FACULTY PROFILE

1. Name   : Dr. R.CHITHRA

2. Designation   : Associate Professor

3. Date of Joining   : 13.11.2002

4. Nature of Association   : Regular

5. Email   : chithra@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.	August 2017	Completed
2.	**M.E.** (Computer Science and Engineering)	VMKV Engineering College,Salem	Anna University, Chennai	77% June 2005	First class
4.	**B.E.** (Information Technology)	K.S.Rangasamy College of Technology, Tiruchengode.	Periyar University, Salem	74.% May 2000	First class
5.	**HSC**	Mahendra Matriculation Higher Secondary School,Kalipatti	Higher Secondary Board, Tamilnadu.	88% March 1998	First class
6.	**SSLC**	Mahendra Matriculation Higher Secondary School,Kalipatti	Matriculation Board, Tamilnadu.	80% April 1996	First class

7. **Employment details with Experience:**

S.No.	ORGANIZATION	DESIGNATION	PERIOD		YEAR OF
			FROM	TO	EXPERIENCE
1.	K.S.Rangasamy	Lecturer	13.11.2002	14.10.2003	11 Months
2.	College of	Senior Lecturer	01.06.2005	31.05.2009	4 Years
	Technology,	Assistant Professor	01.06.2009	31.5.2015	6 Years
3.	Tiruchengode.	Associate Professor	01.06.2015	Till date	4 Years 2 Months
				Total	14.11 Years

8. **Title Of Ph.D Thesis** :" PERFORMANCE ANALYSIS OF SECURITY

ENHANCED WIMAX BASED E-LEARNING SYSTEM "

9. List of Publications:

International / National Journals
1. Aruna shivani, Rajagopal chithra ,Bhuvaneswaran Kalaavathy," Survey on Handover Security Issues in WiMAX Networks", International Journal of Computer, Electrical, Automation, Control and Information Engineering, World Academy of Science, Engineering and Technology vol.9,Issue.4,00. 1063 – 1072, 2016.
2. K.S.ArunaShivani R.chithra,Dr.B.Kalaavathi "Effective Multicast Broadcast Services in Mobile WiMAX Using Location Based Load Management Technique", South Asian Journal of Engineering and Technology, SAJET,vol.2,Issue 19,pp.22-27,2016.
3. chithra Rajagopal, Kalaavathi Bhuvaneswaran, "Secured session based authentication protocol for E-learning using WiMAX networks", International Journal of Advancements in Computing Technology, Advanced Institutes of Convergence Information Technology Publications, Vol.7,Issue 5,2015.(Anna University,Annexure II)
4. chithra Rajagopal and Kalaavathi Bhuvaneshwaran ," Secured Session based Profile Caching for E-Learning Systems using WiMAX Networks", Journal Mathematical and Computational Sciences, World Academy of Science,Engineering and Technology,vol.9,Issue 6,2015. (Anna University,Annexure II)
5. chithra Rajagopal and Kalaavathi Bhuvaneshwaran,"Review on Security Issues in WiMAX Networks for E-Learning", International Journal of Computer Science and Mobile Applications,Vol.3,Issue 9,2015.
6. chithra Rajagopal, Kalaavathi Bhuvaneswaran, "Security enhancement using cache based reauthentication in WiMAX based E-Learning system", The Scientific World Journal, Hindawi Publications,Volume 2015, Article ID 878327 ,http://dx.doi.org/10.1155/2015/878327. (Anna University,Annexure I)
7. Rajagopal Chithra, Bhuvaneshwaran Kalaavathi ,"Security Enhancement in ICT for Education using WiMAX Networks" , ICT Applications, Computer Society of India,Vol.39,Issue.9,pp.36-39,2015.
8. chithra Rajagopal and Kalaavathi Bhuvaneshwaran "Survey of Key Management Algorithms in WiMAX", International Journal of Mathematical, Computational, Natural and Physical ngineering, World Academy of Science, Engineering and Technology,vol.8,Issue 9,2014.(Anna University ,Annexure II)
National / International Conference
1. Dr.R.Chithra,"Landslide Detections using Wireless Sensor Networks", Proceedings of national Level Technical Conference on "Signal Processing and Communication Systems",M.Kumarasamy College of Engineering(2019).
2. Dr.R.chithra,"An Android Industrial Application for Education", Proceedings of national Level Technical Conference on Advancement in Electrical Power, Signal Processing and Communication Network System, Selvam College of Technology(2018).
3. Dr.R.chithra, "Graphical Image Based Password Authentication for Android Application", Proceedings of national Level Technical Conference on New Scientific Creations in Engineering and Technology, Nadar Saraswathi College of Engineering and Technology(2018).
4. R.Chithra,"Handover Optimisation in WiMAX fast Handoff Scheme", Proceedings of national Level Technical Conference on Social Mobile Analytics and Cloud,KIOT(2016).
5. R.chithra,Dr.B,Kalaavathi,"Local Wakeup Scheduling Based Swarm Intelligence Technique for Energy Consumption over WiMAX Networks", Proceedings of national Level Conference on Recent Trends in Engineering and Technology,KSR Institute for Engineering and Technology(2013).
6. R.chithra,"Implementation of Bidirectional Routing Abstraction in Asymmetric Mobile Adhoc Networks", Proceedings of national Level Technical Conference on Information and Communication Technology,K.S.Rangasamy College of Technology(2010).
7. R.chithra,"A Survey of Data Mining Techniques for Intrusion Detection", Proceedings of national Level Technical Conference on automation,Computing,communication and Control systems, Vivekanandha College of Engineering for Women(2010).

8.	R.chithra,S.Sarumathi and Dr.B.G.Geetha,"Color to Gray and Back using Pattern Mixing and Half Toning Algorithm", Proceedings of national Conference on Current Trends in Soft Computing", Sri Ramakrishna Engineering College(2007)
9.	R.chithra, National Level Technical Conference in Recent Trends in Advanced Computing, "Application of DataMining in HealthCare", SNS College of Technology(2006).
10.	R.chithra,national Level Technical Conference, "Text Image Segmentation using Multiscale Wavelet Analysis", Jayam College of Engineering and Technology(2005).
11.	R.chithra , National conference on Recent Trends in Networking and distributed Computing, Pavendhar Bharadhidasan College of Engineering and Technology,Trichy(2005).
12.	R.chithra, National Conference on Recent trends in IT "Digital Image Processing", Vivekanandha College of Engineering(2004).

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

S.No.	Title	Venue	Duration	Sponsoring Authority
1.	SAP Based Solutions	KSRangasamy College of Technology	27.8.2016	-

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

S.No.	Title	Venue	Duration	Sponsoring Authority
Workshops / Seminar				
1.	Social Networks	K S Rangasamy College of Technology	Jan-19-Apr 19	-
2.	NBA Accreditation	K S Rangasamy College of Technology	22.4.19 to 26.4.19	-
3.	Big-Data Spark	K S Rangasamy College of Technology	15.3.19 to 17.3.19	-
4.	Big Data Analytics and Machine Learning	K.S.Rangasamy College of Technology	04.06.18 to 9.6.18	AICTE
5.	How to write a Successful Project Proposal to Funding Agencies	K.S.Rangasamy College of Technology	21-07-2018	-
6.	Networking Simulation using Qualnet Software	K.S.Rangasamy College of Technology	28.09.2017	-
7.	Pedagogy for Effective use of ICT in Engineering Education	K.S.Rangasamy College of Technology	5.1.2015 to 31.5.2015	-
8.	Computer Networking	K.S.Rangasamy College of Technology	30.06.2014 to 5.7.14	ISTE
9.	Steps to Research conducted	K.S.Rangasamy College of Technology	19.9.2014 &20.9.2014	ISTE and CSI
10.	Recent Advances in Pattern Recognition – Artificial Intelligence Models and Analysis in Biometrics	K.S.Rangasamy college of Technology	25.3.2013 to 6.4.2013	AICTE
11.	Qualnet	Kongu Engineering College	7.8.2013 & 8.8.2013	-
12.	Research Aspects of M2M Technology and Wireless Sensor	K.S.Rangasamy College of Technology	30.11.2012 &1.112.2012	-

	Networks in Space Communication			
13.	Cloud Computing and its Research Applications	K.S.R College of Engineering	28.1.2011	-
14.	An Intelligent Based Wireless Adhoc and Sensor Networks and its Applications with Ocean Technology	K.S.Rangasamy College of Technology	19.8.2011 &20.8.2011	CSIR
15.	Research Challenges of Data Security in Grid and Cloud Computing	K.S.Rangasamy College of Technology	19.3.2010 &20.3.2010	-
16.	Research in Computer Science-Issues and Challenges	K.S.Rangasamy College of Technology	17.4.2010	-
17.	Recent Trends in Information Security	K.S.Rangasamy College of Technology	31.1.2009	-
18.	Research Methodologies	K.S.Rangasamy College of Technology	04.04.2009	ISTE Staff Chapter
19.	Data Mining using PASW Modeler	PSG College of Technology	10.10.2009 &11.10.2009	
20.	Data Mining in Intelligent Data Analysis	Kongu Engineering College	8.2.2007	-
21.	Research Methodology in Computer Science	K.S.Rangasamy College of Technology	11.8.2007	-
22.	Software Quality Assurance	Bannari Amman Institute of Technology	15.9.2006	NASSCOM
23.	Recent Trends in Computing	Periyar University	28.10.2006	-
24.	Emerging Trends in Industrial Biotechnology	Vivekanandhaa College of Engineering for Women	14.2.2005 &15.2.2005	-
25.	Integrated Circuits and Micro Controllers	K.S.Rangasamy College of Technology	8.12.2005 & 8.90.2005	-
26.	DSP Tools for Research in Engineering and Technology	VMKV Engineering College	17.7.2004	-
27.	Applications of Image Processing and Neural Networks	Vellalar College for Women	06.8.2004	
28.	Recent Trends in Network Security and Management	Vellore Institute of Technology	13.8.2004 &14.8.2004	-
29.	WiFi Technology	VMKV Engineering College	31.7.2004	-

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 54066**

13. Achievements:

- Received Best Faculty Award for producing 100% results in System Software, Wireless Technologies, Software Engineering, Database Management System, Computer Applications in Parallel Processing, Software Quality Management, Software Engineering Methodologies.
- Received Elite award for the NPTEL course on Social Networks.
- Reviewer for Asian Journal of Research in Computer Science , Journal of Advances in Mathematics and Computer Science, Journal of Applied Life Sciences International, International Conference with Springer, Automatika, Computer Applications in Engineering Education.

14. Additional Responsibilities

- Department Module coordinator for the Module "Networking"
- Department Time Table coordinator.
- Department Mini project coordinator.
- College level ISO Auditor.
- Department level NBA Criteria Coordinator.
- Department level Project Coordinator.

Dr.R.CHITHRA