

BIO DATA

Personal Details

Name : **R RAMYA**

Designation : Assistant Professor

Date of Joining : 01.06.2012

Nature of Association : Regular

Email : rramya@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	K.S.Rangasamy College of Technology (Autonomous) Tiruchengode	Anna University, Chennai	Part Time	-	Pursuing	-
2.	M.E	K.S.Rangasamy College of Technology (Autonomous) Tiruchengode.	Anna University, Coimbatore	Full Time	8.1	2012	First class
3.	B.E	K.S.R College of Engineering Tiruchengode.	Anna University Chennai	Full Time	76	2010	First class
4.	HSC	Govt. Girls High. Sec. School, Perundurai	State Board	Full Time	83.7	2005	-
5.	SSLC	Govt. Girls High. Sec. School, Perundurai	State Board	Full Time	93.8	2003	-

Employment details with Experience:

S.No.	ORGANIZATION	DESIGNATION	PERIOD		YEAR OF EXPERIENCE
			FROM	TO	
1.	K.S.Rangasamy College of Technology, Tiruchengode.	Assistant Professor	01.06.2012	Till Date	7.2 years

Funds Received

1. Received Rs.50,000 from ICMR, towards Two Days National Seminar on “**Clinical Application of Emerging Sensor Technologies in Diabetes Management**” on October 04th & 05th, 2017.
2. Received Rs.40,000 from ICMR, towards National Conference on “**Emerging Trends in Bioelectronics, Information and Communication Technologies**” on 12th April, 2017.
3. Received Rs.40,000 from ICMR, towards Two Days National Seminar on “**Smart Health Care Monitoring System using IoT**” on September 22nd & 23rd, 2016

List of Publications

INTERNATIONAL JOURNALS	
1.	Ramya.R, Gokilalakshmi.S.B, Monika.N, “Applications of different Techniques in Agricultural System: A Review” International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, Volume 6, Issue 3, March 2019 S.No:861.
2.	R.Ramya, M.Babykala, Dr.P.Kumar, “A Review of Different Classification Techniques in Machine Learning Using Weka For Plant Disease Détection” International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, Volume: 05 Issue: 05 May-2018.
3.	R.Ramya, L.Sangeetha, Sangeetha.J, “Analysis of Fruit Infection Detection Using Image Processing and Cloud Computing” International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), ISSN (Online): 2320-9801, Vol. 6, Issue 2, February 2018.
4.	R.Ramya, Ayswarya.R, ” Weed Détection in Agriculture Using Image Processing,” International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 6, Issue 3, March 2017. ISSN 2320- 3765. Page no: 1698-1703.

5.	R.Ramya , Mercy. M, Sandhiya.R, Sushmitha.V, Threkashri.P “RFID Based Smart Card Using One Time Password Request” International Journal of Innovative Science and Applied Engineering Research (IJSAER) ISSN: 2349-9389 Special Issue, Proceedings of ETBICT – 2017.
6.	R.Ramya , Saraswathy C, Y.Vivekananth “ Motion Estimation Based on Noise Reduction in Color Video Using LMMSE and Anisotropic Diffusion Filtering ”. International Journal of Electrical and Electronics Engineering Research (IJEEER) ISSN(P): 2250- 155X; ISSN(E): 2278-943X Vol. 5, Issue 1, Feb 2015, 87-94 TJPRC Pvt. Ltd.
7.	N. Vijayakumar, R. Ramya , “ The Real Time Monitoring of Water Quality in IoT Environment ”.International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064 Index Copernicus Value (2013): 6.14 Impact Factor (2013): 4.438 , Volume 4 Issue 3, March 2015.
8.	Kasthuri.P, R.Ramya , “Surrogate Power Generation and Emergency System Using Gps in Automobiles” International Journal of Electronics and communication Engineering, special issue-2015.ISSN 2348-8549.
9.	R.Ramya , V.Saranya1, Y.Vivekananth, “ High Performance and Low Power VLSI Synchronous Systems Using an Explicit Pulsed Dual Edge Triggered Flip Flops ”. International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (ISSN (Print) : 2320 -3765,ISSN (Online): 2278 -8875)An ISO 3297: 2007 Certified Organization) Vol. 3, Issue 10, October 2014
10.	R.Ramya , G. Gokulashree, “ FPGA - Based Evaluation of Power Analysis Attacks and it’s Countermeasures on Asynchronous S-Box ”. International Journal of Advanced Computer Research (ISSN (print): 2249-7277 ISSN (online): 2277-7970) Volume-3 Number-4 Issue-13 December-2013.
11.	R. Ramya and K.B. Jayanthi, “ Image Segmentation by Graph Cuts via Energy Minimization ” IJDW Volume 4 , Number 1 ,January-June 2012 ,pp. 41-44.
National & International Conference	
1	Ramya.R , Gokilalakshmi.S.B, Monika.N, “ Smart Agriculture Monitoring and Fertilizer Injection Using AoT with Big Data Analytics ” IEEE Fifth International Conference on Science, Technology, Engineering and Mathematics (ICONSTEM 2019).
2	R.Ramya , M.Babykala, Dr.P.Kumar, “ A Review of Different Classification Techniques in Machine Learning Using Weka For Plant Disease Detection ”,61st, International Conference on India, Organized by International Organization of Scientific Research and Development (IOSRD), 01 & 02 June 2018.
3	R.Ramya , L.Sangeetha, Sangeetha.J, “ Analysis of Fruit Infection Détection Using Image Processing and Cloud Computing ”, IEEE International Conference on Current Trends toward Converging Technologies, 414-420, March 2018.
4	R.Ramya , Ayswarya.R “ Weed Detection in Agriculture Using Image Processing, ” International conference on Advances in Science, Engineering and Management, March 30&31,2017.

5	R.Ramya , M.Indhumathi, “ Solar Powered Automatic Irrigation System Based on Soil Moisture ”,2nd International conference on modeling simulation and control (ICMSC - 2017).596-602, vol.1.
6	N. Vijayakumar1, R. Ramya , “ The Real Time Monitoring of Water Quality in IoT Environnement ”. International Conference on Circuit, Power and Computing Technologies [ICCPCT] 2015.
7	Kasthuri.P, R.Ramya , “ Surrogate Power Generation And Emergency System Using GPS In Automobiles ” National Conference on RACCESS 2015 in Bharathiyar Institute of Engineering for Women, Thalaivasal.
8	R Ramya , G. Gokulashree, “ FPGA - Based Evaluation of Power Analysis Attacks and Its Countermeasures on Asynchronous S-Box ”. International Conference on Electronics and Communication Systems (ICECS), 2014. The conference proceeding is published by IEEE-Explore.
9	R.Ramya , K.B.Jayanthi, “ Multiregion Image Segmentation by Graph Cuts for Brain Tumour Segmentation ” in International Conference on Advances in Communication, Network and Computing (CNC-2012), organized by the ACEEE held on 25.2.2012 at Chennai. The conference proceeding is published by Springer-LNICST”.
10	R.Ramya , Dr.K.B.Jayanthi,“ Automatic Image Segmentation by Graph Cuts for Bio-medical Applications ” in IEEE International Conference on Advances in Engineering, Science and Management (IEEE-ICAESM 2012) at EGS Pillay Engineering College, Nagapattinam. The conference proceeding is published by IEEE-Explore.
11	R.Ramya , Dr.K.B.Jayanthi,“ Image Segmentation by Graph Cuts via Energy Minimization ” in International Conference on Molecular Medicine (MOLMED 2012) at VIT University, Vellore.
12	R.Ramya , M.Tamilarasi,“ Control of Boiler Operation by using PLC with SCADA ” in National Level Conference (NCAC^3S2010) Vivekananda college of Engineering for women, Tiruchengode.

List of Workshops / Seminar / STTP/EDPs Organized

Sl. No.	Title	Venue	Duration	Sponsoring Authority
Workshop/Seminar				
1	National Conference on “Emerging Trends in Communication and Information Technology (ETCIT-19)”	K.S.Rangasamy College of Technology	26 th February 2019	-
2	National Conference on “Emerging Trends in Communication and Information Technology (ETCIT-18)”	K.S.Rangasamy College of Technology	27 th March 2018	-

3	Two Days National Seminar on “Clinical Application of Emerging Sensor Technologies in Diabetes Management”	K.S.Rangasamy College of Technology	04 th & 05 th October 2017	ICMR
4	National Conference on “Emerging Trends in Bioelectronics, Information and Communication Technologies”	K.S.Rangasamy College of Technology	12 th April 2017	ICMR
5	National Seminar on “Smart Health Care Monitoring System using IoT”	K.S.Rangasamy College of Technology	22 nd & 23 rd September 2016	ICMR
6	National Conference on “Emerging Trends in Communication and Information Technology (ETCIT-16)”	K.S.Rangasamy College of Technology	22 nd April 2016	-
7	National Workshop on “FPGA Based VLSI Design Using XILINX ISE”	K.S.Rangasamy College of Technology	19 th September 2015	-

List of Workshops / Seminar / STTB/FDPs Attended

Sl. No.	Title	Venue	Duration	Sponsoring Authority
Workshop/Seminar				
1	Machine Learning in Bioinformatics	KGILS, Coimbatore	19 th & 20 th September 2017	ICMR
2	STTP on “CMOS, Mixed signal and Radio frequency VLSI design” by Indian Institute of Technology Kharagpur	K.S.Rangasamy College of Technology, Tiruchengode	30 th January – 04 th February 2017	ISTE
3	Cryptography and Network Security	Karpagam college of Engineering, Coimbatore	01 st & 03 rd February 2017	-
4	VLSI system design using VIVADO & HLS	Sri Ramakrishna Engineering College, Coimbatore	08 th & 09 th September 2015	-

5	Digital Signal And Image Processing Using MATLAB and Lab VIEW	Kongu Engineering College, Erode	19 th & 22 nd May 2015	-
6	FPGA Programmable SoC for Electrical Control Systems	Sona College of Technology, Salem	05 th December 2014	-
7	Simulation & Analysis of Electronics Circuits Using PSPICE	VIT, Vellore	13 th April 2014	-
8	Modern Controls in Process Industries	K.S.Rangasamy College of Technology , Tiruchengode	18 th March 2013	-
9	Frontend and Backend ASIC Design Using SYNOPSIS EDA Tools	K.S.Rangasamy College of Technology , Tiruchengode	01 st & 02 nd March 2013	-
10	Mixed Signal Design For CMOS VLSI Systems”	Kongu Engineering College, Erode	16 th February 2013	-
11	MATLAB and Its Applications in Engineering - Hands on Training	Sasurie College of Engineering, Erode	15 th March 2012	-
12	MATLAB Programming	Kongu Engineering College, Erode	25 th & 26 th August 2011	-
Faculty Development Programme				
1	Machine Learning, ML	-	January-April 2019	NPTEL – AICTE
2	DP on “Pedagogy for online and Blended Training-Learning process” (FDP201x) by Indian Institute of Technology Bombay	K.S.Rangasamy College of Technology	25 th October – 29 th November 2018	IITB
3	FDP on “Foundation Programme for ICT in Education” (FDP101x) by Indian Institute of Technology Bombay	K.S.Rangasamy College of Technology	13 th September – 18 th October 2018	IITB
4	Introduction to Machine Learning	-	July-October 2018	NPTEL – AICTE
5	Free / Open Source Software for AI and Machine Learning	Thiagarajar College of Engineering, Madurai	01 st & 06 th October 2018	TEQIP -III

6	Internet of Things	PSG Technology, Coimbatore	02 nd & 04 th June 2016	TEQIP-II
7	Solid State Device Modeling and Simulation	Anna University Regional Centre, Coimbatore	18 th & 19 th October 2014	-
8	VLSI Design & Laboratory	KSR Institute for Engineering and Technology, Tiruchengode.	09 th & 13 th December 2014	EQUIP
9	Recent Advances in Pattern Recognition-Artificial Intelligence Models and Analysis in Biometrics	K.S.Rangasamy College of Technology Tiruchengode	25 th March - 06 th April 2013	AICTE

Details of Membership In Professional Societies

S. No.	Name of Professional Body	Grade of Membership	Membership No.
1	ISTE	Life Member	Life Member: LM 85109

(R.RAMYA)