



ARUNAI ENGINEERING COLLEGE



TIRUVANNAMALAI

Department of Electronics & Communication Engineering

WORKSHOPS

S.No	Module Description	Any other Contributory Inst./Industry	Developed / Organized by	Duration	Resource Persons	Target	Year
1.	Embedded system	ISTE	Dept. of ECE	1 Day	Dr.V.A.Ashok Kumar	120	09.08.2008
2	Seminar on Robotic Control Application	IEEE	Dept. of ECE	1 Day	Dr.A.Srinivasan	120	21.08.2009
3	Workshop on Soft Computing	IEEE	Dept. of ECE	1 Day	Dr.A.Srinivasan	120	15.07.2009
4	Workshop on Wireless communication system	e-sat association	Dept. of ECE	3 Day	Dr.V.vaidehi Dr.L.Nithayanandham Mr.M.Ramarajan.	240	11,12,13 -02-2010
5	National workshop on Digital image processing	ISTE	Dept. of ECE	1 Day	Dr.G.Flourance Sudha, PEC Prof. S.Bhuvaneshwari	150	15-10-2011
6	A National Workshop on Research Methodologies	CSI & IEEE	Dept. of ECE	1 Day	1.Dr.NagaBhushan, Mysore University 2.Dr.Srinivasan Alavanthar	120	15-03-2012

JOURNALS AND CONFERENCE

S.No	Faculty Name	Name of the Conference	Title of the paper	Organizer
1.	S. Elango Head,ECE	International Conference on 4G Wireless Computer Network - 2011	Reducing the peak to average power ratio of OFDM by interactive clipping and filtering.	Kamban Engineering College
			Adaptive Preamble synchronization for WiMAX OFDM systems.	
			Utility based Resource Allocation scheme for multicasting of IEEE 802.16j network to increase multicast recipients.	
		National conference on Emerging trends in Communication system – 2012	Congestion based pricing resource management in broadband wireless networks	Dr Navalar Neduchzhayan College of Engineering
		National Conference on Signal Processing & communication-2012	Virtually dedicated resource allocation for VOIP traffic in mobile WiMAX system	JJ College of Engineering Technology
		National Conference on Nano Fiesta - 2012	Flicker Noise Model to Extract Volume track densities in GAA SI Nano Wire FET	Mepco schlenk engineering college
National Conference on recent trends in VLSI mobile and Embedded Technology - 2012	A Cross layer frame work for over head reduction, traffic scheduling and burst allocation in IEEE 802.16 OFDMA	AICTE ,Milam Engineering College		

			networks	
		International Conference on small technologies for materials, communication, controls, computing and energy.	Improving Multicast Resource Utilization In WiMAX multi-Hop Relay Networks	Vel Tech University
		National conference on Emerging trends in Communication system – 2009	A synthesizable Scalable OFDMA transceiver for Broadband Wireless network	Dhanalakshmi Srinivasa Engineering College
		National Conference on Signal Processing & Communication Technologies	Design a self motivated arbitration scheme on Amba protocol	Anand institute of Higher Technology
2.	A.Selvakumar Asst. Prof	International conference on Advanced Computing ICOAC 2011	Adaptive Load Balancing Handoff Scheme for Heterogeneous Wireless Network” IEEE 2011	Anna University Chennai
		IC4GWCN 2011 International conference on 4G Wireless Networks	Performance Improvement Scheme of Rake Receiver for CDMA Downlink	Kamban Engineering College
			Mobility management scheme for heterogeneous wireless networks	
		IEEE International conference on IWANO 2011	Efficient Vertical Handover Scheme for Heterogeneous Wireless Network	SKP Engineering College, Tiruvannamalai
		NCSCM 2011 National Conference on Signal processing, Communication	Seamless Handover Scheme for Wireless Wimax Networks	Jaya Engineering College

		and Microelectronics		
		NECCT 2010 National Conference on Emerging Computing and Communication Technologies	Mobility management for Heterogeneous wireless networks	Kongu Engineering College
		NCMUC 2010 National Conference on Mobile and Ubiquitous Computing	Optimization of RAKE Combining in Soft Handover Region	Ganadipatty Tulsi's Jain Engineering College, Vellore
3.	S. Sivakumar Asst. Prof	National Conference on Integrated intelligent computing	Performance enhancement on Hybrid Routing Protocol	Dr. Sivanathi Aditanar College of Engineering
		National Conference on Emerging Trends in Communication System	Performance analysis on Hybrid Routing Protocol	Dr. Navalar Nedunchezhiyan College of Engineering
		International Journal of Research in Wireless Communication.	Design of Efficient Route optimization protocol in Wireless Ad hoc Network	
		International Conference on Communication and signal processing	Investigation on Performance improvement in new routing algorithm for Energy efficient mobile Ad hoc network	Karunya University
		International Journal of Research in Wireless Communication.	Investigation on Performance improvement in new routing algorithm for Energy efficient mobile Ad hoc network	
		National Conference on Emerging Computing and	A Novel approach on efficient multicast	Kongu Engineering College

		communication technologies	algorithm for multichannel wireless Ad hoc networks	
		International Conference on Engineering Science and Technology	An Energy Efficient transmission power control routing algorithm for Mobile Ad hoc network	Dhanalakshmi Srinivasan Engineering College
		National Conference on Mobile Ubiquitous Computing , CMUC'10	FPGA Implementation of OFDM Transceiver for IEEE 802.11a Wireless LAN	Ganadipatty Tulsi's Jain Engineering College
4.	P. Sureshkumar Asst. Prof	National Conference on Mobile and Ubiquitous Computing, NCMUC'10	WIMAX protocol implementation for physical layer receiver	G. Tech Engineering College
		National conference on Advances in information and communication Technology	Design of Novel MRMDF structure based FFT processor for MIMO OFDM system	C.A.H College of Engineering and Technology
		International Conference on Communication and signal processing	Enhancement of spectrum efficiency using cognitive Radio waveforms	Adhiparasakthi Engineering College
		International Conference on Communication and signal processing	Design of Efficient filter structure for symmetric convolution	Adhiparasakthi Engineering College
		International Conference on Communication and signal processing	A scheme for cancelling interference to provide full diversity	Adhiparasakthi Engineering College
	K. Anitha Asst. Prof	European Journal of Scientific Research, Vol.75, No.1, pp. 92-103,2012	FPGA Implementation Of New Adaptive DWT-IDWT Lifting Technique for OFDM	

5.		Global Journal of Researches in Engineering, Vol.XII Issue, 2012.	Modified lifting based DWT/IDWT architecture for OFDM on Virtex-5 FPGA	
		International journal on Image, Graphics and Signal Processing, 2012, 9, 23-29, September 2012 in MECS press.	Area Optimized High Throughput IDMT/DMWT Processor for OFDM on Virtex-5 FPGA	
		International Conference on MNCAPPS-2012	Implementation of Lifting Discrete Wavelet Transform for OWDM	
6.	S.Arivumani Samson Asst. Prof		Novel Reconfigurable Architecture with Low Complexity FIR Filter	Periyar University
		IC4GWCN 2011 International conference on 4G Wireless Networks	Implement of Error Self Recurrent neuron Model in FPGA using Kalman Filtering Technique	Kamban Engineering College
			An Apc OMS based LVT Optimazation and its application in DSP	Kamban Engineering College
			Low Power Consuming using Different wavelet technique for Wireless Sensor	Shiridi Sai Engineering College
		National Conference on Mobile and Ubiquitous Computing, NCMUC'10	Implementation of physical layer transceiver module for WCDMA system	Ganadipatty Tulsi's Jain Engineering College
7.	G.Sujatha Asst. Prof	National conference on Signal Processing, Electronics, Communication trends in recent	Efficient scheme for adaptive mobile gateway management in	Bharth Niketan Engineering College

		advancements	integrated VANET – UMTS network	
		International Conference on Emerging Engineering trends	Channel aware routing in MANETS using handoff strategy	Magna College of Engineering
		National Conference on recent trends in VLSI, Mobile & Embedded Technology	Speech Processing in non invasive method for voice disorder diagnosis	Mailam Engineering College
		International Conference on communication and signal processing	Low complexity adaptive lattice reduction over correlated fading channel for MIMO system	Adhiparasakthi Engineering College
		National Conference on Integrated intelligent Computing	Handover performance improvement wireless mobile networking using multicast addressing	Dr. Sivanathi Aditanar College of Engineering
8.	R.Seshadri Asst. Prof	International Conference on Mobile Computing and VLSI design	High Performance linear Algebra operation in Digital Image Processing	TPGIT, Vellore
		National Conference on recent Advances in Communication Engineering	Spurious Power Suppression Technique for VLSI Architecture	SBC, Arani
		National Conference on Signal Processing and Communication Networking	Simple Correction in area efficient 2^{n+1} module	Sri Venkateswara Engineering College
		Emerging Trends in VLSI, Embedded & Nano Technologies	Simple correction for area efficient	Sathyabama University

9.	G.Sharmiladevi Asst. Prof	VLSI & Wireless communication	weighted modul 2^N+1 Adder Design	Arunai Engineering College
		Advances in Computer Technology and Applications		Vellalar College of Engineering & Technology
		Digital Convergence 2011		RMK Engineering College
10.	A.Elangovan Asst. Prof	International Conference on Mobile Computing and VLSI design	Power Control in Wireless Ad hoc network without synchronization	TPGIT, Vellore
11.	G.Maruthachalam Asst. Prof	National Conference on Advances in computer technology and application	Fault secure Encoder Decoder using Nano memory	Vellalar College of Engineering & Technology
		National Conference on Digital convergence		RMK Engineering College
		National Conference on Emerging trends in VLSI and Nano technology		Sathyabama University
		VLSI & Wireless communication		Arunai Engineering College
12.	S.Bhuwaneswari Asst. Prof	ADELCO 2009	Convergency analysis of Blind decision feedback analyzer	National Engineering College
		Digital Convergence 2009		RMK Engineering College
		Emerging Broadband Technologies		RV Engineering College
13.	K.Yogitha Asst. Prof	National Conference on VLSI Design & Mobile Communication	A Novel approach of secure design flow in CMOS IC	Alagappa Chettyar Engineering College
		International Conference on Mobile Computing and VLSI design	Balanced interconnection of secure design flow in CMOS IC	TPGIT, Vellore
14.	M.Thenmozhi Asst. Prof	National Conference on Emerging Computing and	Mobility Management scheme	Kongu Engineering College

		Communication Technologies	for Heterogeneous Wireless Network	
		International Conference on 4G wireless computer network	Hand-off Management scheme for Heterogeneous Wireless Network	Kamban Engineering College
		National Conference VCAN 2011	Heterogeneous wireless network handover based on node velocity	Easwari Engineering College
15.	K.RajMohan Asst. Prof	National Conference on VLSI and Wireless Communication	Design and Implementation of FELICS algorithm for High throughput applications	Arunai Engineering College
16.	D.Suvitha Asst. Prof	Digital Convergence 2011	Implementation of a New Low power VLSI oriented FFT algorithm	RMK Engineering College
		Advances in Computer Technology and Applications		Vellalar College of Engineering & Technology
17.	K.Vijayasamundeswari Asst. Prof	National Conference on Mobile Ubiquitous Computing- 2010	Optimal Energy-Efficient pairwise transmission scheme between subscriber station for WiMAX mesh network	G. Tech College of Engineering
18.	S.Gopal Asst. Prof	National Conference on Integrated intelligent computing	Performance enhancement on Hybrid Routing Protocol	Dr. Sivanathi Aditanar College of Engineering
		National Conference on Emerging Trends in Communication System	Performance analysis on Hybrid Routing Protocol	Dr. Navalar Nedunchezhiyan College of Engineering
		National Conference on Mobile AdHoc Networks	Performance enhancement on Hybrid Routing	Algappa College of Engineering

			Protocol in Mobile AdHOC Network	
19.	C.Rajeswari Asst. Prof	Recent Technologies in Wireless Communication	A Context aware hand-off scheme by using Heterogeneous networks	Surya Engineering College
20.	T.Vijayalakshmi Asst. Prof	International conference on computation of Power, Energy, Information and communication	Cryptographic functions for high speed internet network through open SSL	Adhiparasakthi Engineering College
		International conference on Futuristic trends in Electronics Engineering	Open SSL Cryptographic functions for high performance internet security	Thiruvalluvar College of Engineering & Technology
21.	R.Parvathalakshmi Asst. Prof	National Conference on VLSI & Wireless Communication	Tunnel FET device for low voltage ultra low power applications	Arunai Engineering College
		National Conference on recent advances in VLSI and embedded system		Sudharshan Engineering College
		International Conference on 4G Wireless Computer Networks		Kamban Engineering College
22.	T.Venishkumar Asst. Prof	National conference on Signal Processing, Electronics, Communication trends in recent advancements	Improved weighted modulo 2^{n+1} design using parallel prefix adder	Bharath Niketan Engineering College