

## ACADEMIC PROFILE

**Name : Dr. K. Senthilkumar M.Tech.,Ph.D**

**Designation: Professor**

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### **Professional Experience:**

S. No	Institute / Organization	Designation	Date of Joining	Total Experience	Nature of Work
1	Bharath Niketan Engineering College, Aundipatti, Theni	Professor	01.07.2018	06 Months	Teaching
2	Bharath Niketan Engineering College, Aundipatti, Theni	Associate Professor	21.01.2012	06 Years and 06 Months	Teaching
3	Shri Angalamman College of Engineering & Technology, Trichy.	Assistant Professor	01.10.2008	03 Years and 02 Months	Teaching
4	Bharath Niketan Engineering College, Aundipatti, Theni	Lecturer	May 2001	5 Years and 06 Months	Teaching

### **Academic Qualification:**

S.No.	Degree	University	Branch	Month & Year of Completion	CGPA or Percentage & Class
1.	Ph.D.	Anna University, Chennai, Tamilnadu, India.	Information and Communication Engineering	July 2015	
2.	M.Sc.,	Blackpool University London, United Kingdom.	Information Technology	June 2008	75.33% First Class with Merit
3.	M.Tech,	Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu, India.	Computer & Information Technology	April 2005	77.30% First Class with Distinction

4.	B.E.	Bharathidasan University, Trichy, Tamilnadu, India.	Computer Science and Engineering	April 2001	57% Second Class
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**AREA OF INTEREST :**

- Computer Networks
- Ad-Hoc Network
- Network Security
- Wireless Sensor Network

**TRAINING ATTENDED**

1. Introduction to ArcGIS 9 (40 hours) using ArcInfo 9.2 at Indian Geoinformatics Centre on Jan 2009 (Authorized ESRI Learning Centre), Chennai.
2. Faculty Development Programme on “Computer Architecture” at Oxford Engineering College, Trichy, by Centre for Faculty Development, Anna University, Chennai from 16<sup>th</sup> to 23<sup>rd</sup> June 2014.
3. National Level Short-Term Training Programme on “MSP430 LAUNCHPAD BASED EMBEDDED SYSTEM DESIGN” Conducted at VIT Chennai from 27<sup>th</sup> Sep 2014 to 28<sup>th</sup> Sep 2014.
4. CSIR sponsored Two-day National Level Workshop on “Image Processing for Biomedical Applications” conducted at SSM Institute of Engineering and Technology, Dindugal from 24<sup>th</sup> May 2018 to 25<sup>th</sup> May 2018.

**LIST OF PUBLICATIONS:**

**International Journals**

1. **Senthil Kumar, K**, Ramkumar. D, 2015 ‘Combined Genetic and Fuzzy Approach Shortest Path Routing Problem in Adhoc Networks’ Wireless Personal Communication (DOI) **10.1007/s11277-015-3130-7** (Annexure I – Impact Factor: 0.653).
2. **Senthilkumar, K** & Sasikumar, S 2015 ‘A Dynamic Routing Performance Analysis in Wireless Sensor Network Using Localized Protocol’, Sensor Lett, vol.13, no.6, pp 517-522. (Annexure I – Impact Factor: 0.558).
3. **Senthil Kumar, K**, Sasikumar, S & Sugapriya, C 2014 ‘Multipath Diversity Routing in Stateless Multicasting for Adhoc Networks’, Information- An International Interdisciplinary Journal, vol.17, no.6 (A), pp 2289-2298. (Annexure I – Impact Factor: 0.36).

4. **Senthil Kumar, K**, Thirumurugan, P, Sasikumar, S & Navaneethakrishnan, S 2014 ‘Efficient Path Selection in MANETs Using AESP Protocol’, Information-An International Interdisciplinary Journal, vol.17, no.6 (A), pp 2311-2320. (Annexure I – Impact Factor: 0.36).
5. **Senthil Kumar, K**, Sasikumar, S & Sugapriya, C 2014 ‘Group Management in Mobile Adhoc Networks’, American Journal of Applied Sciences, Vol.11, No.7, pp 1059-1064. (Annexure –II – SNIP: 1.45).
6. **Senthil Kumar, K**, Sasikumar, S & Thirumurugan, P 2014 ‘Secure and Efficient Data Transmission for Multihop Network in Multicast Routing’ International Journal on Computer Engineering and Software Technology, vol.5, Special Issue 1, pp 29 – 34.
7. **Senthil Kumar, K**, Navaneethakrishnan, S and Dr. R. Madhusudhanan – “Image Processing in an Integrated Remotely Sensed Satellite Image “IJERIA Vol. II, No. I (2009) pp. 211 – 220.

### **International Conferences**

1. **Senthil Kumar, K**, Sasikumar, S & Thirumurugan, P ‘Secure and Efficient Data Transmission for Multihop Network in Multicast Routing’, International Conference on Recent Trends In Electronics, Electrical Engineering, Networking & Nano Technology (ICE<sup>2</sup>N<sup>2</sup>-14), Oddanchatram, India.
2. **Senthil Kumar, K**, Sasikumar, S & Sugapriya, C ‘A Cluster based Group Management using Zone Leader Allocation in Manet’, International conference on Global Innovations in Computing Technology (ICGICT-14), Tripur, India.
3. **Senthil Kumar, K**, Sasikumar, S & Sugapriya, C ‘A Review of Secure and Efficient Multicast Routing in Mobile Ad-Hoc Network’, International conference on Recent Innovations in Engineering, Palani, India.
4. **Senthil Kumar, K**, Sasikumar, S & Sugapriya, C ‘Stateless Multicasting using Multipath Diversity Routing in MANET’, IEEE International Conference on Communication and Signal Processing (ICCSP’14), Melmaruvathur, India.

### **National Conferences**

1. **Senthil Kumar, K** & Sasikumar, S ‘Security and Energy Management Issues in Mobile Ad-Hoc Network’, National conference on Networking, Communication and Data Analysis (NCDA, 14), Coimbatore, India.
2. **Senthil Kumar, K**, Sasikumar, S & Sugapriya, C ‘A Survey In Efficient Data Transmission Using Tree Based Routing Protocol’, National conference on Recent Trends in Communication Systems & Network Applications (SPECTRA’14), Theni, India.