

BIO DATA

Personal Details

Name : **D. MUGILAN**
Designation : Assistant Professor
Email : mugilan@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	Anna University, Chennai	Part Time	-	Pursuing	-
2.	M.E (A.E)	Kongu Engineering College, Erode	Anna University, Coimbatore	Full Time	7.68	2009	First class
3.	B. E (ECE)	Erode Sengunthar Engineering College	Anna University Chennai	Full Time	69	2005	First class
4.	HSC	P D R Higher Secondary School, Pappireddipatti	State Board	Full Time	77	2001	First class
5.	SSLC	Govt. high School, Adikarapatti	State Board	Full Time	81	1999	First class

Employment details with Experience:

S.No.	ORGANIZATION	DESIGNATION	PERIOD		YEAR OF EXPERIENCE
			FROM	TO	
1	K S Rangasamy College of Technology	Assistant Professor	01.06.2010	Till Date	9.2 Years
2	Maharaja Engineering College	Lecturer	15.06.2009	31.05.2010	1 Year
Total					10.2 Years

List of Publications

INTERNATIONAL JOURNALS

1. Priyanka G, Sangeetha M and **Mugilan D**, 'Voice Controlled Home Appliances Using Embedded System', International Journal of Emerging Technology in Computer Science and Electronics, Vol. 30, Issue 6, 2017
2. Mukesh S and **Mugilan D**, 'Usability and Interoperability system for patient Telemonitoring using Arduino Technology', International Journal of Applied Engineering Research, pp. 29107- 29110, Vol. 10 No.38 ,2015, ISSN 0973-4562
3. Minu Mathew and **D Mugilan**, 'Modified Reconfigurable Router Architecture for Network On Chip', International Journal of Modern Trends in Engineering and Science, pp. 8-12, Vol. 1, 2014 (ISSN: 2348-3121)
4. Mythili R and **Mugilan D**, 'Optimization of task scheduling and memory partitioning for multiprocessor System on Chip', International Journal of Computer Trends and Technology, Vol. 4, Issue 5, May 2013, ISSN 2231-2803.
5. Kumuthini Angel and **Mugilan D**, 'Intraframe Encoder with high performance and reduced Power for high resolution video', International Journal of VLSI and Signal Processing Applications, Vol. 2, Issue 2, pp. 131-137, 2012 (ISSN:2231-3133)

National & International Conference

- 1 **Mugilan D**, Elavaran and Guhan, 'Artificial Intelligence based Home Automation', International Conference on Recent Advances in Engineering and Technology, February 2019.
- 2 Ragul Priya and **Mugilan D**, 'Spybot', International conference on Engineering and Advancement in Technology, March 2018.
- 3 Arunkumar V, Asma and **Mugilan D**, 'Vehicle License plate detection using Image Processing, National conference on Recent Advancement and Effectual Researches in Electrical Engineering, March 2017.
- 4 Gowthaman T V and **Mugilan D**, 'Elastic Buffer for Virtual Channels in Heterogeneous Switching Network on Chip', IEEE International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET), pp. 2100-2102, March 2016.
- 5 Mukesh M and **Mugilan D**, 'Usability and Interoperability System for Patient Telemonitoring using Arduino Technology', Proceedings of International Conference on Advances in Computing, Control, Communication, Automation and Structural Engineering, 2015
- 6 Minu Mathew and **Mugilan D**, 'Reconfigurable Router Design for Network – On – Chip', Proceedings of International Conference on Circuit, Power and Computing Technologies, 2014
- 7 Minu Mathew and **D Mugilan**, 'A Router Architecture in Network-On-Chip for efficient packet transmission', National Conference on New trends in electronics, computing and communication, 2014
- 8 Pratheeverajan P and **Mugilan D**, 'Testing methodology of minimizing N-Detect test set for sequence set for sequential circuits', International Conference on Advanced Computing, Machines and Embedded Technology, March 2013, ISBN 978-93-80757-74-2.

- 9 **D Mugilan**, Kumuthini angel, “HD video encoder with high performance and reduced power”, international conference on advances in electrical and electronics, information, communication and bioinformatics, Prathyusha institute of technology and management, 24th Jan2012.
- 10 **D Mugilan**, Mohamed Mustafa, “Morphological background detection and enhancement of images with poor lighting” in NCVCC 10 Maharaja engineering college on 12th march 2010.
- 11 **D Mugilan**, G Murugesan, “Optimization of buffer size in micro mobile MPLS”, optimization techniques in engineering sciences and technologies during 27-28 March 2009.

List of Workshops / Seminar / STTB/FDPs Attended

Sl. No.	Title	Venue	Duration (Days)
Workshop/Seminar			
1	Hyperspectral remote sensing and its applications	IIRS outreach programmes	26
2	National workshop on computer vision and image processing techniques	Amrita University, Coimbatore	3
3	Faculty Development Programme on Engineering challenges for smart and digital India: Internet of Things and Applications	K.S.Rangasamy College of Technology, Tiruchengode	12
4	National Seminar on Evolutionary Humanoid Robotics	Kongu Engineering College, Perundurai	2
5	Workshop on Video Analytics	National Institute of Technology, Trichy	2
6	TWO - WEEK ISTE Short Term Training Programme (STTP) on Pedagogy for Effective use of ICT in Engineering Education	K.S.Rangasamy College of Technology, Tiruchengode	20
7	Faculty Empowerment Workshop on Electron Devices	KSR Institute for Engineering and Technology, Tiruchengode	5
8	Faculty Empowerment Workshop on Microprocessors and Microcontrollers	KSR Institute for Engineering and Technology, Tiruchengode	5
9	Staff development programme on ‘Recent Advances in Pattern Recognition – Artificial Intelligent Models and Analysis in Biometrics’	K.S.Rangasamy College of Technology, Tiruchengode	12

10	International conference on nanomaterial and nanotechnology	K.S.Rangasamy College of Technology, Tiruchengode	5
11	Staff development programme on 'Pattern Recognition for medicine: A Knowledge Approach'	K.S.Rangasamy College of Technology, Tiruchengode	12
12	International conference on nanomaterial's and nanotechnology	K.S.Rangasamy College of Technology, Tiruchengode	4
13	Hands on training programme on Computational Tools for Engineering Applications	Kongu engineering college, Perundurai	2
14	Workshop on Microsystem Design and Manufacturing Using Intellisuite 8.2	Kongu engineering college, Perundurai	2

PROJECT PROPOSALS SUBMITTED:

S.No.	Academic Year	Agency	Title	Grant Requested	Status	Grant Received
1	2016-2017	Project Proposal Under Interdisciplinary Cyber Physical Systems (Icps) Scheme	Development of Internet of Things Based Agricultural Management System for Optimal Agricultural Working And Growing Conditions	2300000	Not Approved	Nil

Details of Membership In Professional Societies

S. No.	Name of Professional Body	Grade of Membership	Membership No.
1	ISTE	Life Member	LM 72787

(D Mugilan)