

FACULTY PROFILE

1. Name : Dr. NITHYA R
2. Designation : Assistant Professor
3. Date of Joining : 01.07.2010
4. Nature of Association : Regular
5. Email : nithyaravicse@gmail.com



6. Academic Qualifications:

S.No.	Course	Institution	Board/ University	Percentage/ CGPA & Year of Passing	Class obtained
1.	Ph.D (Information and communication Engineering)	Anna University, Chennai	Anna University, Chennai.	October 2017	Completed
2.	M.E (Computer Science & Engineering)	S.N.S College of Technology, Coimbatore	Anna University, Coimbatore	82% June 2010	First class
4.	B.E. (Computer Science & Engineering)	Nandha Engineering College, Erode	Anna University, Chennai.	72% April 2008	First class
5.	HSC	K.K.P Matriculation Higher Secondary School, Muthur	Higher Secondary Board, Tamilnadu.	79% March 2004	First class
6.	SSLC	K.K.P Matriculation Higher Secondary School, Muthur	Matriculation Board, Tamilnadu.	75% March 2002	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.	Assistant Professor	01.07.2010	Till date	9.1
Total					9.1 Years

8. Title of Ph.D Thesis: “ INVESTIGATION ON CLUSTERING AND PROPORTIONAL FAIRNESS TECHNIQUES FOR ROUTE SELECTION AND DATA COMMUNICATION IN WIRELESS SENSOR NETWORKS”

9. List of Publications:

International / National Journals	
1.	Nithya, R & Prasanth, K 2016, ‘Generalized Iterative Scaling for Energy Efficient Based Multi-Hop Clustering in Wireless Sensor Networks’, Asian Journal of Information Technology, vol. 15, no. 8, pp.1281-1288.
2.	Nithya, R, Prasanth, K & Geethanjali, P 2016, ‘Gene Based Energy and Bandwidth Optimized Routing for Differentiated Services in Wireless Sensor Network’, Middle-East Journal of Scientific Research, vol. 24, pp. 115-120
3.	Nithya, R, Prasanth, K & Sumaiya, BD 2015, ‘A Survey on Energy Efficient Cluster Routing in wireless Sensor Networks’, International Journal of Applied Engineering Research, vol. 10, no. 2, pp.1509-1513.
4.	Nithya, R & Prasanth, K 2015, ‘Spoofing Sink Relocation Attack Detection and Localizing Multiple Adversaries in WSN’, International Journal of Mobile Computing and Application, vol. 2, no. 1, pp.7-12.
5.	Nithya, R, Prasanth, K & Sumaiya, BD 2014, ‘Energy Efficient Hierarchical Cluster based Routing Protocol in WSNs - A Survey’, International Journal of Innovative Research in Science and Technology, vol. 10, no. 7, pp.20-25.
6.	Nithya, R & Prasanth, K 2016, ‘Clustered Spanning Tree for Integrated Energy Efficient Routing and Optimized Data Collection in Wireless Sensor Networks’, Asian Journal of Research in Social Sciences and Humanities vol. 6, no. 9, pp.1671-1687.
7.	Nithya, R & Prasanth, K 2015, ‘On network corelated data gathering attribute aware potential based dynamic routing in networks’, International journal of communication and media science, vol.2, no.1, pp.01-05.
8.	Nithya, R & Swathikrishna, S 2019, ‘An improved machine learning for twitter breaking news extraction based on trend topics’, International Research Journal of Engineering and Technology, vol. 6, no. 3, pp.7755-7761.
National / International Conference	
1.	Presented paper titled “Gene based energy and bandwidth optimized routing for differentiated services in wireless sensor networks” in Third InterNational conference on frontiers of computational intelligence organized by K.S.Rangasamy College of Technology, Tiruchengode on 05.03.2016
2.	Presented paper titled “Image based geographical location estimation” in Fourth National conference on advances in computer science Engineering organized by Sri Krishna College of Engineering and Technology, Coimbatore on 01.09.2017
3.	Presented paper titled “An Improved machine learning for twitter social media live topic extraction based on trend topics” in 11th National conference on networks, intelligence and computing systems organized by SNS College of Technology, Coimbatore on 07.03.2019

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

S.No.	Title	Venue	Duration	Sponsoring Authority
1.	Red hat Academy standard program workshop	K S Rangasamy College of Technology, Tiruchengode	05.02.2019-06.02.2019	K S Rangasamy College of Technology
2.	Bid data Spark one credit course	K S Rangasamy College of Technology, Tiruchengode	15.03.2019-17.03.2019	K S Rangasamy College of Technology

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

S.No.	Title	Venue	Duration	Sponsoring Authority
1.	How to write a Successful Project Proposal to Funding Agencies	K.S.Rangasamy College of Technology, Tiruchengode	21.07.2018	K.S.Rangasamy College of Technology
2.	Advanced Developer Technology	K.S.Rangasamy College of Technology, Tiruchengode	08.04.2009	K.S.Rangasamy College of Technology
3.	Strategies in Enhancing Research	Anna University of Technology, Coimbatore	16.02.2012-17.02.2012	Anna University of Technology, Coimbatore
4.	An Intelligence Based Wireless Ad Hoc and Sensor Networks and its Applications with Ocean Technology	K.S.Rangasamy College of Technology, Tiruchengode	19.08.2011-20.08.2011	K.S.Rangasamy College of Technology, Tiruchengode
5.	Emerging Issues in Wireless Communication Networks	SNS College of Technology, Coimbatore	20.09.2012	DRDO
6.	Recent Advances in Pattern Recognition-Artificial Intelligence Models and Analysis in Biometrics	K.S.Rangasamy College of Technology, Tiruchengode	25.03.2013-06.04.2013	AICTE
7.	Research Aspects of M2M Technology and Wireless Sensor Networks in Space Communication	K.S.Rangasamy College of Technology, Tiruchengode	01.12.2012	DRDO
8.	Challenge And Strategies in Research	SNS College of Technology, Coimbatore	27.09.2013	SNS College of Technology, Coimbatore
9.	Amelioration of Cryptography and Cyber Security Techniques in Defense and National security	Kongu Engineering College, Erode	18.06.2013-19.06.2013	Kongu Engineering College, Erode

10.	National Programme on Technology Enhanced Learning	K.S.Rangasamy College of Technology, Tiruchengode	09.08.2014	K.S.Rangasamy College of Technology, Tiruchengode
11.	Use of ICT in Education for Online and Blended Learning	K.S.Rangasamy College of Technology, Tiruchengode	02.05.2016-10.07.2016	IIT Bombay
12.	Introduction to R Programing	K.S.Rangasamy College of Technology, Tiruchengode	30.11.2016-01.12.2016	K.S.Rangasamy College of Technology
13.	Salesforce Trailhead	K.S.Rangasamy College of Technology, Tiruchengode	08.11.2017-09.11.2017	K.S.Rangasamy College of Technology

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 92150

13. Achievements:

- Received NPTEL Elite award for Cloud computing IIT Bombay online certification course Feb-April 2019
- Produced 100%Result for the subject Software Engineering in the academic year 2015-16
- Produced 100%Result for the subject Data structures in the academic year 2017-18
- Produced 100%Result for the subject Operating systems in the academic year 2018-19

14. Involvement in Department / Institutional Activities:

- Act as a Department Library Incharge
- Act as a Department Higher Education Cell Coordinator
- Act as a Department Entrepreneurship Development Cell Incharge
- Act as a Department Cultural club Coordinator
- Act as a Department Board of Studies Assistant Coordinator

Dr.NITHYA.R

