

## BIO DATA

### Personal Details

Name : VANITHA K  
Designation : Associate Professor  
Date of Joining : 03.06.2008  
Nature of Association : Regular  
Email : vanitha@ksrct.ac.in



### Academic Profile

S.No	Qualification	Institution	Board / University	Full Time/Part Time	Percentage / CGPA	Year of passing	Class Obtained
1.	Ph.D (Information and Communication)	-	Anna University, Chennai	Part Time	-	Jan 2018- (provisionally registered)	-
2.	M.E (VLSI Design)	K.S.Rangasamy College of Technology (Autonomous) Tiruchengode	Anna University, Coimbatore	Full time	8.86	2010	First class with Distinction
3.	B.E (Electronics and Communication Engineering)	PET Engineering College, Tirunelveli	Manonmaniam Sundaranar University	Full time	70.4%	2003	First class
4.	HSC (Science, Maths)	Kasthuribai Girls Higher Secondary School	State Board	Full time	82 %	1999	-
5.	S.S.L.C (Science, Maths, Social Science)	Kasthuribai Girls Higher Secondary School,	State Board	Full time	84%	1997	-

### Employment details with Experience:

S.No.	ORGANIZATION	DESIGNATION	PERIOD		YEAR OF EXPERIENCE
			FROM	TO	
1.	K.S. Rangasamy College of Technology,	Associate professor	01.06.2016	Till Date	3.3 years

	Tiruchengode.				
2.	K.S. Rangasamy College of Technology, Tiruchengode.	Assistant professor	03.06.2008	31.5.2016	6 years
3.	NANDHA Engg. College, Erode.	Lecturer	14.06.2006	31.05.2008	1.11 years
4.	PSR Engg. College, Sivakasi.	Lecturer	02.08.2004	31.01.2006	1.6 years
Total					12 years 8 Months

### List of Publications

#### **INTERNATIONAL JOURNALS**

1. Arulbalagi P, Vanitha K, 'Low Power High Speed Two's Complement Multiplier', International Journal of P2P Network Trends and Technology (IJPTT) - Volume 3 Issue- May 2013.
2. Mohanapriya M, Nivetha S, Poornima T, Shajili S, Mrs.K.Vanitha, 'Medical Database Management Using Cloud Computing', International Journal of Science And Innovative Engineering & Technology (IJSIET), Volume 2, May 2018, ISBN No. 978-81-923607-3-7.

#### **National & International Conference**

1. K.Vanitha, C.Rajasekaran, 'Low Power Multiplier Based on Shift and Add Architecture using Ring Counter', Proceedings of 3<sup>rd</sup> National Conference on Electrical and Instrumentation Systems NCESIS'10, Government College of Technology, Coimbatore, 19<sup>th</sup> March 2010.
2. K.Vanitha, C. Rajasekaran, 'Low Power Multiplier Based on Shift and Add Architecture using Ring Counter', Proceedings of International Conference on Computational Systems and Communication Technology, Einstein College of Engineering, Tirunelveli, 5<sup>th</sup> May 2010.
3. Sreenath G, Vanitha.K, 'A 16 Bit ROM- Based Low Power Multiplier', International Conference on Emerging Trends in Communication (ICETC12), 8<sup>th</sup> And 9<sup>th</sup> March 2012.
4. Vanitha K, Gopinath A, Gowtham Rajagopal, Malarkhodi M and Mythili D, 'High Tech Low Cost Automated Vehicle for Physically Challenged', National Conference on New Horizons in Communication Engineering, March 2012.
5. Arulbalaji P, Vanitha K, 'Low Power High Speed Two's Complement Multiplier', Proceedings of International Conference on Innovation in Communication, Information and Computing, PP.285, January 2013
6. Jayaraman D, Vanitha K, 'Sign language Recognition System by Using MEMS Sensors', National Conference on Innovation in Computing Techniques (NCICT 2014).
7. Jayaraman D, Vanitha K, 'Non Specific-User Hand Gesture Recognition by Using MEMS Accelerometer', International Conference on Information Communication and Embedded System (ICICES 2014).
8. Vanitha K, Sowmiya, 'High Speed Low Energy CAM Design using Reordered Overlapping', 2015 IEEE international conference on Engineering and Technology (ICEECH), 20<sup>th</sup> March 2015.
9. Vanitha K, Sowmiya, 'A reordered Low Power Self-Timed TCAM With PAI-SIGMA Matchlines', International Conference on Advances in Computing, Control, Communication, Automation and Structural Engineering, 10-11 April 2015.

10. Vanitha.K, 'Medical Database Management Using Cloud Computing', International conference on Engineering and Advancement in Technology, 22<sup>nd</sup> and 23<sup>rd</sup>, March 2018.
11. K.Vanitha, Jeeva.S, Nandine.K.T, Nihal.M.A, Monisha.K, 'Analysis and Detection of Bone Tumor in MRI Images using Machine Learning', International conference on Recent Innovations in Engineering, Technology and Management (ICRIETM-2019), 22<sup>nd</sup> March 2019.

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

Sl. No.	Title	Venue	Duration	Sponsoring Authority
<b>Workshop/Seminar</b>				
1.	One of the co-coordinators in one day workshop on 'Transforms: Continuous, Discrete and Applications'	K.S.Rangasamy of Technology	12 <sup>th</sup> September, 2012	-

**List of Workshops / Seminar / STTB/FDPs Attended**

Sl. No.	Title	Venue	Duration	Sponsoring Authority
1.	National seminar on 'Research Issues and Challenges in Medical Imaging'	PSNA College of Engineering and Technology	21-22 July 2011	-
2.	One day workshop on 'Tanner Tools Pro'	K.S.Rangasamy College of Technology	9.8.2008	-
3.	Two-week ISTE workshop on 'Analog Electronics'	K.S.Rangasamy College of Technology	4-14 June 2013	MHRD
4.	Two-week Workshop on 'Computer Networking'	K.S.Rangasamy College of Technology	May 28-July 5, 2014	MHRD
5.	Faculty Empowerment workshop on 'Linear Integrated circuits and Laboratory'	K.S.R Institute of Engineering and Technology	9-13 <sup>th</sup> December 2014	EQIP Foundation
6.	Two-week ISTE STTP on 'Pedagogy for effective use of ICT in Engineering Education'	K.S.Rangasamy College of Technology	5-31 January 2015	MHRD
7.	Seminar on 'Cognitive Satellite Geodesy Image Processing and Remote Sensing'	K.S.Rangasamy College of Technology	23 <sup>rd</sup> and 24 <sup>th</sup> , June 2017	MoES
8.	Seminar on 'Deep Learning: Smart Tool For Big Data Challenge in Health Care'	K.S.Rangasamy College of Technology	22 <sup>nd</sup> and 23 <sup>rd</sup> , July 2017	ICMR
9.	Six days International workshop on 'Machine Learning: Insights and Applications'	Vidhyavardhaka College of Engineering	25 <sup>th</sup> to 30 <sup>th</sup> July 2018	-
10.	STTP through ICT mode on 'NBA Accreditation'	K.S.Rangasamy College of Technology	22 <sup>nd</sup> to 26 <sup>th</sup> April 2019	MHRD
11.	FDP on 'Statistics and Data analysis for Engineers and Researchers'	NIT, Warangal	27 <sup>th</sup> May to 1 <sup>st</sup> June 2019	Electronics and ICT Academy

**Details of Membership In Professional Societies**

S. No.	Name of Professional Body	Grade of Membership	Membership No.
1	ISTE	Life Member	<b>LM 58454</b>
2	IETE	Life Member	<b>AM 217727</b>

**Vanitha.K**