

FACULTY PROFILE

1. Name : Dr. NALLUSAMY.C
2. Designation : Associate Professor
3. Date of Joining : 26.05.2010
4. Nature of Association : Regular
5. Email : cnallusamy80@gmail.com
nallusamyc@ksrct.ac.in



6. Academic Qualifications:

S.No.	Course	Institution	Board/ University	Percentage/ CGPA & Year of Passing	Class obtained
1.	Ph.D (Information and communication Engineering)	K.S.Rangasamy College of Technology, Tiruchengode	Anna University, Chennai	October 2018	Completed
2.	M.Tech. (Computer Science & Engineering)	Faculty of Engineering	Annamalai University	73% May 2004	First class
3.	B.E. (Computer Science & Engineering)	Jaya Engineering College	Madras University	59% May 2002	Second class
4.	HSC	Government Higher Secondary School, Namakkal (North)	State Board, Tamilnadu	83% March 1997	First class
5.	SSLC	Government High School, Karichipalayam	State Board, Tamilnadu	89% April 1995	First class

7. Employment details with Experience:

S.No.	ORGANIZATION	DESIGNATION	PERIOD		YEAR OF EXPERIENCE
			FROM	TO	
1.	K.S.Rangasamy College of Technology.	Associate Professor	01.12.2018	Till date	6.4
2.	K.S.Rangasamy College of Technology	Assistant Professor	26.05.2010	31.11.2018	8.6
3.	Lord Venkateswara Engineering College	Lecturer	08.12.2009	21.05.2010	0.5
4.	Wipro Technologies	Senior Software Engineer	06.05 2007	06.11.2009	2.6
5.	Dreams Software and Services	Software Associate	07.09.2004	04.05.2007	2.8
Teaching (15.3 years) + Industry (5.2 years) Total					20.5 Years

8. Title Of Ph.D Thesis :“ INVESTIGATION ON TOPOLOGY AND RESOURCE AWARE OPTIMIZATION TECHNIQUES FOR EFFICIENT GEOGRAPHIC ROUTING IN MOBILE AD HOC NETWORKS”

9. List of Publications:

International / National Journals	
1.	Nallusamy C, Uma , Selvakumar T, Kumaravel T “Star Topology–Aware CH Selection and Geographic Routing Using Group Search Chronological Optimizer in MANET”,” International Journal of Communication Systems”, https://doi.org/10.1002/dac.70055 ,2025
2.	Kumaravel T,Nallusamy C, Natesan P,”Influence of COVID-19 in Tourism: A Sentiment Analysis of Twitter Data”, 4th International Conference on Sustainable Expert Systems, ICSES 2024 - Proceedings Pages 508 – 514, ISBN, 979-833154036-4,DOI 10.1109/ICSES63445.2024.10763265,2025
3.	Arumugam, A., Eswaran, B., Ramesh, L., Nallusamy ,C, “Quantum-Integrated Steganography for Secure Communication using QKD and LSB Techniques”,3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings, 2025, pp. 977–983
4.	Poonkuzhali R, Pavithra, Senthil Kumar K.S, Nallusamy C,” Heart Disease Prediction Using Machine Learning Techniques,” 2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024”, ISBN:979-835037024-9 DOI: 10.1109/ICCCNT61001.2024.10725519,2024
5.	Nallusamy C, Krishnan, M. Adith, Farook S,” Hybrid Honey Badger and Cuttlefish Optimization Algorithm (HHBCOA) for On-Road Vehicle Breakdown Assistance in VANETs”, 2024 International Conference on Knowledge Engineering and Communication Systems, ICKECS 2024, ISBN : 979-835035968-8, DOI: 10.1109/ICKECS61492.2024.10617423,2024
6.	Sangeetha, M & Nallusamy, C, “A Deep Learning Based Predictive Model For prognostication and Risk Assessment of Lung Cancer MAHSA International Journal of Engineering and Technology”, Vol.4,No.1,2024.

7.	Nallusamy, C., Ari Haran, A., Arun, P. K., & Sabith, K. N 2022 ‘Sign language recognition’, International Journal of Health Sciences 6(S5), 1340–1348. https://doi.org/10.53730/ijhs.v6nS5.8875
8.	Dr. A. Syed Musthafa*, S. Kanimozhi** & Dr. C. Nallusamy, 2022 ‘Internet of Things: An Overview with Application Domains 0’Internet of Things: An Overview with Application Domains
9.	Fathima, H., Kavitha, V., Nallusamy, C, (2022). Using PPI-GA for identifying protein complexes in protein-protein interaction networks. International Journal of Health Sciences, 6(S3), 11790–11800. https://doi.org/10.53730/ijhs.v6nS3.8873
10.	K.S. Chandru, D.Yuvaraj, Dr.C.Nallusamy,’ Prediction In Big Data Context On Scalability Of Machine Learning Models For Breast Cancer’, International Journal of Aquatic Science ISSN: 2008-8019Vol 12, Issue 03, 2021.
11.	Nallusamy C, Dr. G.Rajeshkumar, Dr.S.Sadesh(2021),’ Designing User-Centered IoT Middleware Solutions for Small and Mid-Scale Farmers for Precision Agriculture using Cloud Computing’, International Journal of Advanced Trends in Computer Science and Engineering, 9(4), July – August 2020, 5807 – 5814
12.	Nallusamy, C & Sabari, A 2017, ‘Particle Swarm based Resource Optimized Geographic Routing for improved network lifetime in MANET’, Mobile Networks and Applications, Springer, pp. 1-11, DOI : 10.1007/s11036-017-0911-0 (Impact Factor: 3.259, Annexure I).
13.	Nallusamy, C & Sabari, A 2017, ‘Optimized Memetic and PSO Algorithm for Efficient Geographic Routing in MANET’, International Journal of Pure and Applied Mathematics, vol. 116, no. 24, pp. 293-314 (Impact Factor: 0.29)
14.	Nallusamy, C & Sabari, A 2017, ‘Interference and Mobility Aware Particle Swarm Optimizer for efficient Geographic Routing in Mobile Ad Hoc Networks’, Journal of Advanced Research in Dynamical and Control Systems, no. 12, pp. 180-205 (Impact Factor: 0.22)
15.	Nallusamy, C & Sabari, A 2016, ‘An Investigation on Geographic Routing Protocol in Mobile Adhoc Network’, South Asian Journal of Engineering and Technology, Volume.2, no. 2, pp. 39-47
16.	Nallusamy, C Sabari, A, & Karthick, V 2016, ‘Energy Aware and Bandwidth Optimized AODV Routing for Efficient Traffic Control in Mobile AD HOC Networks’, Middle-East Journal of Scientific Research, ISSN 1990-9233, pp. 53-58 (Impact Factor: 0.12)
17.	Nallusamy, C Sabari, A, & Karthick, V 2016, Node and Connection Life Time based route Selection using Position update in MANET’, International Journal of Applied Engineering Research, Volume.10, no. 38, pp. 28590-28593
18.	Nallusamy, C Sabari, A, & Suganya, K 2014, ‘Appraisal on Link Lifetime Prediction Using Geographical Information’, World Academy of Science, Engineering and Technology, vol. 8, no. 11, pp. 728-731
19.	Nallusamy, C Sabari, A, & Suresh, N 2014, ‘Improved Adaptive Position Update for Geographic Routing in Mobile’, International Journal of Engineering Sciences & Research Technology, ISSN: 2277-9655 (Impact Factor: 1.852)
20.	Nallusamy, Gowri, R,S,Haripriya, S 2024,’GPS Using Attendance Tracking System’, Challenges in Information, Communication and Computing Technology, DOI: 10.1201/9781003559085-19,pp 106-111

Paper Presented in International Conferences:

International / National Journals	
1.	Presented paper titled " Influence of COVID-19 in Tourism: A Sentiment Analysis of Twitter Data", 4th International Conference on Sustainable Expert Systems, ICSES 2024
2.	Presented paper titled "Quantum-Integrated Steganography for Secure Communication using QKD and LSB Techniques",3rd International Conference on Electronics and Renewable Systems, ICEARS 2025
3.	Presented paper titled " Heart Disease Prediction Using Machine Learning Techniques," 2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024
4.	Presented paper titled " Hybrid Honey Badger and Cuttlefish Optimization Algorithm (HHBCOA) for On-Road Vehicle Breakdown Assistance in VANETs", 2024 International Conference on Knowledge Engineering and Communication Systems, ICKECS 2024
5.	Presented paper titled "A Deep Learning Based Predictive Model For prognostication and Risk Assessment of Lung Cancer MAHSA International Journal of Engineering and Technology"
6.	Presented paper titled "Energy Aware and Bandwidth Optimized AODV Routing for Efficient traffic Control in Mobile Ad Hoc Networks " in International Conference organized by K.S.Rangasamy College Technology on 05-03-2016
7.	Presented paper titled "Node and Connection Life Time based route Selection using Position update in MANET " in International Conference organized by Al-Ameen Engineering College on 10-04-2015
8.	Presented paper titled "Efficient Geographic routing in APU " in International Conference organized byAishwarya College of Engineering and Technology on 12-12-2014
9.	Presented paper titled "Third party Auditing Scheme for Data Storage in Cloud " in International Conference organized by Maria College of Engineering and Technology on 16-02-2012 & 17-02-2012