



# SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY COIMBATORE-10

(Approved by AICTE, New Delhi & Affiliated to Anna University)

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



### FACULTY PROFILE

Full Name with qualification & Designation :			
<b>Dr. A. Sumithra</b> B.E., M.Tech., Ph.D Assistant Professor			
Date of Birth:	25-04-1987	Gender:	Female
Marital Status:	Married	Religion:	Hindu
Address for correspondence:	C/149 Cheran colony, Thudiyalur, Coimbatore	Permanent Address :	No:7/1137 B ,Rajiv Gandhi Street,E.B Colony,Nagamalai,Madurai-625019
Mobile No:	9710928460	E-Mail: (official)	<a href="mailto:sumithra.cse@srit.org">sumithra.cse@srit.org</a>
Telephone [Home]:	-	E-Mail: (Personal)	<a href="mailto:sumithragvskr.g@gmail.com">sumithragvskr.g@gmail.com</a>
Date of Joining in this Institution:	12-06-2017	Post at the time of Joining:	Assistant Professor
No. Of promotions since D.O.J. in this institution:	-	Present Post:	Assistant Professor
Present Scale of Pay:		Gross Pay:	
Employee ID:		CUB	

		Account No.:	
P.F. No:	-	Group Insurance No:	-

### ACADEMIC RECORD

	Degree	Name & Address of Awarding Institution	Major Field of Study	Graduated Year
First Degree	B.E	Sethu Insitute of Technology/Anna University	Computer Science & Engineering	2008
Master Degree	M.Tech	Kalasalingam University	Information Technology	2010
Doctorate	Ph.D	Madurai Kamaraj University	Computer Science	2014

### Journal Publications:

National / International	Topic	Journal	Year of Publication
1	A Framework Using Android App for Smart Governance	<i>International Journal of Innovative Science, Engineering &amp; Technology</i> ISSN 2348 – 7968, Vol. 3 Issue 3	March 2016
2	A Smart Environmental Monitoring System Using Internet Of Things	<i>International Journal of Scientific Engineering and Applied Science (IJSEAS)</i> ISSN: 2395-3470 , Volume-2, Issue-3,	March 2016
3	IOT-Based Measuring Temperature And Humidity In The Cattle Diary	<i>International Journal of Recent Scientific Research</i> Vol. 6, Issue, 11, pp. 7358-7360,	November, 2015
4	Assortment of patients data in healthcare Sectors using cloud computing	<i>International Education &amp; Research Journal [IERJ],</i> Volume-1 Issue-2	Sep-2015
5	A Step Towards Smart City Using Sixth Sense Technology	<i>International Journal Of Research In Computer Applications And Robotics</i>	September 2015

		, ISSN 2320-7345, Vol.3 6Issue 9, Pg.: 52-58	
6	Creation of Virtual Private Network Over MPLS Network for Voice over Ip	<i>International Journal of Research (IJR)</i> , ISSN 2348-6848 Vol-1, Issue-9,	October 2014
7	E-INEA Based Fast and secure Reauthentication in a multihop Environment	<i>International Journal of Engineering Research and Technology</i> , ISSN: 2278-0181, Vol. 2 Issue 11	November 2013
8	A Fool Proof Biometric Attendance Management System	<i>International Journal of Information and Computation Technology</i> , ISSN 0974-2239 Volume 3, Number 5(2013)	2013
9	Health Portal An Android Smarter Health care Application	<i>International Journal of Research in Engineering and Technology</i> , Volume: 02 Issue: 09, e-ISSN: 2319-1163, Print ISSN: 2321-7308	September 2013
10	Analyzation and Extraction of Knowledge through Model Evaluation Techniques in SPI	<i>International Journal of Application or Innovation in Engineering and Management</i> , Volume 2, Issue 2, ISSN: 2278-7844	
11	Software Security Risk Mitigation With Historical Information	<i>International Journal of Application or Innovation in Engineering and Management</i> , Volume 1, Issue 2, ISSN 2319-4847	October 2012
12	A Genetic Algorithmic approach to the Identification of the crucial Human factors	<i>International Journal of Emerging Trends and</i>	August 2012

	involved in the development of Secure Software	<i>Technology in Computer science, Volume 1, Issue2, ISSN 2278-6856</i>	
13	Security Assurance-Value Addition Provided by Tools	<i>International Journal of Software Engineering Research and Practice, Volume 1, Issue 4, (Print-ISSN: 2231-2048 e-ISSN: 2231-0320,</i>	<i>October-2011</i>
14	The Applicability of Existing Metrics for Software Security	<i>International Journal of Computer Application, Vol. 2 (8) , (0975-8887),</i>	<i>October 2010</i>
15	A Strategic Approach for Risk analysis of production software Systems	<i>International Journal of Computer Applications ,Volume 10– No.2, (0975 – 8887)</i>	<i>November 2010</i>
16	A Checklist Based Framework for software Security Risk Management	<i>International Journal of Computer Technology Application, Vol 2 (2), 304-308,ISSN-2229-6093</i>	2010

**Conference Publications:**

<b>National / International</b>	<b>Topic</b>	<b>Conference</b>	<b>Year of Publication</b>
1	Student Buspass Tracking System Using RFID Technology In Cloud Computing	<i>Proc. of International Conference on Advances in Applied Engineering and Technology Organized by Syed Ammal Engineering College, Ramanathapuram</i>	<i>May 14-16, 2015</i>
2	Automated Tollgate Paying System with RFID using Cloud Computing	<i>Proc. of International Conference on Advances in Applied Engineering and Technology, Organized by Syed Ammal Engineering College, Ramanathapuram</i>	<i>May 14-16, 2015</i>

3	Handovers in WiMAX Technology”,	Proc. of International Conference on Information Communication & Embedded Systems (ICICES 2014), ISBN No.978-1-4799-3834-6/14/\$31.00©2014 IEEE , Organized by S.A Engineering College	Feb 27 & 28 ,2014
4	An Integration of Wireless sensor Network through Wi-Max for Agriculture Monitoring	Proc. of International Conference on Computer Communication and Informatics(ICCCI-2014,Coimbatore,India)	Jan 03-05 ,2014
5	TheNext Generation :WIMAX Technology	”,Proc.Of Contemporary Developments in Information and Communication Technologies-CDICT 2014,School of Information Techology,Madurai Kamaraj University,Madurai	23,24 Jan 2014
6	Smart Grids with WiMAX Technology by using Re-authentication	Proc. of Second International Conference on Computing, Communication and Sensor Network,CCSN-2013,Vol 4,Issue-1 ,pp,129-131	Nov 2013
7	Automated and Secure Configuration in Enterprise	Proc. of National Conference on	29 &30 August

	N/W using IPV6”,	<i>Computing Concepts in Current Trends NC4T'13,Organized by Sathyabama University,Chennai</i>	2013
8	A Genetic Algorithmic Model for Software Security Classification	<i>Proc .of Global Engineering Science and Technology Conference, Bay View Hotel ,Singapore ISBN:978-1- 922069-32-0</i>	3-4 October 2013
9	Smart Grids with WiMAX Technology by using Reauthentication Protocols inMITM) Attack	<i>Proc . of International Conference on Mathematical Computer Engineering ICMCE-2013,ISBN 978-93-82338-90-1 ,,PP(1154-1156),</i>	Nov 2013
10	Efficient Security Framework for Cloud Data Storage System	<i>Proc. of International Conference on Computational Intelligence &amp; Advanced Manufacturing Research,ICCIAMR 2013, Vel University,Chennai</i>	5th April 2013
11	Secure Communication Using Quantum Protocol	<i>Proc .of Second International Conference on Intelligent Science and Technology ,Sun College of Engineering and Technology IIST</i>	2010
12	Dumping Buffer Overflow Attack Using Tools,	<i>Proc . of International Conference on Computing Technologies , Mepco Schlenk Engineering College , Sivakasi</i>	April 2010.

**WORKSHOPS/SEMINARS/WEBINARS:**

<b>Particulars</b>	<b>Title</b>	<b>Date</b>	<b>Venue</b>
	Two day Workshop on Application Development using ANDROID		<i>Velammal College of Engineering and Technology, Madurai.</i>
	Cloud Computing		<i>Kalasalingam University under aegis of IBM India Pvt.Ltd.</i>
Attended	Artificial Intelligence & Cryptography and Network Security		<i>Sethu Institute of Technology.</i>
	FOSS Web development Engineer Certification Examination”		<i>Velammal College of Engineering &amp; Technology, Madurai.</i>
	One Day Workshop on Digital Image Processing: A Matlab Perspective		<i>Sri Vidya College of Engineering &amp; Technology, Virudhunagar.</i>
	National seminar on Knowledge Discovery-Best Practices with WEKA .		<i>Velammal College Of Engineering and Technology, Madurai.</i>
	Orientation Programme on Software Project Management		<i>Velammal College Of Engineering and Technology, Madurai</i>
Attended	National seminar on Research Methodologies in Next Generation Wireless Network using OPNET		<i>Sri Sairam Engineering College</i>

	National Level Seminar on Sustainable E & I waste Management	<i>Velammal College Of Engineering and Technology, Madurai</i>
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**FDP/FEP:**

<b>Particulars</b>	<b>Title</b>	<b>Date</b>	<b>Venue</b>
Attended	Emerging Challenges & Research Opportunities in Cloud Computing	<i>13<sup>th</sup> -14<sup>th</sup> August 2013.</i>	<i>K.L.N College of Engineering</i>
	Faculty Development Programme On Web Based Application		<i>Anna University, Madurai</i>
	Faculty Development Programme On Dot Net		<i>Thiagarajar School Of Management.</i>
	Faculty Development Programme On Research Directions in Data Mining		<i>Thiagarajar School Of Management.</i>
	Two Day Faculty Development Programme on Corporate Communication & Organisational Dynamics.		<i>Velammal College of Engineering and Technology, Madurai</i>
	One Day Faculty Development Programme on Team Building and Leadership		<i>Tata Consultancy Services held at Velammal College of Engineering and Technology, Madurai</i>
	One Day Faculty Development Programme in Recent Trends in Software Quality Management & Network Administration		<i>Latha Mathavan Engineering College.</i>



**COURSE HANDLING AT SRIT**

Semester	Department	Year	Course Name	Result in %
07	Computer Science and Engineering	2017	Cryptography and Network Security	-

**LABORATORIES HANDLED AT SRIT**

Semester	Department	Year	Laboratory Name	Result in %
07	Computer Science and Engineering	2017	Security Laboratory	-
04	Computer Science and Engineering	2017	DBMS Laboratory	
01	Computer Science and Engineering	2017	Computer Practice Labortory	

**MY STRENGTH:**

1. Creating a positive learning environment,
2. Demonstrating professionalism,
3. Displaying scholarly traits, and being supportive.

**MY WEAKNESS:**

1. Trust people very easily.

**Signature of the faculty with date**