

	Dr.M.Geetha MCA.,MPhil.,Ph.D.,MISTE.,	Contact: <div>  : 9944679755 </div> <div>  geethasaravananaswa@gmail.com </div> <div> 57/3, Ashok Nagar Annex, Perumal Malai Road, Narasothipatty, Salem – 636 004 Tamilnadu, India. </div>	
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Summary of Qualifications:

- ❖ 17+ Years of Teaching experience
- ❖ Completed Doctorate in Computer Science at Anna University, Chennai
- ❖ Anna University Recognized Supervisor in the Department of Science and Humanities.(Supervisor-ID:2870043)
- ❖ Research Articles / Publications in International Journals and Conferences
- ❖ Organized Conferences / Faculty Development Programmes / Workshops / Seminars
- ❖ Delivered special lectures and training in various institutions
- ❖ Excellent Teaching, Programming, International and Team Leading Skills
- ❖ Reviewer for International Journal / Conferences
- ❖ Grants Received from AICTE, New Delhi for Modernization of Laboratory
- ❖ Proficiency in R&D
- ❖ Professional membership with ISTE and IAENG

Career Objective:

A perspective career in an organization where, I could creatively think and produce things with what I have learnt and experienced which could help in the betterment of the organization and to myself.

Academic Qualification:

Doctor of Philosophy

Discipline	:	Computer Science
University	:	Anna University
Year	:	2014

Master of Philosophy

Discipline	:	Computer Science
University	:	Periyar University, Salem
Year	:	2007
Percentage	:	70.0%

Master of Computer Application

Discipline	:	Computer Science
University	:	Periyar University, Salem
Year	:	2001-2004
Percentage	:	80.0%

Bachelor of Computer Science		
Discipline	:	Computer Science
University	:	Periyar University, Salem
Year	:	1998-2001
Percentage	:	81.0%

Experience:(Academic)		
Current Position:		
Designation	:	Associate Professor
Organization	:	Dhirajlal Gandhi College of Technology, Salem
Major Responsibilities	:	Teaching, Class Advisor, R&D Member, Board of Study Member, Faculty Advisor.
Duration	:	04.06.2018 to 04.06.2020
Previous Experience		
Designation	:	Senior Assistant Professor
Organization	:	Sona College of Technology, Salem
Major Responsibilities	:	Teaching, Symposium Coordinator, Class Advisor, NBA-Criteria 3 Incharge , R&D Member, Board of Study Member, Faculty Advisor, Guest Lecturer Incharge, Elective syllabus Incharge.
Duration	:	07.06.2007 to 31.5.2018
Previous Experience		
Designation	:	Lecturer
Organization	:	K.S.R College of Arts and Science,Tiruchnegode
Major Responsibilities	:	Teaching, Class Advisor, Symposium Coordinator, Guest Lecturer Incharge,
Duration	:	01.06.2005 to 30.05.2007
Designation	:	Lecturer
Organization	:	Vysya College of Arts & Science, Salem
Major Responsibilities	:	Teaching, Class Advisor, Symposium Coordinator, Guest Lecturer Incharge,
Duration	:	01.06.2004 to 30.05.2005

Area of Interest:	
❖ Data Mining	❖ Data Structure & Algorithms
❖ Fuzzy Logic	❖ OOPS Concepts
❖ Open Source Software	❖ Design and Analysis of Algorithm

Technical Qualification:		
Platforms	:	MS-DOS, Windows 9X
Language	:	C,C++ & JAVA
RDBMS	:	Oracle 9i,SQL
Web	:	HTML, XML
Packages	:	MS Office
GUI	:	C#.Net
Open source	:	PHP,Python
Simulation tool	:	Matlab 7.0

Strength:	
❖ Self Confidence	❖ Good at Handling Seminars
❖ Adaptability	❖ Trust Worthy and Enthusiastic
❖ Hard working	❖ Leadership Quality
❖ Team Spirit	❖ Accepting Challenges

Language Known:			
Language	Read	Write	Speak
English	√	√	√
Tamil	√	√	√

Awards from Government Agencies
<p>▪ From AICTE:</p> <p>She has been the Project Co-ordinator in Sona College of Technology, Salem for the Title: Modernization of Learning Laboratory using Video Conferencing with a fund allotment of Rs. 7.50 lakhs under MODROBS scheme from AICTE, New Delhi in the academic year 2011-12.</p>

Proposal Submitted
<p>▪ To DST-SERB</p> <p>Submitted of Project Proposal titled "Design and Development of an algorithm for Optimal Route finding on Road Network through Fuzzy Knowledge based Intelligent Assistant System"</p> <p>Under Start-Up Research Grant (Young Scientists) to Science and Engineering Research Board (SERB),on 9th March, 2015.</p> <p>▪ To DST-SERB</p> <p>RFID and Fuzzy Knowledge Based Intelligent Assistant System for Optimal Route finding on Road Network Under Start-Up Research Grant (Young Scientists) to Science and Engineering Research Board (SERB),on 6th December,2016.</p>

Awards from Academics:

Received appreciation certificates for producing 100% result in university Examination for many times

- Computer graphics and multimedia
- Data mining and Data warehousing
- Design and analysis of algorithms
- Programming in C
- Problem solving techniques
- Grid and cloud computing
- Programming in C++
- Data structures and algorithms

Invited Talks

- ❖ Attended a Doctoral Committee Review Meeting for Ph.D. research scholars on 23rd January 2015 in department of Ph.D. research scholars PG & Research Department of Computer Science Government Arts College (Autonomous), Salem-7.
- ❖ Received an appreciation from PG & Research Department of Computer Science Government Arts College (Autonomous) for handling a session on Fuzzy concepts held on 23.01.2015 for research scholars.
- ❖ Received an appreciation from Sri Vijay Vidyalyaya college of Arts & Science for handling a session on Recent Trends in Information Technology held on 21.07.2016 for PG & research students.

LIST OF PUBLICATIONS

International Journals

1. **Geetha, M** and Arunkumar.P 2018, 'Improved Canny Detection Algorithm for Processing and Segmenting Text from the Images', Cluster Computing the Journal Of Networks, Software Tools and Applications, **Springer**.doi.org/10.1007/s10586-018-2056-8, pp.1-7.(Impact Factor:1.601).**Annexure-I** (Indexed with SCIE-Web of Science)
2. **Geetha, M** and Saravanan, S, 'Enhancing User Location Privacy through Grid System based Location Sharing using Modified Caesar Cipher Method' Asian Journal of Research in Social Sciences and Humanities, Vol. 6, Issue 6, Special Issue June 2016, pp. 140-148. ISSN 2249-7315. **(Annexure-1)**
3. **Geetha, M** and Kumuthini, C, 'Conceptual Search Engine Using Non-Negative Matrix Factorization and Brush structure Model', Asian Journal of Research in Social Science and Humanities , Vol.6, Issue 6, Special Issue June 2016, pp. 114-121. ISSN 2249-7315 June 2016. **(Annexure-I)**
4. **Geetha, M**, Saravanan, S & Jayathiladevi, A, , 2016, 'Fuzzy –Ant Colony based Routing on Road Networks', APTIKOM Journal on Computer Science and

5. **Geetha, M** and Saravanan, S 2015, 'Monitoring and mining pre crisis relationship in management using mobile socio metric', Indian Journal of Engineering, vol 12(30), pp.67-78.
6. **Geetha, M.** and Kadhar Nawaz, G.M. "User Intelligent Decision Support System in Route Selection on Road Network" , Oriental Journal of Computer Science and Technology , Vol. 6, pp. 67-74, 2013.
7. **Geetha, M.** and Kadhar Nawaz, G.M. "Hierarchical Community-Fuzzy Ant Based Dynamic Routing on Large Road Networks", Research Journal of Applied Sciences, Vol. 8, pp. 65-71, 2013.(Annexure-II)
8. **Geetha, M.** and Kadhar Nawaz, G.M. "Fuzzy-Ant Based Dynamic Routing on Large Road Networks " , CiiT International Journal of Networking and Communication Engineering, Vol. 4, pp. 337-342, 2012.
9. **Geetha, M.** and Kadhar Nawaz, G.M. "Research community Mining by using Brush structure Model", CiiT International Journal on Data Mining and Knowledge Engineering", 2008.

International Conferences

1. **Geetha, M**, 2016, 'Knowledge based decision support system to predict a risk analysis on road network' International Conference on Engineering Technology and Science (ICETS'16), Muthayammal Engineering Institutions, Rasipuram March 18th and 19th 2016
2. **Geetha, M** "Code Based Community Network For Identifying Low Risk Community" , IEEE Sponsored 9th ISCO'15, Karpagam College Of Engineering, Coimbatore, 21-Jun-2015.
3. **Geetha, M** & Kadhar Nawaz, G M. "Efficient Dynamic Routing on Large Road Networks", Springer Lecturer notes in Computer Science Proceedings of Swarm , Evolutionary, and Memetic Computing International Conference India, volume 7677,2012 , pp 169-180. (**ACM Digital Library**)
4. **Geetha M** & Saravanan, S 2012, 'Dynamic Routing on Large Road Networks using Fuzzy-Ant Method',Sponsored by Springer LNCS Series, Conducted by Institute of Technical Education and Research, Bhubaneswar, Odisha, India (**Springer LNCS Series**)
5. **Geetha, M** & Kadhar Nawaz, G M. "Fuzzy-ant based dynamic routing on large road networks", IEEE Proceedings of Pattern Recognition, Informatics and Medical Engineering (PRIME 2012) International Conference India, pp.172-177, 2012. (**IEEE Xplore Digital Library**)

6. **Geetha, M** & Kadhar Nawaz, G M. "A Dynamic brush Structure Model for identifying online communities", International conference on Sensors, Security, Software and Intelligent Systems (ISSSIS) CIT , Coimbatore. 2009.
7. **Geetha, M** & Saravanan, S 2008, 'Web Community Mining using Brush Structures', NCCIIIR'08 Sona College of Technology, Salem, Tamilnadu.
8. **Geetha, M** & Saravanan, S 2008, 'Research Community Mining with Topic by using Brush Structures Model', SNCONFIC'08, K.S.Rangasamy College of Technology, Salem, Tamilnadu.
9. **Geetha, M** & Saravanan, S 2008, 'Conceptual Clustering of Search Engine Result by using Matrix Factorization Method', NSPR'08, Periyar University, Salem, Tamilnadu.

Seminars and Workshops

1. **Geetha, M**, attended a SDP on AGILE Software development conducted by Infosys Pvt Limited at Sona College of Technology, Salem, 27th July 2016 to 29th July 2016.
2. **Geetha, M**, attended a VMware certification-recognition of successful participation in VITA-DATA centre virtualization fundamentals at Sona College of Technology 01 June 2016.
3. **Geetha, M**, attended a FTP of Techmahindra learning campus at Techmahindra Chennai, 26th Apr 2016 to 28th Apr 2016.
4. **Geetha , M**, attended Two Days DST Sponsored National Seminar on Computational Intelligence for Healthy Farming – Innovation Challenges and Research Perspectives, Organized by Sona College of Technology, Salem, Tamilnadu, Dated: 18th & 19th Dec'2015.
5. **Geetha , M**, attended one day SDP of Management development Programme on Big data for Big business at Sona College of Technology,Salem, 9th May 2015.
6. **Geetha, M**, attended National level Seminar at Narasus sarathy engineering college, 4th Sep 15.
7. **Geetha, M**, attended Two day workshop Mathematical methods at Sona College of Technology,Salem, 19th & 20th October 14.
8. **Geetha , M**, attended a Workshop on Exploring the mathematical Modeling with MATLAB at KSR College of Engineering, Tiruchengode 2nd & 3rd December, 2011.
9. **Geetha , M**, attended a CSIR Sponsored Workshop on Computational Intelligence at Sona College of Technology, Salem -5, 25th & 26th November, 2011.

10. **Geetha** , M, attended a ICT Academy of Tamilnadu Staff Training program J2EE and Best Practices at Sona College of Technology,Salem on 30th-31st March'10
11. **Geetha** , M, attended a workshop of SPSS South Asia Pvt.Ltd,Bangalore Data mining using PASW Modeler at PSG College of Technology 10th-11th October'09.
12. **Geetha** , M, attended a CTS Staff Training program Web Technology at Sona College of Technology,Salem, 21st August'09
13. **Geetha** , M, attended a Certificate Course of IBM certified Database Associate DB2 9 fundamentals at Sona College of Technology,Salem, 10th June'09
14. **Geetha** , M, attended AICTE-ISTE Short-term training program at Sona College of Technology, Salem, 23rd Feb-09 to 1st March-09.
15. **Geetha** , M, attended a workshop of Phonex at Sona College of Technology,Salem, 8th October '07.
16. **Geetha** , M, attended a AICTE Staff Development Program Data Mining at Sona College of Technology,Salem,12th November-23rd November'07.
17. **Geetha** , M, attended a Pedagogy Training program at Sona College of Technology, Salem, 11th June'07-16th June'07

Journal Reviewer:

- International Journal of Advanced and Applied Sciences(IJAAS)
- Biomedical Research.
- International Journal of Bio-Inspired Computation (IJBIC)

Online Course Completed:

List of Online Courses Completed and Doing

- Completed Online Certificate course "Introduction to PHP and MySQL Programming in ALISON"
- Completed Online Certificate course "Introduction to programming with PYTHON in ALISON"

Research Supervisor

- Anna University Recognized Supervisor in the Department of Computer Applications. **Supervisor-ID: 2870043.**
- Guiding Research Scholars and one research scholar has completed doctorate in the month of Jan 2021

Personal Details:	
Name	M.Geetha
Father's Name	V.Mohanasundaram
Mother's Name	M.Janaki
Spouse Name	Dr.S.Saravanan
Date and Place of Birth	2.06.1981, Salem, Tamilnadu, India
Marital Status	Married
Nationality	Indian
Present Postal Address / Tel.No./E-Mail	Dr.M.Geetha, 57/3, Ashok Nagar Annex, Perumal Malai Road, Narasothipatty, Salem – 636 004 Tamilnadu, India. +91 99446 79755 geethasaravananaswa@gmail.com

Declaration:	
I solemnly declare that all the above information and particulars are true to the best of my knowledge and belief.	

Place : Salem
Date : 19.08.2021

Yours Sincerely,

(Dr.M.Geetha)