


FACULTY PROFILE

Name of Teaching Staff / RMK ID	Elwin Chandra Monie / T-0607			
Designation	Professor ECE, Dean Research			
Department	Electronics & Communication Engg.			
Date of Joining the Institution	12-3-2010			
Qualifications	BE ECE	ME Applied Electronics	PhD	
Total Experience	Overall : 40		in RMK : 12	
Papers Published in Journal	Overall : 11		After Joining RMK :1	
List of Papers Published	<ol style="list-style-type: none"> 1. Hardware architecture of reinforcement learning scheme for dynamic power management in embedded systems, VL Prabha, EC Monie EURASIP Journal on Embedded Systems 2007, 1-6 2. Adaptive lifting based image compression scheme for narrow band transmission system, K Nishat, Elwin, M, International Journal of Physical Sciences 4 (4), 194-204, 2009 3. Performance measure of different wavelets for a shuffled image compression scheme, TN Kanvel, EC Monie, International Journal of Computer Science and Network Security ,9 (3), 215-221,2009 4. Reinforcement temporal difference learning scheme for dynamic energy management in embedded systems, LP Viswanathan, EC Monie, 19th International Conference on VLSI Design, 2006 5. Adaptive structuring element in fuzzy morphology for automatic extraction of urban road network from high resolution aerial images S Letitia, N Kanvel, EC Monie, International Journal of Engineering Science and Technology 2 (9), 4182-4191, 2010 6. Road segmentation from satellite aerial images by means of adaptive neighborhood mathematical morphology, S Letitia, EC Monie 2008 International Conference on Computer and Communication Engineering, 427-432, 2008 7. An Efficient Adaptive Filtering for CFA Demosaicking, ECM Dev. R. Newlin, International Journal of Computer Science and Engineering 2 (4), 954-958, 2010. 			

8. Medical image fusion by PCA method and implementation on FPGA V Saravanan, G Babu, R Siva Kumar, EC Monie, Int J Emerg Trends Sci Technol 3 (05), 800-806, 2013
9. Dynamic power management in an embedded system for multiple service requests, LP Viswanathan, EC Monie, Journal of Circuits, Systems, and Computers 14 (05), 987-996, 2005
10. Dynamic Power Management in an Embedded System for Multiple Service Requests, ECM, Lakshmi Prabha.V, Journals of Circuits Systems and Computers, (JCSC) 14 (5), 987-996, 2005
11. Dynamic Power Management in an Embedded System for Multiple Service Requests, ECM Lakshmi Prabha.V, VDAT 2004, 95-402, 2004
12. Segmentation of Urban Road Network from Satellite Images using Fuzzy Mathematical Morphology, ECM, S.Letitia, International Journal ICGST, 35-42, 2008
13. Integrating Outcome Based Accreditation (OBA) with ISO 9001 Compliant Quality Management System (QMS): A Case Study, ECM, Somasundaram M, 3rd World Summit on Accreditation WOSA-2016, 210-215, 2016
14. Edge sensing demosaicing using adaptive weighted interpolation DR Newlin, EC Monie, American Journal Of Applied Sciences 10 (4), 2013
15. Adaptive lifting based image Compression scheme with Particle swarm optimization technique, ECM, S.Nishat Kanvel, International Journal of Engineering Science and Technology 2 (9), 4887-4896, 2010
16. A reinforcement learning scheme for dynamic energy management in embedded systems, LP Viswanathan, EC Monie, Journal of Circuits, Systems, and Computers 14 (06), 1173-1182, 2005
17. An Adaptive Algorithm for Power Management at System Level AG Lakshmi Prabha.V , Elwin Chandra Monie, VDAT 2005, 415-418, 2005
18. Online Adaptive Power Management for Non Stationary Service Request BK Lakshmi Prabha.V , Elwin Chandra Monie, VDAT 2005, 58-68, 2005
19. Reinforcement Learning for dynamic energy management in Embedded Systems, ECM Lakshmi Prabha.V, International Conferences on Embedded Systems and Applications, 144-150, 2005

	20. A Reinforcement Learning for dynamic energy management in Embedded Systems, ECM, Lakshmi Prabha.V, Journal of Circuits Systems and Computers, 14 (No.6), 117-1182, 2005	
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 3	After Joining RMK :- Nil
Ph.Ds / Projects Guided	Ph.Ds Guided : 3	Student Projects Guided : 25
Books Published :	Count : Nil	
	List :	
Patents	Published Count :1	Granted Count : Nil
	202241053326 An Assistive Device for Speech Impaired Persons to Communicate Better	
Professional Memberships	Count : 2	
	List : IEEE ISTE	
Consultancy Projects Completed	Count : Nil	
Awards Received	Count :	
	ISTE Best Engineering College Principal ISTE Life time achievement Award	
Research grants Received	1 DST SEED TIDE Speech to Speech Assistive system for speech impaired persons	
Orchid Link / ID	ID : 9747158800	
Google Scholar Link / ID	ID : https://scholar.google.com/citations?user=PBLbgd0AAAAAJ&hl=en&oi=ao	
Vidwan Link / ID	ID : 315884	
Research Gate Link / ID	https://www.researchgate.net/profile/Elwin-Monie	
Scopus Link / ID	ID : https://www.scopus.com/authid/detail.uri?authorId=9747158800	