Department of CSE

PERSONAL DETAILS

Name :	Dr.L.Karthikeyan
Designation :	Assistant Professor(Sel.Gr)
Educational Qualification :	M.Tech., Ph.D.
Experience:	15 years
Area of Specialization :	NETWORKS and IOT
Date of Joining :	09/08/2005
Email ID :	karthikeyanl.cse@valliammai.co.in vec_cse@yahoo.in
Contact Numbers :	9384604669, 044-27454784 **Extn: 8123**

EDUCATIONAL DETAILS

S.No	Degree	Branch / Specialization	Institution / University	Year
1	M.Tech	CSE	SRMIST	2005
2	Ph.D	CSE	Anna University	2017

PROFESSIONAL SOCIETY MEMBERSHIPS

Indian Society of Technical Education: Life Member

Computer Society of India: Life Member

Society of Digital Information and Wireless Communication(SDIWC): Life Member

Universal Association of Computer and Electronics Engineers (UACEE): Life Member.

International Association of Computer Science and Information Technology (IACSIT): Life Member

International association for the engineers (IAENG): Life Member

Institute for Computer Sciences, Social Informatics and Telecommunications Engineering: Life Member

Internet Society (ISOC): Life Member.

PROFESSIONAL SOCIETY RESPONSIBILITIES

- ✓ **Nominee Member** -Computer Society of India (Kancheepuram Chapter)

    -From May 2018 to 2020(march)

RESPONSIBILITIES

✓ Student Affairs Cell (Department Coordinator)

✓ Project Coordinator (UG & PG): Students academic projects selection and evaluation and conducting periodic project reviews.

✓ Academic Coordinator: Frame course materials, lab manuals, question papers, analyze daily & monthly attendance reports of students, periodical test reports and evaluate the student's performance, etc.,

✓ Student Counselor: Organize career guidance programs to students. Resolve their problems, motivate and inculcate positive attitudes

Awards

✓ Obtained 100 % result in more than 2 subjects and Got Cash Award

CURRICULAR ACTIVITIES

✓ No of Workshop Organized : 2
✓ No of FDP Organized : 4
✓ No of Certification courses Completed: 04
✓ No of FDP Participated : 16
✓ No of Seminar/Training Participated : 19
✓ No of Lectures inside Home Institutions:5

PUBLICATION DETAILS

JOURNALS

1. **Improved Packet Delivery Ratio using Enhanced link Residual Time in VANET , Advances in natural and Applied sciences (Annexure II), Published in: Vol 3(8). Publication year: 2014 ,Page No: 21-24,ISSN: 1995-0772.**

2. **Comparison study of Link Estimation Time in Vehicular ADHOC Network, International Journal of Applied Engineering Research (IJAER) (Annexure II As Per Version 2015.1.1), Published In: Vol 10,No 2. Publication Year: 2015 ,Page No: 1596-1599,ISSN: 0973-4562**

3. **Secured and Prioritized Traffic Signal Control on Vehicular Adhoc Network, International Journal of Advanced Engineering, Published In: Vol 1,No 1. Publication Year: 2015 ,Page No: 7-12,ISSN: 1343-4500**

4. Comparison Study on Non-delay Tolerant Routing Protocol In Vehicular Network ScienceDirect, Procedia in Computer Science, Published In: Vol 50. Publication Year: 2015 Page No: 252-257,ISSN: 1877-0509.

5. Detection Algorithm for Density Network Attack in Wireless Network Coding Systems', Advances in natural and Applied sciences (Annexure II), Published In: Vol 9, No 15. Publication Year: 2015 ,Page No: 38-43 ,ISSN: 1995-0772.

6. Literature Survey on position based routing protocols in VANET, Advances in natural and Applied sciences (Annexure II), Published In: Vol 9,No 17. Publication Year: 2015,Page No: 86-92,ISSN: 1995-0772 .

7. GPS based Link Estimation Time For VANET Urban Routing, International Journal of Advanced Engineering Technology (Annexure I As Per Version 2016.1.1), Published In: Vol 7,No 2.. Publication Year: 2016 ,Page No:350-354,ISSN: 1976-3945.

8. Performance Analysis of Various Link Estimation Time Methods in Vehicular Ad hoc Network, Electronic Government, an Int. J., Inderscience publication(scopus index), Published In:Vol 14,No 3. Publication Year: 2018 ,Page No: 312-320 ISSN: 1740-7494.

9. A Systematic Comparison analysis on Simulators in Vehicular Adhoc Network, International Journal of Engineering and Advanced Technology(scopus index), Published in Vol 8,Publication year :2019,Page No:655-658 ISSN: 2249 – 8958

Conferences:

1. Intrusion Detection in Heterogeneous Network by Multipath Routing Based Tolerance Protocol in National Conference on Dhanalashmi Srinivasan College of Engineering & Technology March 20, 2014.

2. Secured and Prioritized Traffic Signal Control on Vehicular Adhoc Network in National Conference on AICT 2014 at Sri Venkateshwara College of Engineering

3. ELRT: Improved Packet delivery ratio using Enhanced Link Residual Time in VANET in International Conference on EEICC 2014 at Karpagam College of Engineering

4. **Comparison Study of Link Estimation Time in Vehicular AD HOC Network in International Conference on ICET 2015 at KNSK College of Engineering.**

5. **Literature Survey on position based routing protocol in VANET in International Conference on EEICC 2015 at Karpagam College of Engineering.**

6. **Detection Algorithm for Density network attach in wireless coding system in International Conference on EEICC 2015 at Karpagam College of Engineering.**

Book Chapters:

1. **A Hybrid Fusion of Multimodal Medical Images for the Enhancement of Visual Quality in Medical Diagnosis, Computer Aided Intervention and Diagnostics in Clinical and Medical Images, Volume & Issues-31, pp 61-70,ISSN No: 2212-9391.**

Technical Articles:

1. **Impact of Big Data in E-Commerce, CSI Communications- E-commerce, Issue: 42 &13, pp 20-21, April 19.**

Certifications Completed

✓ **Spoken Tutorial Project, Conducted by IIT Bombay, Examination on C (2017)**

✓ **CCNA Routing and Switching, CISCO ID:CSCO13324426, score : 894(2018)**

✓ **NPTEL Online Certification on C++ programming (2017)**

✓ **NPTEL Online Certification on Digital Systems (2019)**