

## PROFILE



Name : Dr.Mrs.D.Selvi  
Designation : Assistant Professor  
Department : Mathematics  
Date of Birth : 06.03.1974  
Date of Appointment : 16.06.2016

### ACADEMIC

S.No.	DEGREE	UNIVERSITY/INSTITUTION	YEAR OF COMPLETION
1.	B.Sc.	H.K.R.H. College, Uthamapalayam	April, 1994
2.	M.Sc.	J. A. College For Women, Periyakulam.	April, 1996
3.	M.Phil.	Madurai Kamaraj University, Madurai.	April, 1997
5.	Ph.D	Madurai Kamaraj University, Madurai	March,2013

**Total Experience** : 11 years and 6 months at SIT,Kariyapatti.  
07 months at Sri.Meenakshi Govt. College, Madurai  
From 16-06-2016 to till date at JACollege,

**Area of Specialization/Interest** : Operations Research  
**Academic Affiliation** : -----  
**Professional Affiliation** :  

- NSS Programme Officer
- Member of Discipline Committee

### Research Publication

**International Publication** :

- “ **Method for solving fuzzy assignment problems using Magnitude Ranking Technique**”, International journal of applied and advanced scientific research , Feb-2017,ISSN: 2456-3080.
- “**Modified Method of Generating Randomized Latin Squares**”, International Organization of Scientific Research, Vol. 16, Issue 1,February (2014).
- “ **Method for solving fuzzy assignment problem using Magnitude Ranking Technique**”, International journal of applied and advanced scientific research, Feb-2017,ISSN: 2456-3080.

- **“ Solving fuzzy assignment problem using Genetic Algorithm”**,  
Mathematical Sciences International Research Journal, SPL Issue 4 (2018),  
ISSN: 2278 – 8697.
- **“ Solving fuzzy assignment problem using Centroid Ranking Method”**,  
International journal of Mathematics and its Applications, SPL Issue (2018),  
ISSN: 2278 – 8697.
- **“Solving Fuzzy Linear Programming Problem Using MATLAB”** in the Journal of  
Emerging Technologies and Innovative Research (JETIR), ISSN :2349-5162,Impact  
Factor:5.87,PP No : 322-327,Volume 6,Issue 2, February 2019.UGC(Approved) No:63975
- **“Solving Intuitionistic Fuzzy Transportation Problem with Ranking Method  
using MATLAB Code”** International Journal of Applied Science and  
Computations(JASC), UGC Approved, ISSN NO: 1076-5131,PP No:20-26,Volume 5,  
Issue XII, December 2018, Impact Factor:5.8, International Level, ISO (International  
Organization for standardization) 7021-2008.

#### **National Publication :**

- **“Challenges of Applying Markov Decision Process to Wireless Sensor  
Networks”**, JAC Journal of Science, Humanities and Management, Vol.3, No.2-  
June 2016, ISSN:2347-9868.
- **“Solving Intuitionistic Fuzzy Transportation Problem with Ranking  
Method using MATLAB Code”**  
ISSN NO: 1076-5131,PP No:20-26,Volume 5, Issue XII, December 2018,
- **“Solving Land use Model with Matrix Representation using Genetic  
Algorithm”**, JAC JOSHAM , Volume 5,June 2018,ISSN:2347-9868.

### **Seminar/conferences/Workshops participated:**

- Workshop on **Application in Fuzzy Mathematics and Fractal Geometry** at American College on 21<sup>st</sup> Feb,2014
- Workshop on **“Fuzzy Optimization for Image Processing & Control System Applications”** at Sethu Institute of Technology on 3<sup>rd</sup> December, 2012
- National level conference on **Quality Assurance and Quality Sustenance in Higher Educational Institutions: Challenges and Solutions** at Jayaraj Annapackiam College for Women, Periyakulam on 29<sup>th</sup> & 30<sup>th</sup> September, 2016
- National seminar on **Topological Graph Theory** at Jayaraj Annapackiam College for Women(Autonomous), Periyakulam on 19<sup>th</sup> December, 2016.
- National Seminar on **“Recent Trends in Applied Mathematics”** organized by Research Centre and PG Department of Mathematics at JayarajAnnapackiam College for Women(Autonomous), Periyakulam on 13<sup>th</sup> December, 2017
- International Conference on **“Emerging Trends in Mathematical Sciences and Technology”** (ICETMST 2018) organized by Research Centre & PG Department of Mathematics, JayarajAnnapackiam College For Women(Autonomous), Periyakulam, on 20<sup>th</sup> and 21<sup>st</sup>, December 2018.
- Two days workshop on **“Fuzzy Set Theory and its Applications”** organized by Research Centre & PG Department of Mathematics, JayarajAnnapackiam College For Women(Autonomous), Periyakulam, on 27<sup>th</sup> and 28<sup>th</sup>, February 2019.
- NSS Orientation Training from 13. 11. 2019 to 19. 11. 2019 at Empanelled Training Institution (ETI), Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, Tamil Nadu.

### **Conference presentation:**

**“A novel genetic algorithm for land use planning using matrix representation”**, International conference on discrete and computational mathematics-ICDCM 2017, at Gandhigram Rural Institute –Deemed University.

### **CONTACT DETAILS:**

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P.C.Patti,  
Theni District.

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