

Profile

Personal Information

Name : V.SELVI
Residential Address : 9/12A, 6th Cross,
Indira Nagar,
Mannachanallur (TK),
Trichy (Dt) – 621 005.



Professional Experience

- Working as an Assistant Professor in Department of Computer Science at Mother Teresa Women's University, Kodaikanal from March 2015 to till date.
- Worked as an Associate Professor in Department of M.C.A at M.A.M College of Engineering, Trichy from December 21.12.2011 to 19.12.2014.
- Worked as an Lecturer in P.G Department of Computer Science at Nehru Memorial College in Puthanampatti , Trichy, 1.7.1998 to 20.12.2011.

Total Experience : UG – 13 Years
: PG – 16 Years and 7 months

Approval of Qualification of Lecturer (Bharthidhasan University)

Ref. No : 5832/D5/2006 date 11.10.2006

Qualification

| Degree | College & University | Year of Passing |
|----------------------------|---|-----------------|
| Ph.D Computer Science | MANONMANIAM SUNDHARANAR UNIVERSITY, THIRUNELVELI | September 2013 |
| M.Phil Computer Science | MOTHER TERESA WOMEN'S UNIVERSITY | Feb-2005 |
| M.C.A | NEHRU MEMORIAL COLLEGE, BHARATHIDASAN UNIVERSITY | April-1998 |
| B.Sc Computer Science | NEHRU MEMORIAL COLLEGE, BHARATHIDASAN UNIVERSITY | April-1995 |

M.Phil Dissertation

Title : Shortest path in Transportation Models
Area : Data Structures and Algorithms

PhD Thesis

Title : Hybridization of Evolutionary and Swarm Intelligence Techniques for Job scheduling problem.
Area : Soft Computing

M.Phil Guideship Details

Ref. No : 006931B/R.A/M.Phil/Computer Science/2007 Dated 13-03-2007

Research guidance: Awarded: 9

Research interest

Network Security, Data Structures & Algorithms, Data Mining, Soft Computing.

Conference/Workshops/Symposium/Journal Publications

1. Participated & presented a paper "Multi objective optimization problems on identical parallel machine scheduling using soft computing techniques", in the International Conference on Big data analysis and distributed systems", held at periyar university college of arts and science. Pennagaram on 12th September 2014.
2. Participated in five days Workshop in EMC academic associate on Cloud Infra structure and Services, 27 – 31st Jan- 2013 at MAMCE.
3. Participated & presented a paper titled, "Determination of Optimal Solution Using Particle Swarm Optimization, Artificial Bee Colony and Genetic Algorithm" Muthayammal Engineering College, Rasipuram. National Conference on Current Trends in Computer Applications – CTCA'13- 5th Jan 2013.
4. Participated in One Day National Seminar on "RESEARCH PERSPECTIVES" in COMPUTER SCIENCE "RESPECS - 2011" at Selvam College of Technology on 17th September 2011.
5. Participated & presented a paper titled, "Performance analysis of genetic algorithm and particle swarm optimization technique for Job Scheduling" at Sri Vasavi College, Erode, on 11-2-2011.
6. Participated & presented a paper titled, "Data Mining and Dynamic clustering with Ant Colony Optimization", National Conference, at Muthayammal College of Arts and Science, Rasipuram, on 26 February 2010.

7. Participated & presented a paper titled , “Dynamic Travelling Sales Man problem with Ant Colony Optimization”, National Conference at Vivekanandha Arts and Science College for Women, Elayampalayam, Tiruchengode, Namakkal on 2nd March 2010.
8. Participated in state level one day workshop on “Research in Computer Science – Issues and Challenges” at K.S.Ramasamy College of Technology, Tiruchengode on 17th April 2010.
9. Participated & presented a paper titled , “Dynamic Travelling Sales Man problem with Ant Colony Optimization”, National Conference at Vivekanandha Arts and Science College for Women, Elayampalayam, Tiruchengode, Namakkal on 2nd March 2010.
10. Participated & presented a paper titled “Cryptanalysis and Enhancement through public key Cryptography”, at Jayaram college of Engineering & Technology, Trichy on 20 & 22 September 2006.
11. Participated in state level one day workshop on “Mathematical Computations with MATLAB “ at Nehru Memorial on 19th September 2008.

Publications:

1. Published a paper titled, "The Design and Implementation of On-Line Examination Using Firewall security" ,IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661,p-ISSN: 2278-8727, Volume 16, Issue 6, Ver. V (Nov-Dec. 2014), PP 20-24.
2. Published a paper titled, " Multi Objective Optimization Problems On Identical Parallel Machine Scheduling Using Genetic Algorithms ", International Journal on Recent Researches In Science, Engineering & Technology (JRRSET), ISSN (Print) : 2347-6729 , ISSN (Online) : 2348-3105 ,Volume 2, Issue 7, July 2014 ,Impact Factor :2.03.
3. Published a paper titled, "Hybridization of Evolutionary and Swarm Intelligence Techniques for Job Scheduling problem ", International Journal of Engineering and Technology (IJET)- ISSN : 0975-4024 Volume 6 No 3 Jun-Jul 2014.
4. Published a paper titled “Hybridization of Evolutionary Computation Techniques for Job Scheduling Problem”, International Journal of Computer Applications - Volume 62(5):24-29, January 2013. Published by Foundation of Computer Science, New York, USA.
5. Published a paper titled "Comparative Study of GA and ABC for Job Scheduling", International Journal of Soft Computing and Engineering (IJSCE), ISSN: 2231-2307, Volume-2, Issue-6, January 2013, 154-157.
6. Published a paper titled "The Proposal of an Adaptive Hybrid Technique for Job Scheduling Problem", European Journal of Scientific Research, ISSN 1450-216X Vol. 93 No 1 December, 2012, pp.45-53.

7. Published a paper titled "An Ant Colony Optimization for Job Scheduling to Minimize Make Span Time", International Journal of Computer & Communication Technology (IJCCT) ISSN (ONLINE): 2231 - 0371, ISSN (PRINT): 0975 –7449 Vol-3, Iss-3, 2012.
8. Published a paper "Comparative Study of Swarm Intelligence Techniques", in International Journal of Research in Engineering Design - (IJRED), Vol 01, Issue 01, April - July 2012. ISSN: 3890-X681.
9. Published a paper "Examining the Solution for Solving Optimization Problems using Swarm Intelligence and Its Applications", in International Journal of Electronics and Computer Science Engineering Volume1, Number-3(June-2012). ISSN 2277-1956/V1N3-1668-1677.
10. Published a paper "Particle Swarm Optimization Evolution, Overview and Applications" in the International Journal of Engineering Science and Technology Vol. 2(7), 2010, 2802-2806. ISSN: 0975-5462
11. Published a paper "Comparative Analysis of Ant Colony and Particle Swarm Optimization Techniques" in the International Journal of Computer Applications (0975 – 8887)Volume 5– No.4, August 2010 Number 4 (ISBN: 978-93-80746-55-5)
12. Published a paper "An Improved Particle Swarm Optimization" International Journal of Modern Engineering Research (IJMER).Vol.1, Issue1, pp-52-56 ISSN: 2249-6645
13. Published a paper ,"Speed And Security Enhancement Through Public Key Cryptography",International Journal of Engineering Science and Technology ,August 2010,ISSN :0975-5462,Pages:3551-3556,Vol. 2, No.8,IC Value:3.14.

Membership in Institution

1. As a member of Academic Council in Nehru Memorial College, Puthanampatti.
- 2.As a member of BCA, MCA & M.Phil Board of Studies in Nehru Memorial College, Puthanampatti.