Dr.Mahalingam College of Engineering and Technology
Pollachi-642003
Department Of Electronics and Communication Engineering
Participation and Presentation of Faculty
July 2015 to June 2016

Sl. No.	Name of Faculty	Title of the Paper	Details of Conference Proceeding	National / International	Year of Publication
1.	**V.Gurunathan** **S.Bharathi** **R.Sudhakar**	A Novel Person Authentication System using Palm Vein Images	Second International Conference on Digital Image and Signal Processing, December 3-4, 2015, pp.142-148, Vijaya Vittala Institute of Technology ,Bangalore India.	International	Dec-2015
2.	**V.Gurunathan** **T.Sathiyapriya** **R.Sudhakar**	Multimodal Biometric Recognition System using SURF algorithm	10th International Conference in Intelligent Systems and Control (ISCO 2016) January 7-8,2016,Vol.2 Karpagam College of Engineering, Coimbatore,	International	Jan-2016
3.	C.Thirumarai Selvi **R.Sudhakar** Priyadharshini.G	DWT based watermarking approach for medical image authentication	10th International Conference in Intelligent Systems and Control (ISCO 2016) January 7-8,2016,Vol.2, pp 707-711.Karpagam College of Engineering, Coimbatore,	International	Jan-2016
4.	**T.Sathiyapriya** **V.Gurunathan** **R.Sudhakar**	Tunable Reflection Type phase shifter using Lange couplers	1st International Conference in Energy, Environment and Engineering (ICEEE-16), Feb 29-March 02, 2016, Coimbatore Institute of Technology, Coimbatore	International	Mar 2016
5.	C.Thirumarai Selvi **R.Sudhakar**	Activity duration function based adder design to implement a modified Distributed Arithmetic FIR Filter design	3rd International Conference on Electronics and Communication Engineering 2016(ICECS-2016) at Karpagam College of Engineering Coimbatore, during Feb 25 - 26 2016 , Vol 6,pp 3750-3753,ISBN 978-1-4673-7832-1/16.	International	Feb 2016
6.	Priyadharshini.G Kalaivani.G	Embedding patient Information in medical images using Watermarking	First International Conference on Emerging Trends in Science ,Engineering and Technology(ICETSET 2016)	International	Mar 2016

	Author(s)	Title	Conference Details	Level	Date
	C.Thirumarai Selvi **R.Sudhakar**	approach for Authentication	held at Nanda College of Technology, Erode pp 23, 4-5 Mar.2016		
7.	Priyadharshini.G Kalaivani.G C.Thirumarai Selvi **R.Sudhakar**	Non reversible Image Watermarking	International Conference on Green Intelligent Computing and Communication Systems(ICGICCS 2016), 10-11 Mar.2016 pp.477 Hindustan College of Technology, Coimbatore.	International	Mar 2016
8.	S.Mahalakshmi **S.Bharathi** **R.Sudhakar**	Biometric authentication using wrist veins	International Conference on Energy, Environment and Engineering (ICEEE 2016) 29th Feb and 1-2 Mar.2016, Coimbatore Institute of Technology, Coimbatore.	International	Mar 2016
9.	C.Thirumarai Selvi **R.Sudhakar**	Memory Efficient Fast Scanning Modified Lifting based Discrete Wavelet transform architecture for image compression	National Conference on Emerging Trends in Science , Engineering and Technology(NCETSET 2016) at Nehru institute of Technology, Coimbatore Tamilnadu, India 4th Mar 2016, pp 67, ISBN no 978-93-85477-75-1	National	Mar 2016
10.	Priyadharshini.G Kalaivani.G C.Thirumarai Selvi **R.Sudhakar**	Biometric verification for security purpose	8th National Conference on Computing,communication,Information systems held at Sri Krishna College of Technology, Coimbatore Tamilnadu , India 19-20 Feb.2016	National	Feb 2016
11.	Priyadharshini.G Kalaivani.G C.Thirumarai Selvi **R.Sudhakar**	Histogram shifting based watermarking approach for Medical image authentication	National Conference on Recent Trends in Information Technology-NCRTIT 2016 held at PSG College of Technology during 29-30 Jan2016.	National	Jan 2016
12.	Priyadharshini.G Kalaivani.G C.Thirumarai Selvi **R.Sudhakar**	Spy Security using Image Processing	National Conference on Emerging Trends in Science, Engineering and Technology(NCETSET 2016) at Nehru institute of Technology, Coimbatore Tamilnadu, India 4th Mar 2016 , pp 68,ISBN no 978-93-85477-75-1.	National	Mar 2016
13.	K.Priyadharshini V.Revathi	Restoration of Images Corrupted by High Density Salt and Pepper Noise	Third National Conference on Information, Networking and Communication Technologies(NCINCT'2016),	National	April 2016

	K.B.Sangavi **R.Sudhakar**	Adaptive Mean Deviation Trimmed Median Filter	Dr.Mahalingam College of Engineering and Technology,Pollachi-03.April 23,2016		
14.	Anitha V Srinidhi G **R.Sudhakar**	Steganography way of Key Generation	Third National Conference on Information, Networking and Communication Technologies(NCINCT'2016), Dr.Mahalingam College of Engineering and Technology,Pollachi-03.April 23,2016	National	April 2016
15.	J.Jaslin deva gifty **K.Sumathi**	Zigbee wireless sensor network simulation using hybrid d topology	3rd International conference on Innovations in Information, Embedded and Communication systems (ICIIECS'16), March 18, 2016, Karpagam College of Engineering Coimbatore.	International	Mar 2016
16.	B.Gowtham R.Rajaeshwari M.Chandra R.Sridharan **K.Sumathi**	Performance Analysis of wireless sensor Network topologies using ZigBee Standard	Third National Conference on Information, Networking and Communication Technologies(NCINCT'2016), Dr.Mahalingam College of Engineering and Technology,Pollachi-03.April 23,2016	National	April 2016
17.	N.Sakthiya G.Santhiya A.Vimala **K.Sumathi**	Detecting Black Hole Attack on MANET with AODV using fuzzy based rule	Third International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS'16), Karpagam College of Engineering,Coimabtore,17-18th March.	International	Mar 2016
18.	**Ms.S.Bharathi** Kiruthika S Arulmozhi S Kiruthika R	Analysis of Fusion Techniques for Multimodal Biometrics	Third International Conference on Current trends in Engineering and Technology, Akshaya College of Engineering and Technology, Kinathukadavu,Coimbatore-642109,06th April 2016.	International	April 2016
19.	P.Kumanan **J.Rangarajan**	Energy Efficient Cluster Based Data Aggregation In Wireless Sensor Network	1st International Conference on Advances in Engineering, Science and Technology (ICAEST-16),March 04,2016,SBM College of Engineering and Technology, Dindigul.	International	Mar 2016
20.	R.Adlin	Integrated form of modeling and	3rd International conference on Innovations in	International	Mar 2016

	E.Kamalavathi	clustering design in VANET	Information, Embedded and Communication systems (ICIIECS'16),March 18,2016,Karpagam College of Engineering Coimbatore.		
21.	K.Sabareesh R.Raghugokulavaishnavi L.Priyadharshini **E.Kamalavathi**	Design of Intelligent Combat Robot with Laser Gun Activation	Eighth National Conference on Emerging Trends in Instrumentation Systems (NCETIS'16), Sri Ramakrishna Engineering College, Coimbatore, March 29th 2016.	National	March 2016
22.	K.Devi Sowndarya **C.Kalamani** K.Paramasivan	Reducing the Test Data Volume by Enhanced Compression Code	International Conference on Innovations in Engineering and Technology (ICIET), K.L.N. College of Engineering, Sivagangai 630612. 6th & 7th April 2016	International	April 2016
23.	A.Amutha G.Dharaniraja R.Mahaeshwari **C.Kalamani**	VHDL Based Turbo Encoder and Decoder using CADENCE	Third International Conference on Current trends in Engineering and Technology, Akshaya College of Engineering and Technology, Kinathukadavu, Coimbatore-642109,06th April 2016.	International	April 2016
24.	B.Gayathri **K.Ajikumar**	Cross layer design approach for power control in mobile Adhoc network using AODV protocol	3rd International conference on Innovations in Information, Embedded and Communication systems (ICIIECS'16), March 18,2016, Karpagam College of Engineering Coimbatore.	International	March 2016
25.	G.Ragulan V.Pavithiraaa S.Pavithra S.Pasupathi **P.Sathyabama**	Witricity with charge Monitoring	Nineth National Conference on Emerging trends in Communication and Information Technology (ETCIT-16), KSR College technology, Tiruchengode-637215, April 22,2016.	National	April 2016
26.	Bhuvaneshwari.A Banupriya.R Manoj.M **P.Sathyabama**	WSN based remote monitoring and controlling of urban water supply control system	First National Level Conference on Recent Trends in Electrical Science,23 March,2016. Tamilnadu College of Engineering, Karumathampatti, Coimbatore-6416	National	March 2016

27.	Indhumathi T Kavitha T Lavanya M **R.Sherine Jenny**	Comparison MANET Attacks and its security Measures	National Conference on Emerging trends in communication systems April 2016, Dhirajalal Gandhi College of Technology, Salem 636309, 2nd April 2016.	National	April 2016.
28.	C.Moulika Mrithubhashini G.Mugeshkumar P.Muthumari **R.Sherine Jenny**	Ardunio Controlled CNC machine	Third International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS'16), Karpagam College of Engineering,Coimabtore,17-18th March 2016	International	March 2016
29.	Mallika Aburaja.N Sathesh kumar.K **R.Praveen Kumar**	Vehicle theft intimation and condition monitoring System	National Conference on Communication and Information Technologies (NCRTCIT'16), 8th April 2016, SSM Institute of Engineering and Technology Dindigul-624 002.	National	April 2016
30.	Surendar.T Boobalakrishnan.K Surya Kiran.N Suresh Kumar.R **J.Senthil Kumar**	Smart Gas Sensing and Controlling System	National Conference on Communication and Information Technologies (NCRTCIT'16), 8th April 2016,SSM Institute of Engineering and Technology Dindigul-624 002	National	April 2016
31.	**Suganya C** **J.Mary Anita** Indhumathi V Karthika V Kaviya P Lavanya K.S	GSM and RFID based smart ration system using UTLP Kit	National Conference on Emerging trends in communication systems April 2016, DHIRAJALAL GANDHI COLLEGE OF TECHNOLOGY, Salem 636309, 2nd April 2016.	National	April 2016
32.	Vinodhini.N **Suganya C**	Pipelined VLSI Architecture for RSA Based on Montgomery Modular Multiplication	International Conference on Innovations in Engineering and Technology (ICIET), K.L.N. College of Engineering, Sivagangai 630612. 6th & 7th April 2016	International	April 2016
33.	S.Gowthama	Tunable RF filter for Multi standard	1st International Conference on Advances in	International	Mar 2016

	Krishnan **D.Reka**	systems in Wireless device	Engineering, Science and Technology (ICAEST-16),March 04,2016,SBM College of Engineering and Technology, Dindigul.		
34.	S.Gowthama Krishnan **D.Reka**	Reconfigurable RF Filter for Mobile devices	National Conference on Signal Processing Information and Communication Engineering, 22 April 2016,PSG College of Technology, Coimbatore.	National	April 2016
35.	K.Boopathikannan A.S.Ajayakumar B.Krishnamoorthy **D.Reka**	Embedded based Safety Monitoring System for coir Industry	Sixth National Conference on System Design and Information Processing, 02 April 2016,KPR Institute of Engineering and Technology, Arasur, Coimbatore-641 407	National	April 2016
36.	S.Thilagavathi **D.Venkatesh**	Enhancement of Bandwidth of Micro strip patch Antenna using Artificial Magnetic Conductor	1st International Conference in Energy, Environment and Engineering (ICEEE-16), Feb 29-March 02, 2016, Coimbatore Institute of Technology, Coimbatore.	International	Mar 2016
37.	S.Thilagavathi **D.Venkatesh**	Wide band Monopole Antenna for wireless applications	Third National Conference on Information, Networking and Communication Technologies(NCINCT'2016), Dr.Mahalingam College of Engineering and Technology,Pollachi-03.April 23,2016	National	April 2016
38.	Santhosh Kumar.S Sowmiya K Sujitha Singh. **D.Venkatesh**	Tri band Antenna for cellular Applications	National Conference on Communication and Information Technologies (NCRTCIT'16),8th April 2016,SSM Institute of Engineering and Technology Dindigul-624 002	National	April 2016
39.	S.Thilagavathi **D.Venkatesh**	Design of Compact Multiband and Wideband Monopole Antenna for Wireless Applications	National Conference on Signal Processing Information and Communication Engineering, PSG College of Technology, Coimbatore. 22nd April -2016.	National	April 2016
40.	Sheeba S Mahalakshmi G Mohana priya K	Virtual mouse by gestures using sixth sense technology	Third National Conference on Information, Networking and Communication Technologies(NCINCT'2016), Dr.Mahalingam College of Engineering and	National	April 2016

	Dhinesh K		Technology,Pollachi-03.April 23,2016		
41.	V.K.Vidhysankari **B.Pradeep Kumar**	Speed Optimized CORDIC Based Fast Algorithm for DCT	International Conference on Innovations in Engineering and Technology (ICIET), K.L.N. College of Engineering, Sivagangai 630612. 6th & 7th April 2016	International	April 2016
42.	G.Bharath Kumar E. Bhuvaneshwari S. Harihara Kumar R. Hemalatha **D.Parthiban**	Intelligent Boundry Aleart System using GPS	National Conference on Communication and Information Technologies (NCRTCIT'16) 8th April 2016,SSM Institute of Engineering and Technology Dindigul-624 002	National	April 2016
43.	R.Revathi A.Priyadharshini S.Kumaresan **K.Anbukkarasi**	Energy Efficient Location Based Hierarchical Routing protocol for WSNs	Nineth National Conference on Emerging trends in Communication and Information Technology (ETCIT-16), KSR College of Technology,Tiruchengode-637215,April 22,2016.	National	April 2016
44.	R.Priyanka T.Subashri R.Sindhuja **N.Sugirtham**	Performance Analysis of Cloud Computing using Frame relay and VPN	Third National Conference on Information, Networking and Communication Technologies(NCINCT'2016), Dr.Mahalingam College of Engineering and Technology,Pollachi-03.April 23,2016	National	April 2016
45.	S.Priyanka J.Jefrina Mary S.Manikandan **N.Sugirtham**	Analysis of VOIP and IP Network for Different QOS.	Third National Conference on Information, Networking and Communication Technologies(NCINCT'2016), Dr.Mahalingam College of Engineering and Technology,Pollachi-03.April 23,2016	National	April 2016
46.	Mathivarma G,Vigneshwaran T,Kaviyarasan R **N.Sugirtham**	Monitoring and controlling 3 Phase device using wireless technology	National Conference on Emerging trends in communication systems April 2016, DHIRAJALAL GANDHI COLLEGE OF TECHNOLOGY, Salem 636309, 2nd April 2016.	National	April 2016
47.	Ragulnath K.P Saipriya V Rajeshwari A	Performance Enhancement of AODV and DSDV using SZRP	National Conference on Emerging trends in communication systems April 2016, Dhirajalal Gandhi College Of Technology, Salem 636309, 2nd April 2016.	National	April 2016

	N.Sugirtham				
48.	Sasikala C Savitha C Sumithra P **J.Mary Anita**	HKELM-ABC Approach to predict Sludge Volume Index of Wastewater treatment process	Nineth National Conference on Emerging trends in Communication and Information Technology (ETCIT-16), KSR College of Technology,Tiruchengode-637215,April 22,2016.	National	April 2016
49.	T.Abinaya M.Abirami H.Ahanedansari **G.Anand**	Detection of Traffic Violation using RFID	International Conference on Recent Innovations in Engineering, Volume 1, April 2016, Sri Subramanya College of Engineering and Technology, Palani.2nd April 2016.	International	April 2016
50.	B.Deepika M.Geerthana B.Harshavarthini **V.Bhuvaneshwari**	Power Consumption Surveillance and Control system	International Conference on Recent Innovations in Engineering, Volume 1, April 2016, Sri Subramanya College of Engineering and Technology, Palani.2nd April 2016.	International	April 2016.
51.	**V.Gurunathan** M. Eswaramoorthy P.Duvarakesh R. Divya Bharathi	"Smart Zone Based Accident Avoidance System Using Wireless Technology"	Fourth National Conference On Emerging Trends in Communication and Networking (ETCAN 2016) 12th March 2016, Kongunadu College of Engineering and Technology, Namakkal-Trichy Main Road, Thottiam.	National	Mar 2016
52.	**E.Vinoth** N.Nandhakumar S.Meena K.Gangaparamewari	A Novel method for Automated Seed Sowing achine	Fifth National Conference on Challenges in Computing Technology, NCCCT 2016. March 31,216.Angel College of Engineering and Technology, Tirupur.	National	Mar 2016
53.	**E.Vinoth** V.Gandhimathi J.Gayatiri M.Kirithika	Accident Detection and Ambulance Rescue System using ZIGBEE	Third International Conference on applied Research in Engineering Methodology(ICAREM 2016), Professional Group of Institutions,Palladam-641662,10-11 March-2016.	International	March 2016
54.	RV Geethapriya **T.Sathiyapriya**	Automatic Solar Panel Tracking and Transferring Solar Energy to Load using PIR Sensor	Sixth National Conference on System Design and Information Processing,02 April 2016,KPR Institute of Engineering and Technology, Coimbatore - 641 407	National	April 2016

55.	**S.Kalaiselvi**	Comparison of high performance arithmetic units in 180nm CMOS technology	3rd National conference on Communication, Computing and Networks –NCCCN2016,Bannari Amman Institute of Technology,Sathyamangalam,March11th &12th,2016	National	Mar 2016
56.	**N.Dhivya**	Performance Comparison of Analog to Digital Converter in 180nm CMOS technology	3rd National conference on Communication, Computing and Networks –NCCCN2016,Bannari Amman Institute of Technology,Sathyamangalam,March11th&12th, 2016	National	Mar 2016
57.	**N.Divya** T.S.Aarthy Kumaravel A Gowri M	Design of a Low Power Vedic Multiplier Using Adiabatic Logic	National Conference on recent Evolutions of Computer and Electronics in Power technologies, Karpagam College of Engineering, Coimabtore, 12th Feb2016.	National	February 2016.
58.	**S. Sugunavathy**	Automated fire extinguishing Robot with Monitoring system .	International Conference on Advanced Technologies for research and product developments(ICATRPD 2016), 21-22 April 2016,Kathir College of Engineering,Coimbatore-642062	International	April 2016