

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
- Alumini Member
- Coordinator of JACSAFA
- Member of Research Committee
- Coordinator of Minority and Remedial Coaching Cell

Research Publication :

International Publication :

- “Analyzing and prioritizing the linguistics variable of COVID-19 using Triangular Fuzzy Cognitive Maps”, Gradiva Review-Journal, Volume- 9, Issue 3, 1119-1126,2023.
- “Electronic Products Production Inventory Model with Extended Producer’s Responsibility Cost Parameters”, International Journal of Stochastic Modeling & Applications, ISSN: 0972-3641 Vol. 26, No.3, 554 – 561, 2022 .
- “Shortest Path with Normalized Single-Valued Trapezoidal Neutrosophic Numbers”, Studies in Indian Place Names, ISSN: 2394 - 3114,Vol-40-Issue 70, 3536-3546 , 2020.
- “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.

- “Solving fuzzy assignment problem using Genetic Algorithm”, Mathematical Sciences International Research Journal, SPL Issue 4, 2278– 8697, 2018.
- “Solving fuzzy assignment problem using Centroid Ranking Method”, International journal of Mathematics and its Applications, SPL Issue (2018), ISSN:2278 – 8697,2018.
- “Method for solving fuzzy assignment problems using Magnitude Ranking Technique”, International journal of applied and advanced scientific research , ISSN: 2456-3080,2017.
- “Modified Method of Generating Randomized Latin Squares”, International Organization of Scientific Research, Vol. 16, Issue 1,February (2014).

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 Land use Model with Matrix Representation using Genetic Algorithm”, JAC Journal of Science, Humanities and Management 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 21st Feb,2014
- Workshop on “**Fuzzy Optimization for Image Processing & Control System Applications**” at Sethu Institute of Technology on 3rd 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 29th & 30th September, 2016

- National seminar on **Topological Graph Theory** at Jayaraj Annapackiam College for Women(Autonomous), Periyakulam on 19th 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 13th 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 20th and 21st, 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 27th and 28th , 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.

No.of Webinar and Conferences attended = 40

• NPTEL Certificate :

- Attended an online course in NPTEL in **“Essential Mathematics for Machine Learning”** conducted by IIT Roorkee and received an **Elite certificate** for the successful completion of the course.

CONTACT DETAILS:

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Dinamani Nagar,
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