

FACULTY PROFILE

1. Name : Dr.M.Sangeetha
 2. Designation : Associate Professor
 3. Date of Joining : 15.07.2010
 4. Nature of Association : Regular
 5. Email : sangeetham@ksrct.ac.in



6. Academic Qualifications:

S.No.	Course	Institution	Board/ University	Percentage/C GPA & Year of Passing	Class obtained
1.	Ph.D (Information and communication Engineering)	K.S.Rangasamy College of Technology, Tiruchengode	Anna University, Chennai.	June 2017	Completed
2.	M.E (Computer Science & Engineering)	Kongu Engineering College, Perundurai	Anna University, Chennai	74% June 2005	First class
4.	B.E. (Computer Science & Engineering)	K.S.Rangasamy College of Technology, Tiruchengode	Periyar University, Salem	76% June 2003	First class
5.	HSC	Government Girls Higher Secondary School, Tiruchengode	State Board, Tamilnadu	81% March 1999	First class
6.	SSLC	Government Higher Secondary School, Kozhikkalnatham	State Board, Tamilnadu	80% April 1997	First class

7. Employment details with Experience:

S.No.	ORGANIZATION	DESIGNATION	PERIOD		YEAR OF EXPERIENCE
			FROM	TO	
1.	K.S.Rangasamy College of Technology, Tiruchengode	Associate Professor	01/06/2015	Till date	4.2
		Assistant Professor	15/07/2010	31/05/2015	4.10
2.	Meenakshi Ramaswami Engineering College, Ariyalur	Assistant Professor	02/11/2009	30/06/2010	0.8
3.	Kongu Engineering College, Perundurai	Lecturer	13/06/2005	15/10/2009	4.4
Total					14 Years

8.Title of Ph.D Thesis : PROLONGING NETWORK LIFETIME AND OPTIMIZING ENERGY CONSUMPTION USING HYBRID CLUSTERING ALGORITHM IN WIRELESS SENSOR NETWORKS

9.List of Publications:

International Journals	
1.	M.Sangeetha , A.Sabari , “Genetic optimization of hybrid clustering algorithm in mobile wireless sensor networks” Sensor Review, Vol.38, No.4, 2018.
2.	M.Sangeetha, A.Sabari, “Prolonging network lifetime and optimizing energy consumption using swarm optimization in mobile wireless sensor networks”, Sensor Review, Vol.38, No.4, 2018.
3.	M.Sangeetha, A.Sabari, “Prolonging Network Lifetime and Optimizing Energy Consumption Using Particle Swarm Optimization for Mobile Wireless Sensor Networks”, Asian Journal of Research in social Sciences and humanities, Vol. 6, 238-245, 2016.
4.	M.Sangeetha, A.Sabari, “A Review on Enhanced dynamic clustering in WSN”, International Journal of Computer, Electrical, Automation, Control and Information Engineering, Vol.9, pp.2067-2075, 2016.
5.	M.Sangeetha, A.Sabari, “Particle Swarm Optimization: Essential Concepts, Applications and Variants in Wireless Sensor Networks”, Middle-East Journal of Scientific Research, pp.127-132, 2016.
6.	M.Sangeetha, A.Sabari, “A Novel Technique for Improving Cluster Head Lifetime in Mobile Wireless Sensor Network”, Asian Journal of Information Technology, Vol.15, pp.312-322, 2016.
7.	M.Sangeetha, A.Sabari, “Energy Aware Zone-based Clustering Algorithm in WSNs”, Journal of Emerging Technologies and Innovative Research, Vol. 2, pp.1160-1164, 2015.
8.	M.Sangeetha, A.Sabari, “A Review: Comparative Study of Enhanced Hierarchical Clustering Protocols in WSN”, International Journal of Computer, Control, Quantum and Information Engineering/ World Academy of Science, Engineering and Technology, Vol. 8, No.8, pp.1473-1478, 2014.
9.	M.Sangeetha, "A Distributed topology control technique for low interference And Energy Efficiency in Wireless Sensor Networks", Global Research Analysis, Vol.2, pp.112-113, 2013.
10.	M.Sangeetha, A.Sabari, “A Survey of Key Management Technique for Secure and Reliable Data Transmission in MANET”, International Journal of Advanced Research in Computer Science and Software Engineering, Vol. 3, pp. 22-27, 2013.

National Conference	
1.	M.Sangeetha, “Comparative Analysis of heterogeneity in Road Accident Data Using Data Mining Techniques”, National Conference on Emerging Trends in Engineering and Technology, Nandha College of Technology, Erode 2019.
2.	M.Sangeetha, “An Improved Deduplication Data Storage Model for Cloud using TPA Protocol”, 8 th National Conference on Advancements in Electrical Sciences, SNS College of Technology, Coimbatore,2018.
3.	M.Sangeetha, “WAP Based Tele Medicine for Healthcare with Data mining Support”, 2nd National Conference on "IT applications for Rural Development and Healthcare, Department of Science and Technology, Kongu Engineering College,Perundurai,2016
International Conference	
1.	M.Sangeetha, “Particle Swarm Optimization, Essential Concepts, Applications and Variants in Wireless Sensor Networks”, 5 th International Conference on Frontiers of Computational Intelligence – ICFCI’16 , K.S.Rangasamy College of Technology, March 2016.
2.	M.Sangeetha, “Energy Aware Zone Based Clustering Algorithm in WSNs”, Proceedings of International Conference on Recent Trends in Engineering and Technology,Mount Zion college of Engineering and Technology, Pudukkottai,2015.

10. List of Workshops / Seminar / STTP/FDPs Organized:

S.No.	Title	Venue	Duration	Sponsoring Authority
1.	Linux-Workshop	K.S.Rangasamy College of Engineering	05.02.2019 to 06.02.2019	Red Hat Academy
2.	Spark(One Credit Course)	K.S.Rangasamy College of Technology	15.03.2019 to 17.03.2019	-
3.	Hadoop(One Credit Course)	K.S.Rangasamy College of Technology	06.10.2017 To 08.10.2017	-

11. List of Workshops / Seminar / STTB/FDPs Attended:

S.No.	Title	Venue	Duration	Sponsoring Authority
1.	NBA Accreditation (ICT01)	K.S.Rangasamy College of Technology,Tiruchengode	22.04.2019 to 26.04.2019	National Institute of Technical Teachers’ Training and Research (NITTTR), Kolkata
2.	BigData-Spark (One credit)	K.S.Rangasamy College of Technology, Tiruchengode	15.03.2019 to 17.03.2019	-

3.	Big data Analytics and Machine Learning	K.S.Rangasamy College of Technology, Tiruchengode	04.06.2018 to 09.06.2018	AICTE
4.	Big Data Engineering(One Credit Course)	K.S.Rangasamy College of Technology, Tiruchengode	06.10.2017 To 08.10.2017	-
5.	Networking Simultion using Qualnet Software	DELLSOFT Technologies, Department of IT,KSRCT	28.09.2017	-
6.	Improving Your API Scores based on UGC Regulations	Department Of Library, K.S.Rangasamy College of Technology	28.08.2017	-
7.	Bigdata Analytics with Apache Spark	K.S.R College of Arts and Science for Women	08.09.2017	ICMR
8.	Writing Research Papers,Predatory Journals, CopyRight,Plagiarism, Citation Analysis and Impact factor	KSRCT Library & Readers Club	19.11.2016	-
9.	Introduction to Design of Algorithm	K.S.Rangasamy College of Technology, Tiruchengode	27.04.2015 To 30.05.2015	Indian Institute Of Technology, Kharagpur
10.	Wireless Protcol Design Using NS2	K.S.R Institute For Engineering And Technology, Tiruchengode	22.09.2014	-
11.	Step 2 Research(e-seminar)	K.S.Rangasamy College of Technology, Tiruchengode	19.09.2014 to 20.09.2014	ISTE and CSI
12.	Research Issues in Mobile Ab-Hoc and Sensor Network Security	Kongu Engineering College,Perundurai, Erode	06.05.2013 To 19.05.2013	AICTE
13.	Recent Advance in Pattern Recognition-Artificial Intelligence Models and Analysis in Biometrics	K.S.Rangasamy College of Technology, Tiruchengode	25.03.2013 to 06.04.2013	AICTE
14.	Research Issues in Mobile Ab-Hoc and Sensor Network Security	Kongu Engineering College, Perundurai	06.05.2013 to 19.05.2013	AICTE
15.	Research Issues in Image Processing	Kongu Engineering College, Perundurai	20.06.2008 To 21.06.2008	CSIR
16.	Grid Based Data Mining and its Applications	Kongu Engineering College, Perundurai	29.07.2008 To 30.07.2008	CSIR
17.	Multimedia and e-Learning	Kongu Engineering College, Perundurai	23.03.2007 to 27.03.2007	-

18.	Java 2 MICRO Edition (J2ME)	Kongu Engineering College, Perundurai	24.09.2007 To 07.10.2007	AICTE
19.	Software Testing	Kongu Engineering College, Perundurai	19.05.2006 To 20.05.2006	AICTE
20.	Awareness Programme on LINUX	Kongu Engineering College, Perundurai	10.09.2005 To 11.09.2005	-

12. Details of Membership In Professional Societies:

S. No.	Name of Professional Body	Grade of Membership	Membership No.
1	ISTE	Life Member	Life Member: LM 92147

13. Recognized Supervisor for Ph.d / M.S. Programme :

Department: Faculty of Information and Communication Engineering

University : Anna University, Chennai

Ref. No. : 2740106

14. Achievements

1. Achieved Elite award in NPTEL- Computer Networks and Internet Protocol course in the year of 2017-2018
2. Produced 100% result in End Semester Examination in Computer Communication Networks in the year of 2015-2016.
3. Produced 100% result in End Semester Examination in Object Oriented Analysis and Design in the year of 2014-2015.
4. Produced 100% result in End Semester Examination in Professional Ethics in the year of 2014-2015.
5. Produced 100% result in End Semester Examination in Computer Architecture in the year of 2014-2015.

15. Involvement in Department Activities:

1. Worked for the NBA Certification for the Institution
2. Worked for the Autonomous Affiliation process
3. Act as a department Module Coordinator
4. Worked as a department IQAC Coordinator
5. Worked as a Department Database Coordinator
6. Website Coordinator
7. Worked as a Department PALS Coordinator

Dr.M.Sangeetha