

## **BIO DATA**

### **Personal Details**

Name : **S.S.THAMILSELVI**

Designation : Associate Professor

Date of Joining the present post : 01/06/2012

Nature of Association : Regular

Email : **sstamilselvi@ksrct.ac.in**



### **Academic Profile**

<b>S.No</b>	<b>Qualification</b>	<b>Institution</b>	<b>Board / University</b>	<b>Full Time/ Part Time</b>	<b>Percentage / CGPA</b>	<b>Year of passing</b>	<b>Class Obtained</b>
1.	M.E(A.E)	K.S.Rangasamy College of Technology Tiruchengode.	Anna University, Chennai	Full Time	81%	2004	First class (Dist.)
2.	B.E(ECE)	Kumaraguru College of Technology Coimbatore	Bharathiyar University, CBE	Full Time	73%	1997	First class
3.	HSC	Govt. Girls High. Sec. School, Tiruchengode.	State Board	Full Time	88%	1991	First class
4.	SSLC	Govt. Girls High. Sec. School, Perundurai	State Board	Full Time	95%	1993	First class

### Employment details with Experience:

S.No.	ORGANIZATION	DESIGNATION	PERIOD		YEAR OF EXPERIENCE
			FROM	TO	
1.	K.S.Rangasamy College of Technology, Tiruchengode.	Associate Professor	01/06/2012	-	7.3
2.		Assistant Professor	1/06/2006	31/05/2012	6
3.		Senior Lecturer	01/06/2004	31/05/2006	2
4.		Lecturer	14/11/1997	31/03/2002	4.4
<b>Total</b>					19.7

### List of Publications

INTERNATIONAL JOURNALS	
1.	Savitha.M, Sowmiya.K, Swetha.S, <b>S.S.Thamilselvi</b> , “Secured Monitoring and Tracking of Patient Health Using IOT”, International Journal for on Trends in Engineering & Technology, Vol.27, Issue 1, March 2018, Page no.33-37 –ISSN: 2349 -9303.
2.	Sudhalavanya.T, <b>S.S.Thamilselvi</b> ,”Recent Survey in Segmentation and Classification of Gastroenterology Images”, International journal of Inventions in Computer Science and Engineering, Vol.2, Issue.4, Apr 2015, Page no.95.
3.	Anu prabha .R, <b>S.S.Thamilselvi</b> ,”Automatic Segmentation of Coronary Artery and Abnormality Detection in Angiographic Images” Proceedings of International Journal of Innovative Research in Science ,Engineering and Technology, Vol. 3,special issue 1, Feb 2014.
National & International Conference	
1	S.S.Thamilselvi, Abinaya Selvi.R, Abhuthahir.S, Aiswarya.S ,Bharani Dharan.N “A Smart Electricity Monitoring and Reporting using IOTI”, National Conference on Recent Advancement and Effectual Researches in Electrical Engineering -NCRAEREE ’17 Page no. 24.

2	Ramji.P, S.S.Thamilselvi, “Implementation of High Traffic Secure System With Intensity Control”, 4 <sup>th</sup> International conference on Trends in Technology and Engineering -ICTTE ’17.
3	Umashankar subramani, S.S.Thamilselvi, “Automatic Segmentation of Abnormalities in MR Brain Images”, International Conference on Innovations in Information Embedded and Communication Systems-2014, 2014, Page no.65.
4	S.Savitha, S.S.Thamilselvi, “Contrast Improvement of Mammograms using Various Enhancement Techniques for Detecting Breast Cancer”, IEEE sponsored 3 <sup>rd</sup> International conference on Electronics and Communication Systems, Vol.4, Feb 2016, Page no.2004-2008.
5	K.Kiruthiga, S.S.Thamilselvi, “Reduction of Synchronization Latency using speculative techniques”, IEEE sponsored 2 <sup>nd</sup> International conference on Innovations in Information Embedded and Communication Systems, Vol.4, March 2015.
6	Sudhalavanya.T, S.S.Thamilselvi ,”Segmentation of Gastroenterology Images using Normalized Cuts”, IEEE International conference on Engineering and Technology(ICETECH)” 20 <sup>th</sup> March2015,Page no.670.
7	Umashankar subramani, S.S.Thamilselvi, “Automatic Segmentation and classification of Abnormalities in MR Brain Images”, 8 <sup>th</sup> International conference on Science Engineering and Technology 2014.
8	Anu prabha .R, S.S.Thamilselvi ,”Automatic Segmentation and classification of Angiographic Images” 3 <sup>rd</sup> IEEE International conference on Communication and Signal Processing”, Page no.772, Apr 3-5,2014.
9	L.Aruna, S.S.Thamilselvi, “Contrast Enhancement for Emissive Display using Histogram Equalization”, Proceedings of the International Conference on Innovation in Communication, Information and Computing, Jan 2013.
10	Abhipriya, N.Amala, V.Bharkavi, C.Padmagowri, S.S.Thamilselvi, “Finger Vein Authentication System using Principal Component Analysis”, Proceedings of the 2 <sup>nd</sup> National Conference on Advanced Embedded System and Signal Processing, March 2013. ISBN: 978-0-9888-4214-4

**List of Workshops / Seminar / STTP/FDPs Organized**

Sl. No.	Title	Venue	Duration	Sponsoring Authority
<b>Workshop/Seminar</b>				

1	Deep Learning Challenges in Big Data Analytics	K.S.Rangasamy College of Technology	10.08.2017 & 11.08.2017	SERB
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### **List of Workshops / Seminar / STTB/FDPs Attended**

Sl. No.	Title	Venue	Duration	Sponsoring Authority
<b>Workshop/Seminar</b>				
1	Big Data Processing using Machine Learning Techniques	SNS College of Technology	23.09.2015	-
2	Pedagogy for Effective use of ICT in Engineering Education	K.S.Rangasamy College of Technology	5.01/2015 to 31.01.2015	IIT Bombay
3	CMOS, Mixed Signal and Radio frequency VLSI Design	K.S.Rangasamy College of Technology	30.01/2017 to 4.02.2017	IIT Kharagpur
4	Antenna Design and Simulation using ANSYS HFSS	K.S.Rangasamy College of Technology	6.03.2017	-
5	Differential Amplifiers- Analog Electronic Circuits	K.S.Rangasamy College of Technology	January – April 2017.	QEEE, IIT Madras
6	Deep Learning: Smart Tool for Big Data Challenge in Health Care	K.S.Rangasamy College of Technology	22.07.2017 & 23.07.2019	KSRCT -IEEE EMBS
7	NBA accreditation	K.S.Rangasamy College of Technology	22.04.2019 & 26.04.2019	NITTTR Kolkata
8	Workshop on SCILAB	K.S.Rangasamy College of Technology	4.05.2019	IIT Bombay
<b>Faculty Development Programme</b>				
1	Optical communication and Networks.	Dhirajlal Gandhi College of Technology	23.06.2014 to 29.06.2014	Anna University

### **Details of Membership In Professional Societies**

S. No.	Name of Professional Body	Grade of Membership	Membership No.
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1	ISTE	Life Member	Life Member: LM 42847
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**(S.S.THAMILSELVI)**