

BIO DATA

Personal Details

Name : **K. RAGUVARAN**
Designation : Assistant Professor
Date of Joining : 06.05.2015
Nature of Association : Regular
Email : raguvaran@ksrct.ac.in



Academic Profile

S.No	Qualification	Institution	Board / University	Full Time/Part Time	Percentage / CGPA	Year of passing	Class Obtained
1	PG (M.E)- Embedded System Technologies	K.S.R College of Engineering	Autonomous, Affiliated to Anna University	Full time	8.66 CGPA	May 2015	First Class
2	UG (B.E)- Electronics and Communication Engineering	K.S.Rangasamy College of Technology	Autonomous, Affiliated to Anna University	Full time	8.04 CGPA	April 2013	First Class
3	Diploma- Electronics and Communication Engineering	K.S.Rangasamy Institute of Technology	Department of Technical Education (DOTE)	Full time	91.71%	April 2010	First Class
4	SSLC	Private	State Board	Full time	55%	2007	--

Employment details with Experience

S.No	Organization	Designation	Period		Year of Experience
			From	To	
1	K.S.Rangasamy College of Technology	Assistant Professor	06-05-2015	Till date	4.2

INTERNATIONAL JOURNALS	
1	Srinivasan S, Sathish Kumar M, Vigneshwaran V, Sangavi G, Savitha M and Raguvaran K, "Atmospheric weather monitoring using parachute satellite-cansat", International journal of innovative research in technology, science & engineering, ISSN: 2395-5619, Vol – 4, pp. 9-13, 2018
2	Raguvaran. K, J. Thiyagarajan, M.Senthilkumar, "Raspberry pi based global industrial process monitoring through wireless communication", International journal of applied engineering research, ISSN 0973-4562, Vol. 10 No.5, pp. 4710-4715, 2015
National & International Conference	
1	Rajasekaran C and Raguvaran K, "Microcontroller Based Reconfigurable IoT Node", International Conference on Frontiers of Signal Processing, IEEE, pp. 12-16, 2018
2	S. Sesha Ganesh, K. Siva Subramaniam, M. Siva Priya, S. Sri Nandhini and K. Raguvaran, "IoT based electrical load monitoring system", International conference advanced engineering and technology for sustainable development, pp. 515-519, 2017
3	Raguvaran. K and Thiyagarajan J, "Raspberry pi based global industrial process monitoring through wireless communication", International conference on robotics, automation, control and embedded systems, IEEE, ISBN: 978-81-925974-3-0, pp. 1-6, 2015

List of Workshops / Seminar / STTP/FDPs Organized

Sl. No.	Title	Venue	Duration	Sponsoring Authority
Workshop/Seminar				
1	Arduino based system design	K S Rangasamy College of Technology, Tiruchengode	01, September 2017	IEEE

List of Workshops / Seminar / STTB/FDPs Attended

Sl. No.	Title	Venue	Duration	Sponsoring Authority
Workshop/Seminar				
1	Intellectual Property Rights	K.S.Rangasamy College of Technology	06-08-2016	K.S.Rangasamy College of Technology
Faculty Development Programme				
Sl. No.	Title	Venue	Duration	Sponsoring Authority
1	Interdisciplinary Outlook in Engineering Sciences	Dept. of ECE, Vidyavardhaka College of Engineering, Mysuru, Karnataka	21-01-2019 to 25-01-2019	Dept. of ECE, Vidyavardhaka College of Engineering, Mysuru, Karnataka
2	Xilinx SoC: FPGA Based Design	National Institute of Technology, Tiruchirappalli	30-07-2018 to 03-08-2018	E & ICT Academy, IIT Guwahati.
3	MEMs-Based Sensors: Fabrication and Characterization Techniques	Centre for Continuing Education (CCE) of Indian Institute of Science (IISc), Bangalore.	12-02-2018 to 16-02-2018	Quality Improvement Program (QIP) of AICTE
4	Engineering Challenges for Smart and Digital India: Internet of Things (IoT) and Applications	Dept. of ECE, K.S.Rangasamy College of Technology	20-11-2017 to 01-12-2017	AICTE
5	Entrepreneurship	Technology Business Incubator (TBI), Kongu Engineering College, Perundurai.	13-11-2017 to 25-11-2017	NSTEDB / DST

INTELLECTUAL PROPERTY RIGHTS:

Type	Title	Name	IP Body	Application No.	Application Date	Status
Patent	Reconfigurable IoT Node Device	K. Raguvaran C. Rajasekaran K. B. Jayanthi N. V. Navin Sankar	Indian Patent - Intellectual Property India	201841021900 A	12/06/2018	Published - Official Journal of the Patent Office Issue No. 24/2018 Date: 15/06/2018

WORKSHOPS CONDUCTED IN OTHER INSTITUTIONS

S.No	Title	College	Date
1	Physical computing with Raspberry Pi and Python	Loyola – ICAM College of Engineering and Technology, Nungambakkam, Chennai - 600034	20-07-2018 to 21-07-2018
2	Introduction to Arduino platform and Interfacing with sensors modules		08-12-2017
3	Real time use of Arduino and Raspberry Pi		16-07-2017

K.Raguvaran