENUKA	Flexible Image Recognition Using Spatial Ontology Matching (SOM) With Mining Latent Attributes.	2016	Bharathidasan University
26.	T.TAMILSELVI	Efficient Optimized Similarity Cluster Search in High Dimensional Spaces.	2016	Bharathidasan University
27.	CHITRA.S	Map Based Multi Copy Dynamic Data Processing In Cloud Computing	2017	Bharathidasan University
28.	KALPANA.S	Timeline Summarization For Tweets Using Sumblr In A Distributed System For Large Scale Datasets	2017	Bharathidasan University
29.	KARPAGAPRIYA.B	User Web Access Record Mining For Business Intelligence	2017	Bharathidasan University
30.	NISHANTHI.S	Understanding Social Objects Interaction For Autonomous Navigation Using Risk-Free Mechanism	2017	Bharathidasan University
31.	AATHILAKSHMI.R	Depiction Optimization of overdue Wifi	2018	Bharathidasan University

		Offloading in Heterogeneous Systems		
32.	ARUNA.P	Identifying Dissimilar Conditions of Crisis Events using Web Assets	2018	Bharathidasan University
33.	KARTHIGA.S	A secure way for Key distribution of active collections in the Cloud	2018	Bharathidasan University
34.	KANCHIKAMATCHI. K	Privacy Preserving secure database to Two Non-colluding clouds	2018	Bharathidasan University
35.	SUGANTHI.R	The rule based Deduction method using Detecting phishing	2018	Bharathidasan University
36.	B.GAYATHRI	Towards confidence interval Estimation in truth discovery	2019	Bharathidasan University
37.	M.ISHWARYA	Configuration verbunden effort Conception with autoevaluation of in intellectual runing on data Processor of the sun tracker	2019	Bharathidasan University
38.	R.RATTHIKA	Assessing the consequence of User convergence generalization Onverbundentele communications Course technicals	2019	Bharathidasan University

Research Publications and Reports:

Publications

Papers published in International Journals	: 54
Papers Presented in International Conferences	: 11
Papers presented in National Conferences	: 13
Papers published in National Journals	: 03
Papers Presented	: 38

International Journals

1. Paper published in International Journal of Technical and Vocational Education titled “A MODEL FOR DEVELOPMENT OF QUALITY MULTIMEDIA LEARNING PACKAGES FOR IN-SERVICE TRAINING OF TECHNICAL TEACHERS”, Issue 20, Volume 20 Number 1, and July 2003.ISSN 0971 – 8508.
2. Paper published in International Journal of Technical and Vocational Education titled “PROMISE OF COMPUTER BASED MULTIMEDIA LEARNING”, Issue 21, Volume 20 Number 2, December 2003.ISSN 0971 – 8508.
3. Edited Chapter published in Macmillan Advanced research series in WEB ENGINEERING AND APPLICATIONS titled “DEVELOPMENT OF A CONCEPTUAL MODEL FOR CONVERSION OF COMPUTER BASED MULTIMEDIA TO WEB BASED MULTIMEDIA TO ADVOCATE VIRTUAL LEARNING”, ISBN-10:0230-63032-4, First Published 2006.
4. Paper published in International Journal of Technical and Vocational Education titled “DEVELOPMENT AND VALIDATION OF COMPUTER ASSISTED SELF – LEARNING PACKAGE ON PEDAGOGICAL COMPETENCIES FOR TEACHERS OF MASTER OF COMPUTER APPLICATIONS PROGRAMME “, Volume 23 Number2, December 2006.ISSN 0971 – 8508.
5. Paper published in International Journal of Technical and Vocational Education titled “A PARADIGM SHIFT FROM CONVENTIONAL LEARNING TO e- LEARNING “, Volume 23 Number2, December 2006.ISSN 0971 – 8508.
6. P Mohammed Shareef, **M V Srinath** and S Balasubramanian (2010), “Study and Analysis of Defect Amplification Index in Technology Variant Business Application Development through Fault Injection Patterns”, Journal of Software Engineering and Applications (JSEA), USA, Vol. 3, No. 4, pp. 364- 373. (ISSN Print: 1945-3116, ISSN Online: 1945-3124, CNPIEC Serials Number: 739B0209)
7. P Mohammed Shareef, **M V Srinath** and K Gopalakrishnan (2009), “Fault Injection based Analysis of Defect Amplification Index in Technology Variant Commercial Software Application Development”, International Journal of Computer Science and Network Security (IJCSNS), Korea, Vol. 9, No. 12, pp. 187-197 (ISSN : 1738-7906)
8. P Mohammed Shareef, **M V Srinath** and S Balasubramanian (2009), “Statistical Analysis of Defect Amplification Index in Domain Variant Commercial Software Application Development through Fault Injection Patterns”, International Journal of Computer and Network Security, Austria, Vienna, Vol. 1, No. 3, pp. 7-14 (ISSN Print: 2076-2739, ISSN Online: 2076-9199)

9. P Mohammed Shareef, **M V Srinath** and K Gopalakrishnan (2010), “Study of Defect Amplification Index through Fault Injection Modeling”, ICFAI University Journal of I T
10. P Mohammed Shareef, M V Srinath and S Balasubramanian (2010), “Fault Injection Experiments to Study Defect Leakage and Amplification in Domain Variant Application Development”, SCIT (Symbiosis Centre for Information Technology) Journal 2010, Vol.X. (ISSN : 0974-5076)
11. Jagadhesan, B & **Srinath, MV** 2013, ‘Factors for Vertically Scalable Learner Levels of Sharable e-Content Objects’, International Journal of Engineering and Technology, ISSN 0975 4024, vol. 5, no. 5, pp. 4039-4044 (Annexure II).
12. Jagadhesan, B & **Srinath, MV** 2013, ‘Learner Centric Models for Enhanced Learning through E-learning Strategies’, in International Journal of Advanced Research in Computer Science and Software Engineering, ISSN 2277 128X, vol. 3, no. 7, pp. 865-868.
13. Rajankrupa, C & **Srinath, MV** 2015, ‘Effort Estimation on E-learning Projects Using Function Point Analysis’, International Journal of applied Engineering Research, ISSN 0973 4562, vol. 10, no. 13, pp. 33888-33892 (Annexure II).
14. Alamelu Mangaiyarkarasi V, **Dr. Srinath M V** and Dr. Omar A Allhayasat. “A Survey on Agile Software Testing Mechanism with Directed Acyclic Graph (DAG) Based Model in Various Platform,” Australian Journal of Basic and Applied Sciences, Vol. 8, No. 3, pp. 266-273, 2014.
15. Alamelu Mangayarkarasi, V. **M. V. Srinath,**” An Efficient DAGbM-KSJS Algorithm for Agile Software Testing, International Review on Computers and Software (I.RE.CO.S.), Vol. 11, N. 10 ISSN 1828-6003 October 2016.
16. Alamelu Mangaiyarkarasi1, **M.V. Srinath,** “A Novel Prioritized Deciding Factor(PDF) Approach for Directed Acyclic Graph(DAG) Based Test Case Prioritization using Agile Testing Methodology”, International Journal of Computing Algorithm Volume: 05 Issue: 02 December 2016 Page No.72-78 ISSN: 2278-2397.
17. Hemamalini, M. and **Srinath, M.V.** 2014. State of the Art: Task Scheduling Algorithms in Heterogeneous Grid Computing Environment. Elysium Journal of Engineering Research and Management 1(1): 15-21.
18. Hemamalini, M. and **Srinath, M.V.** 2015. Memory Constrained Load Shared Minimum Execution Time Grid Task Scheduling Algorithm in a Heterogeneous Environment. Indian Journal of Science and Technology 8(15): 1-8.
19. Hemamalini, M. and **Srinath, M.V.** 2016. Performance Analysis of Balanced Minimum Execution Time Grid Task scheduling algorithm. International Journal of Communication and

- Networking System 5(2): 96-100.
20. Geetha, B.T. and **Srinath, M.V.** (2013), "A Secure Data Transmission Using Dynamic Random Key", in International Journal of Engineering and Innovative Technology (IJEIT), Vol. 3, No. 2, August, pp. 50-54.
 21. Geetha, B.T. and **Srinath, M.V.** (2014), "Energy Efficient Novel Cipher Security Mechanism For Wireless", in International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), Vol. 3, No. 1, January–February, pp. 132-136.
 22. Geetha, B.T., **Srinath, M.V.** and Perumal, V. (2014), "Group Communication Using-A Dynamic Key Generation Protocol", International Journal of Advance Research in Computer Science and Management Studies, Vol. 2, No. 6, June, ISSN: 2321-7782.
 23. Geetha, B.T., **Srinath, M.V.** and Perumal, V. (2014), "An Empirical Survey on Various Malicious Security Attacks in Online Transactions", International Journal of Advanced Engineering Research and Science (IJAERS), Vol. 1, No. 5, Oct, ISSN: 2349-6495, 70-75.
 24. Geetha, B.T., **Srinath, M.V.** and Perumal, V. (2014), "Conditional Privacy Protocol To Overcome Security Threats In Wireless Network Transactions", Elysium Journal of Engineering Research & Management, Vol. 1, No. 1, August, pp. 53-59.
 25. Geetha, B.T., **Srinath, M.V.** and Perumal, V. (2014), "A Secure and Efficient Group Transmission In Wireless Networks Using A Random Key Generation And Encryption", International Journal of Applied Engineering Research ISSN 0973-4562, SNIP : 0.034, Vol.9, No. 22, pp. 16917-16932. 186
 26. Baseera, A & **Srinath, MV** 2014, 'Design and development of a recommender system for e-learning modules', Journal of Computer Science., vol. 10, no. 5, pp. 720-722. DOI: 10.3844/jcssp.2014.720.722.
 27. Baseera, A & **Srinath, MV** 2014, 'Developing a Recommender system for web based learning', International Journal on Recent Researches In Science, Engineering & Technology, vol. 2, no. 9, September. DIIF IF :1.46, SJIF IF: 1.329.
 28. Senthilkumar, C & **Srinath, MV** 2014, 'Software Process Maturity and Capability Evaluation and its Implementation in the Areas of E-Learning Organizations', Journal of Computer Science, Science Publications, vol.10, no. 4, pp. 647-651, ISSN: 1549-3636.
 29. Senthilkumar, C & **Srinath, MV** 2013, 'Improvement of Quality for E-Learning Organizations with Key Process Areas of E-Learning Maturity Model', International Journal of Innovative Research in Engineering Science and Technology, vol. 1, issue 4, pp. 01-06, ISSN: 2320 – 981X.
 30. Jayakumar, **M. V. Srinath, S. Renukadevi,** "A paradigm shift from conventional learning to E-

- learning” Journal of Technical and Vocational Education, Vol. 23 , No. 2, December 2006.
31. R. Anitha, **Dr. M.V. Srinath** and Dr.Omar A. Allhayasat. “Cost Optimization Approaches of Software Quality Assurance,” Australian Journal of Basic and Applied Sciences, Vol. 8, No.13, pp. 714-720, 2014.
 32. R. Anitha, **Dr. M. V. Srinath**, “Optimum Time Shedule and Staff Prediction (OTSSP)model for SQA”, International Review on Computers and Software (I.RE.CO.S.), Vol. 11, N. 12 ISSN 1828-6003 December 2016.
 33. R. Anitha , **Dr. M.V. Srinath**, “Dynamic Integrated System for Detecting and Fixing vulnerability Bugs”, Indonesian Journal of Electrical Engineering and Informatics(IJEEI)”, Volume: 6, No. 1, pp.105 – 109, ISSN: 2089-3272, March 2018.
 34. Pradeep Gnanam, S., **Srinath, M.V.** and Sivhakumaar, V.P “Emerging Web Instructional Design Model for Developing Web Based Learning Resources”, European Journal of Scientific Research, July 2011, ISSN 1450 – 216X, Vol. 56, No. 4, pp. 548-555, 2011.
 35. Pradeep Gnanam, S., **Srinath, M.V.** and Sivhakumaar, V.P “Developing Web Based Learning Environment using Web Instructional Design Model”, CIIT International Journal of Data Mining and Knowledge Engineering, Feb 2011, ISSN 0974 – 9683, Vol. 3, No. 3, pp. 153-157, 2011.
 36. Silambannan, R & **Srinath, MV** 2013, ‘A Convictive Framework for Quality Based Construction and Evaluation of E-Learning Website’, Journal of Theoretical and Applied Information Technology, ISSN:19928645, e-ISSN:18173195, vol. 58, no. 1, December 2013 (Annexure-II).
 37. Kangaiammal, A, Silambannan, R & **Srinath, MV** 2013, ‘Student Learning Ability Assessment using Rough Set and Data Mining Approaches’, IJMECS - International Journal of Modern Education and Computer Science, e-ISSN: 2075-017X, vol. 5, no. 5, pp. 1-11, June 2013.
 38. Geetha, V., **Srinath, M.V.** & AlHeyasat, O. 2014. A Review on Semantic Ontology based E-learning Framework. (IJCSIT) International Journal of Computer Science and Information Technologies. Vol. 5(6), 7471-7476, ISSN: 0975-9646.
 39. Geetha, V. and **Srinath, M.V.** 2017. Improved Semantic E-learning Framework for Complex Query Processing in Heterogeneous Web Services. Indian Journal of Forensic Medicine & Toxicology. Vol.11, No.2, 147-155, ISSN(print): 0973- 9122, ISSN(Online): 0973-9130
 40. Geetha, V., Saad Saeed Alamry & **Srinath, M.V.** 2018. Semantic Ontologybased E-learning Framework for Heterogeneous Environment. Asian Journal of Applied Research.
 41. Geetha, V., and **Srinath, M.V.** 2018. Enhanced Semantic E-Learning Framework for Complex

- Query Processing in Heterogeneous Web Services using XML. International Journal of Research and Analytical Reviews. Vol.5, No.3, 46z-52z, ISSN(print):2349-5138, ISSN(Online):2348-1269.
42. S.N.Sheela Evangelin Prasad¹ & **Dr. M.V.Srinath**, International Journal of Research and Analytical Reviews Research Paper A New Local Area Network Attack through IP Address Spoofing
 43. Published a paper titled "AN EFFICIENT WEB PERSONALIZATION APPROACH TO DISCOVER USER INTERESTED DIRECTORIES" in ICTACT Journal on Soft Computing, April 2014, Vol 4, Issue 3, ISSN 2229-6956
 44. Published a paper titled "A STUDY ON DEVELOPING WEB DIRECTORY BASED ONWEB USER INTEREST" ,Elysium Journal Of Engineering Research & Management EJERM, Volume 1, Issue 2, OCTOBER 2014, P-ISSN: 2347-4408 | E-ISSN: 2347-4734.
 45. Published a paper titled "A PERFORMANCE STUDY ON WEB USAGE MINING TECHNIQUES TO DISCOVER USER INTERESTED DIRECTORIES", International Journal on Recent Researches In Science, Engineering & Technology(JRRSET), Volume 2, Issue 10, October 2014, ISSN (Print) : 2347-6729
 46. K. Vinayakan, and **M.V. Srinath**, "Security Mandated Analytics based Route Processing with Digital Signature [SMARPDS] - Pseudonymous Mobile AdHoc Routing Protocol", in Indonesian Journal of Electrical Engineering and Computer Science, Vol. 10, No. 2, May 2018, ISSN: 2502-4752
 47. K. Vinayakan, and **M.V. Srinath**, "Reinforcing Secure on-Demand Routing Protocol in Mobile AD-Hoc Network using Dual Cipher based Cryptography", in International Journal of Control Theory and Applications, Volume 10 Number 23 2017, ISSN : 0974-5572
 48. K. Vinayakan, and **M.V. Srinath**, "A Secured On-Demand Routing Protocol for Mobile Ad-Hoc Network - A Literature Survey", in International Journal of Scientific & Engineering Research, Volume 6, Issue 6, June-2015, ISSN 2229-5518
 49. Pakutharivu.P and **Dr.M.V.Srinath**. "A comprehensive survey on fingerprint recognition systems." Indian Journal of Science and Technology 8, no. 35 (2015): 1.
 50. Pakutharivu.P and **Dr.M.V.Srinath**. "Analysis of Fingerprint Image Enhancement Using Gabor Filtering With Different Orientation Field Values." Indonesian Journal of Electrical Engineering and Computer Science 5, no. 2 (2017): 427-432.
 51. Pakutharivu.P and **Dr.M.V.Srinath**. "Fingerprint Image Enhancement Technique using Adaptive Histogram Equalization and Gabor Filtering" Journal of Advanced Research in Dynamical & Control Systems, Vol. 10, 06-Special Issue, 2018

52. Anitha. D and **Dr. M.V. Srinath** (2014) “A review on software testing framework in cloud computing” in International Journal of Computer Science and Information Technologies, Vol 5(6), (2014), ISSN No: 0975- 9646.
53. Anitha. D and **Dr. M.V. Srinath** (2016) “A Secure Software Testing in Distributed Cloud Environment using Weight-Based Prioritization Technique” in Global Journal of Engineering Science & Social Science Studies, Vol 2(6), (2016), ISSN No:2394-3084
54. Anitha. D and **Srinath. M.V** (2016) “FSS-DKM: A hybrid Big Data clustering Approach using Feature Subset Selection and Distance based K-means algorithm” in Scientific Transactions in Environment and Technology, Vol 9(3), (2016), ISSN No: 0973-9157.
55. B.Vijayalakshmi, **Dr. M.V.Srinath** ,”STATE-OF-THE-ART FRAMEWORKS AND PLATFORMS FOR PROCESSING AND MANAGING BIG DATA AS WELL AS THE EFFORTS EXPECTED ON BIG DATA MINING” PISSN:2347-4408 EISSN:2347-4734 1| Page October 2014, Volume - 1, Issue - 2

National Journals

1. Geetha, B.T., **Srinath, M.V.** and Perumal, V. (2015), “Energy Efficient Throughput Maximization for Wireless Networks Using Piece Wise Linear Approximation”, Indian Journal of Science and Technology, SNIP : 0.325, Vol. 8, No. 7, pp. 683–688, April, ISSN (Print) : 0974-6846, ISSN (Online) : 0974-5645.
2. Geetha, B.T., **Srinath, M.V.** and Perumal, V. (2015), “Optimized Scheduling Algorithm For Energy Efficient Wireless Network Transmissions”, The IUP Journal of Computer Sciences, Vol. IX, No. 2.
3. Anitha. D and **Dr. M.V. Srinath** (2016) “The Conceptual View of Testing as a Service (Taas) On Cloud” in EJERM - Elysium Journal of Engineering Research and Management, Vol 3(4), (2016), ISSN No:2347- 4734.

International Conference Proceedings

1. Rajankrupa, C & **Srinath, MV** 2011, _Integration of Blended Learning in Ethical Aspects of E-Learning Environment & Its issues ‘, in International conference on Emerging Trends in Computing ICETC - 2011, ISBN 978-93-80769-04-2, pp. 85-90.
2. Rajankrupa, C, Jagadhesan, B & **Srinath, MV** 2012, _An Empirical Study on Effort Estimation Techniques Used in E-learning Courseware Developments using Function Point‘, in International conference on Innovative Computing and Information Processing (ICICIP) – 2012, ISBN 978-81-8474-758-9, pp. 88
3. Hemamalini, M. and **Srinath, M.V.** 2014. Balanced Minimum Execution Time Grid Task Scheduling Algorithm in a Heterogeneous Environment. In: Proc. IEEE International

Conference on Advances in Engineering and Technology – (ICAET); 2014 May 2-3; E.G.S.Pillay Engineering College, Nagapattinam, India.

4. Rajan Kirupa, C, Jagadhesan, B & **Srinath, MV** 2011, 'Integration of blended learning in ethical aspects of e-learning environment and its issues, 17th & 18th March 2011, ICETC 2011 at Sriramakrishna Engineering College, pp.85-90, ISBN: 9789380769042.
5. Geetha, B.T. and **Srinath, M.V.** (2012), "A Study on various Cryptographic Key Management and Distribution system in Secure Multicast Communications", International Conference on Advances in Mobile Network, Communication and Its Applications, 978-0-7695-4720-6/12©2012 IEEE DOI10.1109/MNCApps.2012.18.
6. Geetha, B.T., **Srinath, M.V.** and Perumal, V. (2015), "QoS Guaranteed Transmissions in Wireless Networks-A Review", Proceedings Of International Conference On Current Innovations In Engineering And Technology, ISBN: 978-15-086565-24, pp. 169-178.
7. Senthilkumar, C & **Srinath, MV** 2014, 'Conceptual Process Maturity Framework for E-Learning Organizations', International Conference on Excellence of Innovations in Business Organizations in association with ICTACT held on 17th October, 2014 at Mahendra Engineering College, Mallasamudram, India.
8. Senthilkumar, C & **Srinath, MV** 2012, 'A Comparative Study on CMMI Framework Product Suit with TMMi Framework', International Conference on Controls, Communications and Systems (ICCCS – 2012) in association with IEEE, IETE, ISTE & ICTACT held on 14th- 16th September 2012 at Mahendra Engineering College, Mallasamudram, India.
9. Senthilkumar, C & **Srinath, MV** 2012, 'Conceptual Process Model for E-Learning Maturity Model', International Conference on Innovative Computing and Information Processing (ICICIP – 2012) in association with IEEE, CSI, ISTE & ICTACT held on 29th - 31st March 2012 at Mahendra Engineering College, Mallasamudram, India. 237
10. Senthilkumar, C & **Srinath, MV** 2009, 'E-learning Capability Maturity Model – A Conceptual Overview', International Seminar on Recent Trends in Global Business Order – Impact in Asia held on 30th and 31st, January 2009 at Vivekanandha Business School for Women, Tiruchengode, India.
11. Kangaiammal, A, Silambannan, R & **Srinath, MV** 2014, 'Dependency Factors for Evaluating Infrastructure Subsystem of ELearning system using Binary Encoding', International Conference on Contemporary Trends in Computer Science, J.J. College of Arts and Science(Autonomous), Pudukkottai, Tamilnadu, India 20-02-2014 & 21-02-2014.

National Conference

1. Geetha, B.T. and **Srinath, M.V.** (2010), “Energy Consumption Characteristics of Security Protocols- A Study”, NCRTCSE-2010, Sathyabama University, March 5th and 6th .
2. Geetha, B.T., **Srinath, M.V.** and Perumal, V. (2015), “An Efficient Novel Encryption Technique for Bluetooth Technology”, Proceedings of National Conference on Mechatronics – Technologies and Future Challenges.
3. Senthilkumar, C & **Srinath, MV** 2011, ‘E-Learning Capability Maturity Model – Interaction with Learning’, National Seminar on Trends and Challenges in Computational Research in association with AICTE held on 14th – 15th July, 2011 at Vivekanandha Institute of Information and Management Studies, Tiruchengode, India.
4. Senthilkumar, C & **Srinath, MV** 2008, ‘E-learning Maturity Model – A Conceptual Overview’, National Conference on Software Engineering (NCSE 2008) on 5th December 2008 at Sacred Heart College, Tirupattur, India.
5. Senthilkumar, C & **Srinath, MV** 2008, ‘E-learning Maturity Model : A Conceptual Overview’, National Conference on Information and Computer Applications (NCICA’08) held on 14th August 2008 at Sengunthar Engineering College, Tiruchengode, India.
6. Silambannan, R & **Srinath, MV** 2008, ‘Web Engineering: Models and methodologies for the design of e-learning applications on Courses involving information processing’, Second National Conference on New Frontiers in Computing– 2008, K.S.Rangasamy College of Technology, Tiruchengode, 23-09-2008.
7. Silambannan, R & **Srinath, MV** 2008, ‘Quality-Model based Evaluation Process for websites – A Conceptual overview’, National Conference on Information and Communication Applications (NCICA–08), Sengunthar Engineering College, Tiruchengode, 14-08- 2008.
8. Jagadhesan, B & **Srinath, MV** 2010, ‘Current Landscape of E-learning Adoption and Experiences for Learning Process’, in Proceedings of National conference on Role of Information and Technology in Management ITMS 2010, ISBN 978-93-80466-00-2, pp. 50-53.
9. Jagadhesan, B & **Srinath, MV** 2008, ‘Innovative Approaches in Elearning through M-learning Possibilities and Opportunities’ in Proceedings of National Conference On Software Engineering and Applications (NCSE 2008) at Sacred Heart College (Autonomous), Tirupattur , pp. 16-21
10. Jagadhesan, B & **Srinath, MV** 2008, ‘Current Trends and Opportunities towards the

Deployment of Elearning programmes' in Proceedings of Second National Conference On New Frontiers in Computing (SNCONFIC-08) at KSR College of Technology, Tiruchengode .

11. Jagadhesan, B & **Srinath, MV** 2008, 'Reality of Blended Learning aspect of E-learning and its Implementation issues' in Proceedings of National Conference on Information & Computer Applications (NCICA-08) at Senguthar Engineering College, Tiruchengode, pp. 171-176.
12. Baseera, A & **Srinath, MV** 2012, 'E-Learning : A smart didactic method of live learning', National conference on Emerging Trends in Computer Engineering and technologies. Held at T.Jonh college on 11th –12th April. ISBN: 978-93-80406-72-5.
13. Anitha. D and **Srinath. M.V** (2012) "A Study on software testing approach towards information security in cloud computing" in National Conference on Emerging trends in computer science (Proceedings of the abstract) Organized by S.T.E.T. Women's College, Mannargudi.

Papers Presented

1. Presented a paper titled **"USE OF E-LEARNING FOR IN-SERVICE TRAINING OF TECHNICAL TEACHERS"** in National Level Seminar held at NITTTR, Chennai during April 2001.
2. Presented a paper titled **"A MODEL FOR DEVELOPMENT OF QUALITY MULTIMEDIA LEARNING PACKAGES FOR IN-SERVICE TRAINING OF TECHNICAL TEACHERS"** in International conference on Quality Improvements in Education System held at Tiruchirapalli during February 2003.
3. Presented a paper titled **"A MODEL FOR EFFECTIVE TEACHING"** in ISTE National Convention held at Coimbatore during December 2003.
4. Presented a paper titled **"PEDAGOGICAL TRAINING NEEDS FOR ENGINEERING COLLEGE TEACHERS"** in ISTE Convention held at PSNA Engineering College, Dindugal during October 2005.
5. Presented a paper titled **"DEVELOPMENT OF MULTIMEDIA TOOLS FOR EFFICIENT AND EFFECTIVE TEACHING AND LEARNING"** in "National Conference on Emerging Trends in Computer Science and Engineering" held at K.S.R.College of Technology, Tiruchengodu during January 2006.

6. Presented a paper titled **“MULTIMEDIA AUTHORIZING TOOLS”** in “National Conference on Emerging Trends in Computer Science and Engineering” held at K.S.R.College of Technology, Tiruchengodu during January 2006.
7. Presented a paper titled **“APPLICATION OF NEURO LINGUISTIC PROGRAMMING CONCEPT FOR PERSONALITY DEVELOPMENT”** in International Conference on Applied Psychology held at NITTTR, Chennai during February 2006.
8. Presented a paper titled **“E-LEARNING AS A MODE FOR TEACHING-LEARNING PROCESS IN ENGINEERING COLLEGE”** in National Conference on Innovations in Computing Techniques held at MEC, Mallasamudram during April 2006.
9. Presented a paper titled **“CONCEPTUAL OVERVIEW OF MULTIMEDIA INSTRUCTIONAL DESIGN”** in National Conference on Innovations in Computing Techniques held at MEC, Mallasamudram during April 2006.
10. Presented a paper titled **“A SMOOTH TRANSITION FROM CONVENTIONAL LEARNING TO e-LEARNING”** in First International Conference on Frontier Technologies – Need for the Industry, Business and Education held at Adhiyamaan College of Engineering, Hosur during September 2006.
11. Presented a paper titled **“CONCEPTUAL SOFTWARE PROCESS MODEL FOR DEVELOPING WEB BASED LEARNING ENVIRONMENT”** in ISTE Convention held at Sathiyamangalam during December 2006.
12. Presented a paper titled **“MOBILE LEARNING: AN INNOVATIVE LEARNING METHOD OF LIFE LONG LEARNING”** in ISTE Convention held at Sathiyamangalam during December 2006.
13. Presented a paper titled **“DEVELOPMENT OF A CONCEPTUAL MODEL FOR CONVERSION OF COMPUTER BASED MULTIMEDIA TO WEB BASED MULTIMEDIA TO ADVOCATE VIRTUAL LEARNING”** in First International Conference on Web Engineering and Application (ICWA 2006) held at Bhubaneshwar during December 2006.
14. Presented a paper titled **“PRINCIPLES OF USER INTERFACE DESIGN – AN OVERVIEW”** in Southern Regional Conference 2007 at Computer Society of India, Coimbatore Chapter, Coimbatore during February 2007.
15. Presented a paper titled **“ADOPTING SOFTWARE PROCESS MODEL IN INSTRUCTIONAL DESIGN AND DEVELOPMENT OF WEB BASED LEARNING ENVIRONMENT FOR ENHANCING QUALITY IN TEACHING-LEARNING**

PROCESS” in NCBPEE2007 held at Sinhgad College of Engineering, Pune during February2007.

16. Presented a paper titled **“DEVELOPMENT AND VALIDATION OF TECHNOLOGY BASED LEARNING ENVIRONMENT ON PEDAGOGICAL COMPETENCIES FOR TEACHERS OF MASTER OF COMPUTER APPLICATIONS PROGRAMME”** in NSCMYT - 07held at PSG College Of Technology, Coimbatore during February 2007.
17. Presented a paper titled **“CONCEPTUAL OVERVIEW ON HUMAN COMPUTER INTERACTION USING NLP/IR”** NCHCI held at Kongu Arts and Science College, Erode during February 2007.
18. Presented a paper titled **“AN INTELLIGENT USER INTERFACE DESIGN USING VOICE/SPEECH RECOGNITION”** Softcom 2007 held at Valliammai Engineering College, Katankulathur during March 2007.
19. Presented a paper titled **“COMPETENCY LEVELS IN COMPUTER COURSES OFFERED IN COMPUTER SCIENCE PROGRAMME”** in National Conference on Tomorrow’s Technology for Education: Visions, Directions, Issues & Concerns held at Tiruchirapalli during March 2007.
20. Presented a paper titled **“TECHNOLOGY BASED LEARNING ENVIRONMENT FOR EFFECTIVE TEACHING – LEARNING PROCESS”** in National Conference on Tomorrow’s Technology for Education: Visions, Directions, Issues & Concerns held at Tiruchirapalli during March 2007.
21. Presented a paper titled **“USE OF ICT FOR IN-SERVICE TRAINING OF TECHNICAL TEACHERS”** in First national Seminar on Recent Trends in Educational Psychology and ICT in Teacher Education held at Sendhil College of Education, Pondicherry during May 2007.
22. Presented a paper titled **“DEVELOPING TECHNOLOGY BASED LEARNING ENVIRONMENT FOR TRAINING THE TECHNICAL TEACHERS”** in First National Seminar on Recent Trends In Educational Psychology and ICT in Teacher Education held at Sendhil College of Education, Pondicherry during May 2007.
23. Presented a paper titled **“WEB ENGINEERING PROCESS MODEL FOR DEVELOPING WEB BASED LEARNING ENVIRONMENT”** in International Conference on Emerging Trends in Computer Science and Computer Technology, at SSM College of Engineering, Komarapalyam during September 2007.

24. Presented a paper titled **“APPROACH FOR INTEGRATING ICT IN TEACHING-LEARNING PROCESS”** in ISTE Convention held at Manipal Institute of Technology, Manipal during December 2007.
25. Presented a paper titled **“ENHANCED FRAMEWORK FOR E-LEARNING WITH SEMANTIC WEB”** in International Symposium on Data Engineering and Management at Bishop Heber College, Tiruchirapalli during February 2008.
26. Presented a paper titled **“SYSTEM GRID ENGINE ON GRID COMPUTING”** in International Conference on Researching for Transforming the searching held at Mother Teresa Women’s University, Kodaikanal during February 2008.
27. Presented a paper titled **“TO ENCRYPT AND DECRYPT LARGE FILE IN DISTRIBUTED COMPUTING BY GRID ENGINE”** in National Conference on Applications on Emerging Technologies held at Adhiyamman Engineering College, Dharmapuri during March 2008
28. Presented a paper titled **“EMERGING PEDAGOGY USING INFORMATION AND COMMUNICATION TECHNOLOGY”** in National Seminar on Continuous Improvement in Higher Education, sponsored by NAAC held at Garden City College, Bangalore during March 2008.
29. Presented a paper titled **“AN EFFECTIVE DESIGN APPROACH FOR MCA PROGRAMME THROUGH E-LEARNING”** in National Conference on Information and Communication Technology held at New Horizon College of Engineering, Bangalore during March 2008.
30. Presented a paper titled **“E-LEARNING MATURITY MODEL (EMM): A CONCEPTUAL OVERVIEW”** in National Conference on Information and Computer Applications held at Sengunthar Engineering College, Tiruchengode during August 2008.
30. Presented a paper titled **“REALITY OF BLENDED LEARNING ASPECT OF E-LEARNING AND ITS IMPLEMENTATION ISSUES”** in National Conference on Information and Computer Applications held at Sengunthar Engineering College, Tiruchengode during August 2008.
31. Presented a paper titled **“CURRENT TRENDS AND OPPORTUNITIES TOWARDS THE DEPLOYMENT OF E-LEARNING PROGRAMMES”** in Second National Conference on New Frontiers in Computing held at KSR College of Technology, Tiruchengode during September 2008.
32. Presented a paper titled **“MODELS AND METHODOLOGIES FOR THE DESIGN OF E-LEARNING APPLICATIONS ON COURSES INVOLVING INFORMATION**

- PROCESSING”** in Second National Conference on New Frontiers in Computing held at KSR College of Technology, Tiruchengode during September 2008.
33. Presented a paper titled **“DEVELOPING WEB-BASED LEARNING ENVIRONMENT USING WEB ENGINEERING PROCESS MODEL”** in International Conference of Education, Research and Innovation (ICERI 2008) held at Madrid, Spain during November 2008. ISBN: 978-84-612-5091-27.
34. Presented a paper titled **“THE ROLE OF KNOWLEDGE MANAGEMENT IN EDUCATIONAL GRID”** in 4th National Conference on Software Engineering held at Sacred Heart College, Tiruppatur during December 2008.
35. Presented a paper titled **“E-LEARNING CAPABILITY MATURITY MODEL (ECM²): A CONCEPTUAL OVERVIEW”** in 4th National Conference on Software Engineering held at Sacred Heart College, Tiruppatur during December 2008.
36. Presented a paper titled **“INNOVATIVE APPROACHES IN E-LEARNING THROUGH M-LEARNING - POSSIBILITIES AND OPPORTUNITIES”** in 4th National Conference on Software Engineering held at Sacred Heart College, Tiruppatur during December 2008.
37. Presented a paper titled **“Current Landscape of E-learning Adoption and Experiences for Learning Process”** in National Conference ITMS2010 held at Chandra Prabhu Jain College, Chennai, during January 2010.
38. Presented a paper titled **“Integration of Blended Learning In Ethical Aspects of E-Learning Environment and Issues”** in International Conference On emerging Trends in Computing (ICETC 2011) held at Sri Ramakrishna Engineering College – Coimbatore, during March 2011.

Books published

1. Edited Chapter published in Macmillan Advanced research series in WEB ENGINEERING AND APPLICATIONS titled **“DEVELOPMENT OF A CONCEPTUAL MODEL FOR CONVERSION OF COMPUTER BASED MULTIMEDIA TO WEB BASED MULTIMEDIA TO ADVOCATE VIRTUAL LEARNING”**, ISBN-10:0230-63032-4, First Published 2006.
2. Paper published as Edited Chapter titled **“USE OF ICT FOR IN-SERVICE TRAINING OF TECHNICAL TEACHERS”** “in the Book titled **“EFFECTIVE TEACHING SKILLS”** by Puduchery Cooperative Book Society, Puduchery July 2007.
3. Co Editor of the Proceedings of the National Symposium on **“E-Learning in Education”** organized by NITTTR Chennai, December 2008.
4. Paper published in the Silver Jubilee Issue of International Journal of Technical and Vocational Education titled **“COMPARITIVE STUDY OF THREE e-LEARNING MODES”**, Volume 25 Number1 & 2, June & December 2008. ISSN 0971 – 8508.

Courses Conducted

- Introduction to Multimedia, Multimedia Design and Delivery Systems, Software Engineering, Structured System Analysis and Design, Management Information Systems, Computer Networks, Compiler Design, Total Quality Management, Professional ethics and Value Education, and Business Process Reengineering.
- Research Methodology, Educational Technology, Instructional Design and Delivery Systems and Strategic Planning for Institutional Development.

Project Profile

Involved in the Design and Development of Computer Based Multimedia Learning Packages (CBMMLPs), Computer Based Tutorials (CBTs), Web Based Learning Environment with the help of various Multimedia Softwares for various titles, as an Instructional Designer.

Subjects of Interest and Taught:

- Web Technology
- Internet Programming and Tools
- Java Technology
- Visual Programming
- Computer Networks
- Data Structures and Algorithms
- XML and Web Services
- System Modeling and Simulation
- Object Oriented Programming
- Fuzzy Logic and applications
- Network Protocols
- Principles of Programming Languages
- Multimedia Systems
- C# and .NET Technology
- Service Oriented Architecture
- Data Mining

Board of Study Member

- Expert Member - curriculum development for Instructional Design for e-Learning at TNOU

- Board of study member for the On Line Course on “Multimedia Development” under “VIRTUAL NITTTR” offered by NITTTR Chennai, (Ministry of HRD), Government of India.
- Governing council Member of VSA School of Engineering and Management, Salem.
- Governing board Member of Geethanjali Institute of PG Studies, Nellore.

Journal Editorial Board Member

- Associate Editor of Software Engineering , ISSN:2229-4007 & ISSN:2229-4015, BioInfo Publications Journals, Website: <http://www.bioinfo.in/journals.php>
- Editorial board member Journal of Software Engineering and Applications
ISSN Print: 1945-3116 ISSN Online: 1945-3124
Website:<http://www.scirp.org/journal/jsea>
- Editorial board member www.iaeme.com, INTERNATIONAL JOURNAL OF GRAPHICS AND MULTIMEDIA (IJGM) <http://www.iaeme.com/Ijgm>.
- Editorial board member www.iaeme.com , INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY AND MANAGEMENT INFORMATION SYSTEM (IJTMIS) <http://www.iaeme.com/Ijtmis.htm>

13.Administrative Activities

Coordinator

- Conducted and coordinated a Faculty Development Programme on Instructional Design and Delivery Systems in association with NITTTR, Chennai for In house Faculty.
- Conducted and coordinated a Faculty Development Programme on Accreditation of Engineering Colleges (NBA) in association with NITTTR, Chennai as part of obtaining accreditation for various departments of the college

As Director of Computer Applications, STET

- Responsibilities at STET Computing Centre
 - Campus wide networking
 - E-Governance activities of STET College
 - Research

Member of Doctoral and Monitoring Committee

- for more than 30 research scholars

Professional Membership

- Life Member Indian Society for Technical Education.
- Life Member Computer Society of India.
- Member Software Process Improvement Network Chennai
- Member Indian Academy of Applied Psychology
- Member Society for Educational Technology Research and Development
- Member World Council for Curriculum and Instruction
- Member Indian Society for Training and Development

Achievements

- Currently Director, XTURION Software Private Limited Chennai.
- Currently heading the e-Learning, R&D, and Academic Initiatives vertical at RRS, Chennai.
- Consultant to various Universities, Government initiatives like Tamil Nadu Open University, IGNOU, National Instructional Media Institute, Ministry of Human Resource Department on technical education, e-Learning and Instructional Design
- Lead the Instructional Design team in developing resources which includes CBT, e-Learning and Instructional materials for clients and in-house training at Sabre IT Solutions, Chennai.
- Over 22+ (in **which 5 years of experience in Research and Development in Instructional Design**) years of experience in teaching at a Degree / Post Graduate level Technical Institution in the Department of Computer Applications and Engineering.
- Sound knowledge in Multimedia Instructional Design and Delivery and Principles and Practices of Software Engineering and Web Engineering.
- Experience in developing Instructional Materials and Media
- Resource person, Key note speaker for various workshops, conferences and seminars organized/conducted by professional bodies like ICTACT, CSI, NASSCOM, SPIN, National Institute of Technical Teachers Training and Research (NITTTR) on Instructional Design, e-Learning, Institutional Development, and Technical Education.
- Assisted NITTTR faculty in Design, Development and Conduct of Pedagogical Training Programmes for Pre-service and In-service teachers of Engineering Colleges, Arts and Science Colleges, Management Institutes and Polytechnic Colleges and other Technical Institutions all over India during the period of research.

- Resource person in the conduct of Strategic Planning Project for Technician Education for North Eastern States of India and the Union territory of Andaman and Nicobar under World Bank Assisted Project (Tech Ed. III) during the period of research.
- Resource person in the conduct of workshops on accreditation for the polytechnics of southern India during the period of research.
- As a Convener organized several National Level Technical Symposium, National Conferences in various colleges and universities
- Chaired the academic committee working on NBA, NAAC, AICTE for various Engineering and Arts and Science Colleges.
- Consultant Instructional Designer and Subject Matter Expert for “Establishing e-Training Environment for Training Technical Teachers and Students” in NME – ICT Project of NITTTRC Sponsored by MHRD, Government of India.

M.V.SRINATH