

**Photo****BIO DATA****Name: M.Selvi****Designation: Assistant Professor****Department: Information Science and Engineering****EDUCATIONAL QUALIFICATIONS**

Sl. No	Course	Branch/ Specialization	Name of the University/Board	Name of the Institute	Year of Passing
1	BE	CSE	MADRAS	Sri venkateswara College of Engineering & Technology	2004
2	M.TECH	CSE	Dr.M.G.R	Dr.M.G.R. University	2007
3	Ph.D	CSE	VTU	Rajarajeswari college of Engineering	Pursuing

**TEACHING**

Sl. No.	From	To	Name of the Institution	Designation	Subjects Taught
1	2004	2007	Easwari Engineering College	Lecturer	Data structures, Database Management System
2	2007	2009	Sree sastha Institute of Technology	Lecturer	Data structures, Theory of computation, Compiler Design, Graphics and multimedia
3	2009	2010	DMI college of Engg	Lecturer	Software Engineering Computer networks, Software quality mgmt.
4	2010	2011	Panimalar Institute of Technology	Lecturer	Theory of computation, Compiler Design, Computer networks
5	2011	2015	ACS college of Engg	Asst Prof	Data structures, Theory of computation, Compiler Design, Graphics and Multimedia, System Software, OOPS, System modeling and simulation, CCP
6	2019	Till	Vivekananda Institute of Technology	Asst Prof	Artificial Intelligence, Data Structures, System modeling and simulation Cryptography and network security

## AWARDS AND RECOGNITIONS

- Published one book
- Worked in Exam cell two years
- Act as a placement coordinator
- Guided the students for projects
- Worked as a HOD
- Worked as a Test co-ordinator
- Best lecturer award two times
- **BEST PAPER AWARD:**

## AREAS OF INTEREST

Sl. No.	Theory Subjects of Interest to Teach	Areas of Research Interest
1	Networks ,Network Security and Artificial Intelligence	Networks

## PROGRAMS/SEMINARS/CONFERENCES ATTENDED

- Presented paper in six national conference , one international conference and seven international Journal
- Attended four workshops, two seminars and two FDP.

## Research Publications:

Papers presented in the International Journal: 7

Papers presented in the conference: 7

1. **M.Selvi**, “AdHoc on demand Distance vector Routing is a widely adopted network routing protocol for MANET”, proceedings of the national conference on recent trends in computing 27<sup>th</sup> March 2010.
2. **M.Selvi**, “The development of data centric sensor networks based on privacy and security” proceedings of the national conference on advanced computing and networks 2<sup>nd</sup> February 2010PP 16-26, ISBN No: 978-81-904760-2-7.
3. **M.Selvi**, “Topology control based power aware and battery life aware dynamic source routing”, proceedings of the national conference on communication department 4<sup>th</sup> February 2010.
4. **M.Selvi**, “The single copy case based on mobile networks using clustering algorithm”, proceedings of the national conference on signal processing communications and VLSI design, Anna University Coimbatore, 8<sup>th</sup> and 9<sup>th</sup> May 2009PP 134, paper ID:MC-132.
5. **M.Selvi**, “Supply Chain Management”, proceedings of the national conference on Emerging dimensions of human resource and marketing practices, SreeSastha Institute of Engineering and Technology 26<sup>th</sup> March 2009.
6. **M.Selvi**, “A Method to Secure Communication in Mobile AdHoc Networks (MANET’s)”, Rajarajeswari engineering college, 13th April 2012.
7. **M.Selvi**, “Bad Ad Hoc On-demand Distance Vector Routing suffering black hole attack”, Rajarajeswari engineering college, 24<sup>th</sup> August 2012PP 18-24.

8. **M.Selvi**, “ Design & Developing a Multicast routing Protocol for Link Failure & Reliable Data Delivery, International Journal ISSN:2278-0661 IOSR-JCE VOL 16 ISSUE VERSION VI Feb.2014 PP 06-10.
9. **M.Selvi**, “Enhanced Features of Neighbor Aware Multicast Routing Protocol, International Journal of Advanced Research in Computer and Communication Engineering Vol. 5, Issue 1, January2016 DOI 10.17148/IJARCCE.2016.5143 175 ISSN (Online) 2278-1021 ISSN (Print) 2319 5940
10. **M.Selvi**, “A Survey Of Routing Protocols In Mobile Adhoc Networks” GE-International Journal Of Engineering Research Vol. 4, Issue 7, July 2016 If- 4.721 Issn: (2321-1717) © Associated Asia Research Foundation (Aarf) Publication.
11. **M.Selvi**, “Performance Measurement in ENAMP”, International Journal of Research and Analytical Reviews IJRAR Vol. 6, Issue 1, January2019. E-ISSN (Online) 2348-1269 P-ISSN (Print) 2349- 5138
12. **M.Selvi**, “A New Method to Recover the link Failure and Reliable Data Delivery in MANET”,International Journal of Engineering Research and Technology (IJERT) Vol. 8, Issue 1, January2019 IJERT ISSN (Online) 2278-0181 ISSN

#### **Seminars and Workshops Attended:**

1. Workshops on “**Information Security**”at Jerusalem engineering college.
2. Workshops on “**Simplifying Enterprise Application Learning (SEAL)**”at Anna University, Chennai.
3. Workshops on “**.NET Framework**”at DMI College of Engineering.
4. Seminar on “**Research Areas in Image Processing**” at DMICollege of Engineering.
5. Seminar on “**Annual Technical context for student ad research scholars**” at trade center, Chennai.
6. Faculty Development Program on **Innovative Teaching Practices at Rajarajeswari Engineering college.**
7. Workshops on “**Wireless Sensor Networks**” at MSRIT.
8. Two days FDP program in RNSIT July 2014.

#### **Projects guided:**

1. Image similarity to improve classification of Breast Cancer images.
2. Efficient Broadcasting in MobileAdhoc Network.
3. The effectiveness of checksums for embedded control.
4. Greedy routing with anti void traversal for wireless sensor networks.
5. Secure Authentication Scheme in Wireless network.
6. The Digital Maruder’smap: A wifi Forensic Positioning Tool.

## PERSONAL INFORMATION

DATE OF BIRTH :29/07/1983	AGE: 36	SEX: Female
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