

**Dr.Mahalingam College of Engineering and Technology**  
**Pollachi-642003**  
**Department Of Electronics and Communication Engineering**  
**Participation and Presentation of Faculty**  
**July 2013 to June 2014**

<b>Sl. No.</b>	<b>Name of Faculty</b>	<b>Title of the Paper</b>	<b>Details of Conference Proceeding</b>	<b>National / International</b>	<b>Year of Publication</b>
1.	P.Ramadevi <b>R.Sudhakar</b>	Automatic diagnosis of ultrasound liver disease using neural networks	IEEE International conference on “Emerging trends in science, business and disaster management at Image processing and networking” at Noorul Islam University, Thuckalay, Kanyakumari (DT), 28th February 2014.	International	Feb 2014
2.	<b>R.Sudhakar</b> U.Jaikrishnan S.Manuel Maria Bastin L.Amoog	Removal of high density salt and pepper noise along with edge preservation technique	International conference on “Advance in engineering & technology (ICAET)” at Anjuman college of engineering, Nagpur, 8th & 9th Jan 2014.	International	Jan 2014
3.	A. Hefilia <b>K.Faisal</b> <b>R.Sudhakar</b>	Quality issues in digital image recovery from the print-scan channel	IEEE International Conference on “Emerging Trends in Science, Engineering, Business and Disaster Management at Image Processing and Networking” at Noorul Islam University, Thuckalay, Kanyakumari (DT), 28th Feb 2014.	International	Feb 2014
4.	Kiruthika Sruthi.P <b>K.Sumathi</b>	Implementation of resource allocation in MIMO-OFDMA using NSGA-II,	International conference on “Innovations in information embedded and communication systems” at Karpagam college of Engineering, Coimbatore, 13th and 14th Mar 2014.	International	Mar 2014
5.	N.Sasireka	Implementation & comparison of Adaptive resource allocation in OFDMA using PSO and GA	International conference on “Innovations in information embedded and communication systems” at Kongu Engineering College, Erode, 21st Feb 2014.	International	Feb 2014

	<b>K.Sumathi</b>				
6.	Darshana .D <b>V.K.Sudha</b>	High quality region based compression of abnormal brain images using novel SPIHT algorithm	Second International conference on “Current trends in engineering and technology” at Akshaya engineering college, kinathukadavu,26 <sup>th</sup> March 2014.	International	Mar 2014
7.	S.Sugunavathy <b>S.Bharathi</b>	A novel approach for human recognition	IEEE International conference on “Emerging trends in science, business and disaster management at Image processing and networking” at Nooru Islam University, Thuckalay, Kanyakumari (DT), 28th February 2014.	International	Feb 2014
8.	P.S.Sowbarnika <b>E.Kamalavathi</b>	IBPS : Identity based privacy and security preserving in the framework of VANET	Fourth National conference on “Challenges and innovations in information technology (CIIT)” atKongu college of Engineering, Erode, 21stFeb 2014.	National	Feb 2014
9.	A.Mohammedyaseen <b>E.Kamalavathi</b>	Enhancement multicast algorithm for mobile ad-hoc using cooperative ad-hoc mac vehicular ad-hoc network	International conference on “Innovations in information embedded and communication systems” at Karpagam college of Engineering, Coimbatore, 13th and 14th March 2014.	International	Mar 2014
10.	<b>E.Kamalavathi</b> G.Gowtham Raja S.Muthusambandam T.Narayanan	Intelligent street light control usingZIGBEE	First National Conference on “Recent Advances In Science, Engineering &Technologies(RASET)” at Jay Shriram college of technology, Koduvai, 20th & 21 <sup>st</sup> March 2014.	National	Mar 2014
11.	P.S.Sowbarnika <b>E.Kamalavathi</b>	VANET based message transferring in TAXI SERVICE	International conference on “Information embedded and communication systems” at Karpagam college of Engineering, Coimbatore, 13th and 14th March 2014.	International	Mar 2014
12.	K.Nithya <b>C.Kalamani</b>	Test data compression using combined bit masking and 2n pattern run length coding	Fourth National conference on “Communication, Information and Telematics(CITEL)” at Kumaraguru college of technology, Coimbatore, 13 <sup>th</sup> Mar 2014.	National	Mar 2014
13.	K.Nithya	Testdata compression using bitmasking and 2n pattern runlength coding	International conference on “Innovations in information embedded and communication systems” at Karpagam	International	Mar 2014

	<b>C.Kalamani</b>		college of engineering, Coimbatore, 14thMar2014.		
14.	M.Dharani <b>C.Kalamani</b>	Design of decoder using modified hybrid weighted symbol flipping for nonbinary LDPC codes	International conference on “Innovations in information embedded and communication systems” at Karpagam college of engineering, Coimbatore, 14thMar2014.	International	Mar 2014
15.	M. Dharani <b>C.Kalamani</b>	Modified hybrid weighted symbol flipping decoding for non-binary LDPC codes	Fourth national conference on “Communication, Information And Telematics (CITEL)” at Kumaraguru college of technology ,Coimbatore, 13thMar 2014.	National	Mar 2014
16.	S. Nithya, <b>J.Rangarajan</b>	Impact of propagation models on AODV	International conference on “Information embedded and communication system” at Karpagam college of engineering, Coimbatore, 13th& 14th Mar 2014.	International	Mar 2014
17.	A.Adhithyalakshmi <b>J.Rangarajan</b>	Performance analysis of source initiated routing protocols	International conference on innovations on “Information embedded and communication systems” at Karpagam college of engineering, Coimbatore,13th&14th Mar 2014.	International	Mar 2014
18.	S.Devimeena <b>D.Venkatesh</b>	Design and implementation of a power distribution network and a phase shifter for a beam forming network	Fifth National conference on “Recent trends in Communication ,Computation and Signal Processing (RTCSP)” at AmritaVishwaVidyapeetham, Coimbatore, 26 <sup>th</sup> &27th Feb 2014.	National	Feb 2014
19.	V. Nivethitha <b>K.Ajikumar</b>	IP-OVER-WDM cross layer design for optical networking	International Conference on “Innovation in information embedded and communication Systems” at Karpagam College of Engineering, Coimbatore, 13 <sup>th</sup> and 14 <sup>th</sup> March 2014.	International	Mar 2014
20.	<b>G.Swathiga</b> <b>B.Kishore</b>	A robust antenna design for microwave tomography	IEEE International Conference on “Electronics and Communication Systems” at Karpagam College of Engineering, Coimbatore, 13th and 14th Feb 2014.	International	Feb 2014
21.	G.Swathiga <b>B.Kishore</b>	A robust antenna design for microwave tomography to detect defect tissues	International conference on Global Public Health 2014, School Of Public Health SRM University, Chennai. Session ID: 15 No:2,22st Feb 2014.	International	Feb 2014

22.	G.Vigneshwari <b>K.Saravanan</b>	A secure traffic controller using vehicular Ad-Hoc network	IEEE International Conference on “Innovation in information embedded and communication Systems” at Karpagam College of Engineering, Coimbatore, 13th and 14th Feb 2014.	International	Feb 2014
23.	N. Thirugnanasoundari <b>D.Reka</b>	Dual Mode Retro reflective Array Using Meander Lines	International Conference On “Information Embedded And Communication Systems” at Karpagam College of Engineering, Coimbatore, 13th and 14th March 2014.	International	Mar 2014
24.	B. Loganayaki S.P. Krishnakumar D.Kruthika K.Gayathri, <b>K.Anbukkarasi</b>	ZEBRA: Zone based grid routing approach for energy efficiency in WSNs	National conference on “Information processing and remote computing” at PSG college of technology, Coimbatore, 27 <sup>th</sup> & 28 <sup>th</sup> Feb 2014.	National	Feb 2014
25.	<b>K.Dhinesh</b> K.Dhivya S.Devibala M.Deepika	Adaptive beaming Algorithms for wireless systems.	National conference on “Research trends in electronics and communication” at St. Joseph college of Engineering, Chennai, 21 <sup>st</sup> March 2014.	National	Mar 2014