

## Faculty Profile

**Name** : Dr.V.S.MEENAKSHI  
**Designation** : ASSISTANT PROFESSOR  
**Address** : PG & RESEARCH DEPARTMENT OF  
COMPUTER SCIENCE,  
CHIKKANNA GOVERNMENT ARTS  
COLLEGE, TIRUPUR-2.  
**Contact Number** : 9442340859  
**Email ID** : meenasri70@yahoo.com  
**Date of Joining in Collegiate Education** : 07.12.1993  
**Date of Joining in the Present College** : 28.07.2015



### Academic Profile :

Degree	Institute/College	University	Period
Ph.D	Avinashilingam Deemed University for Women	Avinashilingam Deemed University for Women	July 2011
M.Phil	Manonmaniam Sundaranar University	Manonmaniam Sundaranar University	2003
MCA	Thiagarajar College of Engineering, Madurai.	Madurai Kamaraj University	1990 - 1993
B.Sc	Sri Meenakshi government college for women, Madurai	Madurai Kamaraj University	1987 - 1990

### Academic Activities :

#### i) Subject Handled :-

**PG(MCA,MSc)** - Network Security, Advanced Network, Analysis and Design of Algorithms, Advanced Software Engineering, Digital Image Processing, Object Oriented Programming &

C++,Advanced Java, Multimedia and its Applications, Human Computer Interaction, Advanced Operating System,Software Project Management.

**UG(BSc and BCA)** - Data Structures, OOPS and C++ Programming, Java Programming, Python programming

C programming, Operating System, Computer Networks, Software Engineering, Linux and Shell Programming, Systems Programming, Internet of Things

**Teaching Experience**

:

- i) **Total** : **30 Years**
- ii) **UG** : **26 Years**
- iii) **PG** : **29 Years**

<b>Name of the college</b>	<b>Position held</b>	<b>Period</b>
Chikkanna Government Arts College, Tirupur	Assistant Professor	From 28.07.15 to till date
Dr.Mahalingam College of Engineering and Technology, Pollachi	Associate Professor & Head	From 23.8.2012 to 01.06.15
D.J.Academy for Managerial Excellence	Professor & Head	From 15.09.2011 to 21.8.2012
SNR SONSCollege (Autonomous), Coimbatore	Associate Professor	From 07.08.1995 to 14.09.2011
Devangar College of Arts and Science, Aruppukottai	Head and Lecturer	From 22.07.1994 to 03.07.1995
Sri Meenakshi Government College for Women, Madurai	Guest Lecturer	From 07.12.1993 to 21.07.1994

**Honors and Research Awards**

:Received **two best paper awards**

in international conferences.

**Area of Research**

- : (i) Biometric Template Security
- (ii) Qos Routing in Highly Clustered ATM Networks
- (iii) Network Security

**Research Guidance**  
**Guidance Number**

:Bharathiar University  
:Guideship no: 25610/A2/2012  
Dated:20/04/2012 For M.Phil and Ph.D

**LIST OF M.Phil:**

<b>S. No</b>	<b>Course</b>	<b>Name of the Student</b>	<b>Thesis Title</b>	<b>Completed/ongoing</b>
1.	M.Phil	Jayanthi.K	Comparative study of key graphs for source group communication and simulation of rekeying messages for user addition and deletion in topology aware key management tree in multicasting.	Completed
2.	M.Phil	Geetha.B	Proposal for a hybrid data clustering algorithm with cohesion – based self merging	Completed
3.	M.Phil	Roseline R.A	A study on the adhoc on demand distance vector(AODV) routing protocol and performance comparison of AODV with mobile adhoc network (MANET) routing protocol	Completed
4.	M.Phil	Suganya.M	Early detection and prevention on denied of service attacks: a novel mechanism with propagated traced back attack blocking	Completed
5.	M.Phil	Sureshkumar.M	Comparative study of automate functional testing tools – quick test	Completed

			professional(QTP) vs relational robot	
6.	M.Phil	Joyce.S	An effective enhancement of fingerprint classification using orientation field flow curves	Completed
7.	M.Phil	Brindha.N.V	Multimodel biometric authentication system using palmprint and fingerprint	Completed
8.	M.Phil	Piruthivirajan.A	Lexical ontology based document classification for computer science article	Completed
9.	M.Phil	SudeeshKumar.G	Idealized intusion identifying system and biometric based authentication for highly secured	Completed
10.	M.Phil	Girija.R	Applying liveness detection machanism to identify fake biometrics by image quality assessment techniques	Completed
11.	M.Phil	RevathiSivakumar	Analysis of better business decision making using data mining techniques	Completed
12.	M.Phil	Sandhiya	reCAPCHA and persuasive cued click point to resist network attack	Completed
13.	M.Phil	Umamaheshwari	Long-lasting archival data incorruptibility secure and reconstruction in thin cloud storage	Completed
14	M.Phil	Devi Priya D	An Efficient model to	Completed

			detect Arrhythmia using machine learning Techniques	
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### LIST OF Ph.D

S. No	Course	Name of the Scholar	Area of Research	Completed/ongoing
1.	Ph.D	Mrs. L. Sheeba	Intrusion detection system for Wireless sensor network	Completed
2.	Ph.D	Mrs. K. Devika Rani Dhivya	Software testing	Completed
3.	Ph.D	Mrs. N.V Brindha	Biometric authentication for MANET	submitted
4.	Ph.D	Mrs. K.Geethalakshmi	Digital image processing – diabetics detection using retinal images	Ongoing
5.	Ph.D	Mrs. A.Kavitha	MANET Security – Attack detection	Ongoing
6.	Ph.D	Mr. D.Sudhakar	Network Security	Ongoing
7.	Ph.D	Mr. Premnath	Digital image processing – leukemia detection from blood cell images	Synopsis Submitted
8	Ph.D	Mr. Soma Sundaram	Cloud Security	Completed

### Research Activities:

- Recognized as supervisor for guiding Research Scholars of Computer Science in BharathiarUniversity,
- Produced 14M.Phil Scholars from Bharathiar, Periyar and Kamaraj Universities.
- Produced 3 Ph D Scholars and Currently guiding 5PhD Scholars.
- Served as a chair person in two International Conferences and one National Conference.
- MCA Project Work – “Asset Accounting Systems” at Neyveli Lignite Corporation.
- M.Phil Thesis in “QoSBased Routing in ATM Networks”.

- Ph.d Thesis in “Biometric Template Security”
- Acted as an editor for the national conference proceedings with **ISBN No:978-81-908234-8-7**
- Acted as an editor for the national conference proceedings with **ISBN No:978-81-922849-4-1.**
- Received **two best paper awards** in international conferences.

### **Professional Activities and Achievements**

- i) Reviewer** - **Acted as reviewer in IEEE Journal**
- ii) Board of Studies** - **Acted as member in**
- **PG BoSBharathiar University**
  - **Karpagam College of Engineering and Technology,Coimbatore**
  - **Sri Ramakrishna College of Arts and Science (SNR sons College), Coimbatore**
  - **Krishnammal College for Women, Coimbatore**
  - **RVS College of Arts and Science, Sulur, Coimbatore**
  - **Sri Krishna College of Arts and Science, Coimbatore**
- Acted as Chairman in**
- PG BoS in Dr. Mahalingam College of Engineering and Technology.**
- **Served as a Member of Academic council, Dr.Mahalingam College of Engineering and Technology, Pollachi**
  - **Served as a Member of Academic council, S.N.R. SONS College, Coimbatore.**
  - **Served as University nominee for the Board of Studies of Department of Computer Science and Applications in G.V.G Vishalakshi college, udumalpettai.**
- iii) Doctoral committee** : **Acting as doctor committee expert in**
- **KarpagamInstitute of higher education &academy,Coimbatore.**
  - **STC College, Pollachi.**
  - **RVS College, Sulur.**

#### iv) E-Content Development

1. Content writer for UGC SwayamMooc course Cyber security for Week 4: User Authentication Methods – Biometric Authentication Methods - Categories of Biometrics sponsored by UGC – available in [www.swayam.in](http://www.swayam.in)

**youtube link:** <https://www.youtube.com/watch?v= ZpjOQy7y-0>

2. Content writer for UGC SwayamMooc course Cyber security for Week 5: Security Architectures and Models-ISO 27001 Model-Different Security Mechanisms -Information Security - Network Security- OS Security. sponsored by UGC – available in [www.swayam.in](http://www.swayam.in) -

**youtube link:** <https://www.youtube.com/watch?v=3W3Ym1carJo&t=25s>

#### Faculty Development Programs Attended

S.No	Course	University	Subject	Period
1.	RefresherCourse	Bharathiar University	Computer science	04.10.2001 to 24.10.2001
2.	Orientation Programme	Bharathiar University	Computer science	16.12.2016 to 12.01.2017
3.	Refresher Course	Kerala University	Computer Science	07.02.2018 to 27.02.2018
4,	Refresher Course	University of Delhi	Interdisciplinary	13.12.2021 to 27.12.2021

#### Other Activities:

- Organized several Technical Inter Collegiate Symposiums, Seminars and workshops for students.
- Acted as a editor in the MCA Department News Magazine.
- Acted as Bharathiar university nominated member for UG Commission member for various colleges in coimbatore.
- Acted as class-in charge for MCA, Msc(cs), Bsc(cs), BCA students.
- Acted as a Course-in-charge for M.Sc(Computer Science).
- Organized a National Conferences.
- Organized several Faculty Development Programmes.

- Organized several skill development Programmes, Placement training and guest lecturers for students.
- Acted as association in-charge and conducted events symposium and invited talk for students.

### **Workshop/Seminars Attended**

1. A two day state level Symposium on "**Convergence & Technologies Tomorrow**" held at Sri Ramakrishna College of Arts & Science for women on **12<sup>th</sup> and 13<sup>th</sup> September 2001**.
2. A UGC Sponsored two day National Seminar on "**Current Trends in Communication Network**" at SNR Sons College Cbe on **10<sup>th</sup> and 11<sup>th</sup> June 2002**.
3. A UGC Sponsored National Seminar on "**Women Empowerment: Issues and Challenges**" at Sri Vasavi College Erode on **29<sup>th</sup> and 30<sup>th</sup> September 2006**.
4. A Two day International Workshop on "**Research Methodologies and Techniques**" at Avinashilingam University for Women, Cbe on **18<sup>th</sup> and 19<sup>th</sup> July 2008**.
5. A One day Workshop on "**A step towards research-An introductory course in Latex**" at D.J.Academy for managerial Excellence, Cbe on **24<sup>th</sup> January 2009**.
6. A One day International Workshop on "**Information Security**" at Avinashilingam University for Women, Coimbatore on **14<sup>th</sup> December 2009**.
7. A Two day International Workshop on "**Bio-Inspired Computing**" at Avinashilingam University for Women, Coimbatore on **21<sup>st</sup> and 22<sup>nd</sup> December 2009**.
8. A one day Workshop on "**E Content Development**" at Bharathiar University by ICT Academy of Tamil Nadu, 7<sup>th</sup> February 2011.
9. A one day workshop on "A Practical Approach to image processing with Matlab" 2012 at D.J.Academy.
10. A one day workshop on "Data mining and its practical Approach" 2012 at D.J.Academy.

### **Papers Presented in National Conferences**

1. "Network Traffic Analysis using mobile security agents" in UGC sponsored National Conference on Networking and Multi-Agent systems at Gobi Arts and Science College, Coimbatore on **25<sup>th</sup> and 26<sup>th</sup> September 2004**.
2. "Challenges in Mobile Database Management" in UGC sponsored State Level Seminar on Wireless Communications and Mobile Computing at Kongunadu Arts and Science College, Coimbatore, on **2<sup>nd</sup> and 3<sup>rd</sup> September 2005**.
3. "Mobile Security Agents for Intrusion Detection" in UGC sponsored State Level Seminar on Wireless Communications and Mobile Computing at Kongunadu Arts and Science College, Coimbatore, on **2<sup>nd</sup> and 3<sup>rd</sup> September 2005**.



4. "Applying Mobile Agents to Face the Challenges in Mobile Ad hoc Network" in NITAC - 2006 National Conference on Issues and Trends in Advanced Computing at Bannari Amman Institute of Technology Sathyamangalam on **19<sup>th</sup> and 20<sup>th</sup> May 2006**.
5. "Security Property and Challenges for Sensor Network" in National Conference on Recent Trends in Mobile Computing at GRD School of Computer Science, Dr. G.R.Damodaran College of Science, Coimbatore on **15<sup>th</sup>& 16<sup>th</sup> March 2007**.
6. "A Study on Biometrics and Multibiometrics Authentication" in National Conference on Recent Trends in Mobile Computing at GRD School of Computer Science, Dr. G.R.Damodaran College of Science, Coimbatore on **15<sup>th</sup>& 16<sup>th</sup> March 2007**.
7. "MultiBiometric System with User Specific Parameters" in National Conference on Information System & Computer Engineering at RV College of Engineering, **Bangalore on 5<sup>th</sup> and 6<sup>th</sup> October 2007**
8. "A Study on Attacks and Protection Schemes for Biometric Template Security", National Conference on Emerging Trends in Computer Science on **13<sup>th</sup> March 2009**, Avinashilingam University for Women, Coimbatore.
9. "Applying User and Soft Biometric based Password Transformations in Generating Cancelable Iris Biometric Templates, Proceeding of National Conference on Advanced Computing Technologies, **19<sup>th</sup> February 2010**, NCACT – 2010, Pg. 145 -150, **ISBN 978 –93-80381022**, Avinashilingam Deemed University for Women.
10. "An overview of Palmprint Authentication Methods", Proceedings of the National Conference on Emerging Trends in Computing Technology, Department of Computer Applications, SNR Sons College, Coimbatore, NCETCT- 2010 **19<sup>th</sup> March 2010**, Pg. 1 – 6, **ISBN 978 – 81 – 908234 – 8 – 7**
11. "A Comparative Study of Data Mining Approach for Fingerprint Classification", Proceedings of the National Conference on Emerging Trends in Computing Technology Department of Computer Applications, SNR Sons College, Coimbatore, NCETCT - 2010 **19<sup>th</sup> March 2010**, Pg. 12 – 18, **ISBN 978 – 81 – 908234 – 8 – 7**

### **Papers Presented in International Conferences**

1. "Construction of Multimodal Biometric Fuzzy Vault with Features Extracted from Fingerprint and Iris", International Conference on Sensor, Security, Software and Intelligent Systems, Coimbatore Institute of Technology and Oklahoma State University, (Stillwater, Oklahoma, USA,) Coimbatore, 8<sup>th</sup> - 9<sup>th</sup> **January 2009**

2. Security Analysis of Password Hardened Multimodal Biometric Fuzzy Vault”, International Conference on Sensor Networks, Information and Ubiquitous Computing, WASET, **Singapore**, Volume 56, **August 26<sup>th</sup> – 28<sup>th</sup> 2009**, **ISSN 2070 – 3724 Pg. 312 – 320**
3. “Security Analysis of Hardened Retina Based Fuzzy Vault”, in International Conference on Advances in Recent Technologies in Communication and Computing (ARTCOM 2009), organized by Association of Computer Electronics and Electrical Engineers (ACEEE) **27<sup>th</sup> – 28<sup>th</sup> October 2009, Kottayam, Kerala, It is archived in IEEE Xplore and IEEE CS Digital Library pg 926 - 930.**
4. “Securing Retinal Templates using Combined User and Soft Biometric based Password Hardened Fuzzy Vault”, in International Conference on System on Chip (ICSoc 2010) Post Graduate and Research Department of Electronics, SNR Sons College, Coimbatore, in Association with International Journal of Computer Networks and Communications, **13<sup>th</sup> March 2010**, Pg 31 – 38 **ISBN 978–81–908234–7–0**
5. “A Study on Multibiometrics of Palmprint”, in the International Conference on “System on Chip (SoC)”, Post Graduate and Research Department of Electronic in Association with International Journal of Computer Networks and Communications, , SNR Sons College, Coimbatore, **13<sup>th</sup> March 2010**, Pg 115– 121, **ISBN 978–81–908234–7–0**
6. “Security Analysis of Password Hardened Multimodal Biometric Fuzzy Vault with Combined Feature Points Extracted From Fingerprint, Iris and Retina for High Security Applications”, International Conference and Exhibition on Biometric Technology, ICEBT 2010, PSG College of Technology Coimbatore, India, **4<sup>th</sup> September 2010. Proceeding Published by Elsevier Proceedia Computer Science - Best Paper Award**
7. “Secure and Revocable Multibiometric templates Using Fuzzy vault for fingerprint and Iris”, International Conference on Advances in Information and Communication Technologies, ICT2010, **Kochi, Kerala**, **8<sup>th</sup> September 2010**, **Proceeding Published by Springer LNCS Book Chapter – Best Paper Award.**
8. “Multimodal Biometric Fuzzy Vault with Combined Feature Points Extracted From Fingerprint, Iris and Retina” International Conference on Computing , Special Session on Advanced Multimedia Networking, Organized by Advanced Computing Research Society in Institute for Defense Studies and Analysis, **27<sup>th</sup> – 28<sup>th</sup> December 2010, New Delhi** , India, **ISBN 978–81–920305–1-7.**
9. Meenakshi, VS, & Padmavathi, G (2009). "Security Analysis of Hardened Retina Based Fuzzy Vault," *2009 International Conference on Advances in Recent Technologies in Communication and Computing*, Kottayam, Kerala, 2009, DOI: 10.1109/ARTCom.2009.101, pp. 926-930

10. Meenakshi, VS, & Padmavathi, G (2010). Secure and revocable multibiometric templates using fuzzy vault for fingerprint and iris. *International Conference on Advances in Information and Communication Technologies*, Pages 206-214 Publisher Springer, Berlin, Heidelberg, DOI [https://doi.org/10.1007/978-3-642-15766-0\\_30](https://doi.org/10.1007/978-3-642-15766-0_30).
11. Dhivya, KDR, & Meenakshi, VS (2015). Weighted particle swarm optimization algorithm for randomized unit testing. *2015 IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT)*. PP.1-7. [ieeexplore.ieee.org](http://ieeexplore.ieee.org) doi: 10.1109/ICECCT.2015.7226068.
12. Brindha, NV, & Meenakshi, VS (2018). Comparison Analysis of Biowatermarking Using DWT, DCT and LSB Algorithms. *Computational Vision and Bio Inspired Computing*, pp. 849-863, <https://www.springerprofessional.de/en/comparison-analysis-of-biowatermarking-using-dwt-dct-and-lsb-alg/15475184>
13. Dhivya, KDR, & Meenakshi, VS (2018). An Optimized Adaptive Random Partition Software Testing by Using Bacterial Foraging Algorithm. *Computational Vision and Bio Inspired Computing*, Springer .pp. 542-555. DOI [https://doi.org/10.1007/978-3-319-71767-8\\_47](https://doi.org/10.1007/978-3-319-71767-8_47)
14. Sheeba, L, & Meenakshi, VS (2019). Latency Aware Reliable Intrusion Detection System for Ensuring Network Security. *Advances in Big Data and Cloud Computing*, Springer, Singapore, pp.383-399. DOI [https://doi.org/10.1007/978-981-13-1882-5\\_33](https://doi.org/10.1007/978-981-13-1882-5_33)
15. K.Geethalakshmi, Dr.V.S.Meenakshi, “A Survey on Disease Identification and Blood Vessel Segmentation In Human Retinal Images”, *International Journal of Advance Research in Science and Engineering*, Vol 6, Issue 12, Dec 2017. ISSN: 2319 8354. **Home Page:** <http://www.ijarse.com> **Paper Link:** [https://www.ijarse.com/images/fullpdf/1512907491\\_SRC567.pdf](https://www.ijarse.com/images/fullpdf/1512907491_SRC567.pdf)
16. K.Geethalakshmi, Dr.V.S.Meenakshi, “Mathematical Morphology and Optimum Principal Curvature Based Segmentation of Blood vessels in Human Retinal Fundus Images”, *International Journal of Innovative Technology and Exploring Engineering(IJITEE)*”, Vol8, Issue 12, October 2019, ISSN: 2278-3075. **Home Page:** <https://www.ijitee.org> **Paper Link:** <https://www.ijitee.org/wpcontent/uploads/papers/v8i12/K24420981119.pdf> **DOI :**10.35940/ijitee.K2442.1081219
17. A.Kavitha, Dr.V.S.Meenakshi, “Survey on MANET Routing Protocols for Secure Data Transmission”, *International journal of Advance Research in science and Engineering*, Vol-6 Issue no:12, ISSN:2319-8354, Dec 2017. **Home Page:** <http://www.ijarse.com> **Paper Link:** [http://www.ijarse.com/images/fullpdf/1512907464\\_SRC566.pdf](http://www.ijarse.com/images/fullpdf/1512907464_SRC566.pdf)
18. A.Kavitha, Dr.V.S.Meenakshi, “Cooperative Attack Detection Framework with the Focus on Identity Forage Attack in MANET”, *Journal of Advanced Research in*

Dynamical and Control Systems, Vol- 11, 01-Special Issue, 2019, ISSN:1943-023X, pg.no:720, Feb 2019. **HomePage:** <http://www.jardcs.org> **PaperLink:** <http://jardcs.org/archivesview.php?volume=1&issue=3>

19. Brindha N.V., Meenakshi V.S. (2018) Comparison Analysis of Biowatermarking Using DWT, DCT and LSB Algorithms. In: Hemanth D., Smys S. (eds) Computational Vision and Bio Inspired Computing. Lecture Notes in Computational Vision and Biomechanics, vol 28. Springer, Cham, Online ISBN 978319717678, Feb 2018. **PaperLink:** [https://link.springer.com/chapter/10.1007/978-3-319-71767-8\\_73](https://link.springer.com/chapter/10.1007/978-3-319-71767-8_73) **DOI:** [https://doi.org/10.1007/978-3-319-71767-8\\_73](https://doi.org/10.1007/978-3-319-71767-8_73)
20. L Sheeba, Dr.V.S.Meenakshi "Latency Aware Reliable Intrusion Detection System for Ensuring network Security", First Online 12 December 2018, Springer, Singapore, Print ISBN 978-981-13-1881-8, Online ISBN 978-981-13-1882-5, Pg.no: 383-399, Volume-750, eBook Packages Intelligent Technologies and Robotics, book will be reflected in the SCOPUS database. **PaperLink:** [https://link.springer.com/chapter/10.1007%2F978-981-13-1882-5\\_33](https://link.springer.com/chapter/10.1007%2F978-981-13-1882-5_33) **DOI:** [https://doi.org/10.1007/978-981-13-1882-5\\_33](https://doi.org/10.1007/978-981-13-1882-5_33)
21. K.Geethalakshmi, Dr.V.S.Meenakshi, "A Survey on Disease Identification and Blood Vessel Segmentation In Human Retinal Images", International Journal of Advance Research in Science and Engineering, Vol 6, Issue 12, Dec 2017. ISSN: 2319 8354. **HomePage:** <http://www.ijarse.com> **PaperLink:** [https://www.ijarse.com/images/fullpdf/1512907491\\_SRC567.pdf](https://www.ijarse.com/images/fullpdf/1512907491_SRC567.pdf)
22. A.Kavitha, Dr.V.S.Meenakshi, "Survey on MANET Routing Protocols for Secure Data Transmission", International journal of Advance Research in science and Engineering, Vol 6 Issue no: 12, ISSN: 2319 8354, Dec 2017. **HomePage:** <http://www.ijarse.com> **Paper Link :** [http://www.ijarse.com/images/fullpdf/1512907464\\_SRC566.pdf](http://www.ijarse.com/images/fullpdf/1512907464_SRC566.pdf)
23. Brindha N.V., Meenakshi V.S. (2018) Comparison Analysis of Biowatermarking Using DWT, DCT and LSB Algorithms. In: Hemanth D., Smys S. (eds) Computational Vision and Bio Inspired Computing. Lecture Notes in Computational Vision and Biomechanics, vol 28. Springer, Cham, Online ISBN 978319717678, Feb 2018. **PaperLink:** [https://link.springer.com/chapter/10.1007/978-3-319-71767-8\\_73](https://link.springer.com/chapter/10.1007/978-3-319-71767-8_73) **DOI:** [https://doi.org/10.1007/978-3-319-71767-8\\_73](https://doi.org/10.1007/978-3-319-71767-8_73)
24. Dhivya, KDR, & Meenakshi, VS (2015). Weighted particle swarm optimization algorithm for randomized unit testing. *2015 IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT)*. PP.1-7. [ieeexplore.ieee.org](http://ieeexplore.ieee.org) **Paper Link :** <https://ieeexplore.ieee.org/document/7226068> **DOI:** 10.1109/ICECCT.2015.7226068.
25. Dhivya, KDR, & Meenakshi, VS (2018). An Optimized Adaptive Random Partition Software Testing by Using Bacterial Foraging Algorithm. *Computational Vision and Bio Inspired Computing*, Springer .pp. 542-555. **Paper Link :** <https://books.google.co.in/books?id=qwhNDwAAQBAJ&pg=PA554&lpg=PA554&dq=improve+time+performancedevika,meenakshi&source=bl&ots=RWfj8Zg0xD&sig=ACfU3U2l2Bn4n5XfH-ne0L0uZ5RMTjzJ->

[A&hl=en&sa=X&ved=2ahUKEwiPyIyE7p3mAhWDX3wKHaCVDscQ6AEwAXoEC  
AkQAQ#v=onepage&q=improve%20time%20performance-  
devika%2Cmeenakshi&f=falseDOI:https://doi.org/10.1007/978-3-319-71767-8\\_47](https://doi.org/10.1007/978-3-319-71767-8_47)

26. Premnath and V. S. Meenakshi, “ An Exploration of the Image Processing Techniques for the Detection of Leukemia”, Asian Journal of Engineering and Applied Technology, ISSN 2249-068X Vol. 7 No. 2, 2018, pp. 96-99 © The Research Publication, **Journal Home Page:** [www.trp.org.in](http://www.trp.org.in) **PaperLink:**<http://www.trp.org.in/issues/an-exploration-of-the-image-processing-techniques-for-the-detection-of-leukemia>
27. Premnath and V. S. Meenakshi, “ A Riotous Clustering Algorithm for Image Segmentation and Image Denoising using Super pixel clustering method”, International Journal of pure and applied mathematics, Volume 118 No. 7 2018, 581-588, ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version)**Journal Home Page:** [www.ijpam.eu](http://www.ijpam.eu)**PaperLink:**<https://acadpubl.eu/jsi/2018-118-7-9/articles/7/77.pdf>
28. D.Sudhakar,Dr.V.S.Meenakshi, “A Study on Wireless Sensor Network characteristics and security challenges” , International Journal of Advance Research in Science and Engineering, Vol 6, Issue 12, Dec 2017.ISSN: 2319 8354.**Home Page:**<http://www.ijarse.com>/**PaperLink:**[https://www.ijarse.com/images/fullpdf/1512918482\\_SRC592.pdf](https://www.ijarse.com/images/fullpdf/1512918482_SRC592.pdf)

## List of Publications

1. Meenakshi, VS, &Padmavathi, G“Security Analysis of Multimodal Biometric Fuzzy Vault” CIIT International Journal of Biometric and Bioinformatics, Vol 1. No 1 Pg.16 – 21, **April 2009,ISSN: 0974 – 9675Impact Factor 0.361**
2. Meenakshi, VS, &Padmavathi, G “Password Hardened Multimodal Biometric Fuzzy Vault with Feature Points Extracted from Retina and Iris”, International Journal of Computer Science and Network Security”,(IJCSNS) Pg 34 – 43, Vol. 9 No. 10, **October 2009,ISSN :1738 – 7906**
3. Meenakshi, VS, &Padmavathi, G “Securing Iris Templates using Combined User and Soft Biometric based Password Hardened Fuzzy Vault “,(IJCSIS) International Journal of Computer Science and Information Security, Pg 1- 8, Vol. 7, No. 2, **February 2010, ISSN : 1947- 5500 - Impact Factor 0.423.**
4. Meenakshi, VS, &Padmavathi, G “Retina and Iris Based Multimodal Biometric Fuzzy Vault “, 2010 IJCA International Journal of Computer Applications Pg 38 - 45, Volume 1 – No. 29, February 2010 ISSN: 0975 – 8887, **Impact Factor 0.831.**
5. Meenakshi, VS, &Padmavathi, G “Securing Revocable Iris and Retinal Templates using Combined User and Soft Biometric based Password Hardened Multimodal Fuzzy Vault’ ,

International Journal of Computer Science Issues, (IJCSI) Volume 7, Issue 5, Pg 159 – 167 **September 2010.ISSN: 1694-0814. Impact Factor : 0.242.**

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## Book Publication

1. "Visual basic" for UG Students, published by Q Books on 2008 ISBN 978-81-90979276.
2. Different Types of Network and System Security Paperback – 21 April 2022  
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## **Foreign Visits**

- Visited Singapore and presented a paper in International Conference on Computer Science and Software Engineering organized by World Academy of Science Engineering and Technology(WASET) on 26-28 Aug 2009.
- Visited many research labs in Nanyang Technological University, Singapore.
- Visited A\* Institute for Infocomm Research, Connexis, Singapore.