Department of EC, TocH

FACULTY : 2015-2016

Name of Faculty	Title of the Paper
Deepa Elizabeth George	"On the diversion of Information filter for multisensors fusion" Elsevier Journal on Information fusion 27(2016) PP-76-84, May, 2015.
Gnana Sheela K	"An Efficient Elliptic Curve Scalar Multiplication Using Karatsuba", International Journal of Engineering Research & General Science, Vol 3, Jan 2015
Gnana Sheela K	"An Efficient Turbo Decoder for Wireless Sensor Network", International Journal of Engineering Research & General Science, Vol 3, Jan 2015
S. Perumal Sankar	"A Novel Method to Increase the Coupling Efficiency of Laser to Single Mode Fibre" Wireless Personal Communications., An International Journal- ISSN 0929-6212. Vol. 87, Number 2, march 2016, SPRINGER Publication.
S Perumal Sankar	"A Novel Iris Recognition Algorithm for Iris Images Captured At-A-Distance", IJAER: International Journal of Applied Engineering Research, pp-542-553, ISSN 0973-4562 Vol. 10 No.77 (2015)
S. Perumal Sankar	Detection of Malaria Infecting Parasite from Thin Smear Digital Images", International Journal of Applied Engineering Research (IJAER),ISSN 0973-4562, Vol. 10, No.2, pp 1615-1619, 2015
Vinu. R	"Robust Optimized ANN based PEM Fuel Cell Tracking", Innovations in bio inspired computing and its applications, Advances in Intelligent Systems and Computing , SPRINGER Publication, Vol- 424, pp 79-91, Dec 2015

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Sl. No.	Title of the paper	Journal	Published Month & Year	Vol No:	Name of the Author(s)
1	A Novel Method to Increase the Coupling Efficiency of Laser to Single Mode Fibre	Wireless Personal Communications., An International Journal - Springer Publication	Mar-16	87	S. Perumal Sankar, N. Hariharan, R. Varatharajan
2	Hybrid AES Algorithm Using 16 Fiestel Based Network with Distinct Keys	Middle-East Journal of Scientific Research	2016	24	P.G. Gopika Dr. N. Hariharan S. Perumal Sankar
3	Implementation of Dual Booting Module of Convolution Encoder and Viterbi Decoder	International Journal of Innovative Research in Computer and Communication engineering	Mar-16	4	Rakhi B Menon Dr. Gnana Sheela K
4	Analyzing the Effect of Denial of Service Attack on Network Performance	IJSTE - International Journal of Science Technology & Engineering	Mar-16	2	Basil Peter Nisanth Krishnan
5	Image Denoising Techniques - An Overview	Internatioonal Organization of Scientific Research (IOSR) Journal of Electronics & Communication engineering	Feb-16	11	Alisha P.B Dr. Gnana Sheela K
6	An Effective Autonomous Reconfiguration system for Wireless Mesh Network	International Journal of computer Science & Network	Feb-16	5	Femy Thomas, Sona Lisa Kurian
7	Energy and Band width aware Multipath Routing protocol	International Journal of Innovative Research in Science, Engineering and Technology	Feb-16	5	Neetha Paulose, Sona Lisa Kurian
8	A Phy/Mac Layer Mechanism to Improve Aggregation in WLANs	International Journal of Computer Science and Network	Feb-16	5	Anjaly Kurian, Gnana Sheela K
9	An Efficient Real Time Recharging Scheme for WSN with Priority Packet Scheduling	International Journal of Computer Science and Network	Feb-16	5	Anjana P. S, Dr. Gnana Sheela K
10	Advanced Routing Techniques for Large - Scale 2D/3D Sensor Networks using Segmentation	International Journal of Computer Science and Network	Feb-16	5	Aparna K Menon , Dr.Gnana Sheela K
11	Load Balancing Technique to Improve Video Traffic in Wireless Networks	International Journal of Computer Science and Network	Feb-16	5	Deepthi Joseph, Dr. Gnana Sheela K
12	Call Drop Improvement in the Cellular Network by Reducing the Bit Error Rate	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Feb-16	5	Dhanya , Dr. Perumal Sankar

13	EDGE Throughput Improvement by Selective Channel Allocation from Abis Interface	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Feb-16	5	Lin Ann Jose , Dr. S. Perumal Sankar
14	Sleep Scheduling Technique for Geographic Routing in MANET	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Feb-16	5	Asha L Nair , Dr S.Perumal Sankar
15	Optimum Frequency Planning For Efficient Channel Utilization	International Journal of Innovative Research in Computer and Communication Engineering	Jan-16	4	Anitha , Dr. S. Perumal Sankar
16	A Robust Technique for GSM Localisation	International Journal of Innovative Research in Computer and Communication Engineering	Jan-16	4	Hitha Jacob , Dr. S. Perumal Sankar
17	Stability Routing In Fso-Manets	IJRET: International Journal of Research in Engineering and Technology	Jan-16	5	Deena George , S Perumal Sankar
18	Design of an Intelligent Speaker Recognition System Using Mel Frequency Spectrum Coeffients and Vector Quantization for Biometric Authentication	International Journal of Computer Science and Network	Dec-15	4	Sreelakshmi V Dr. Gnana Sheela K
19	Detection of Malaria Infecting Parasite from Thin Smear Digital Images	International Journal of Applied Engineering Research (IJAER)	Jul-15	10	Dr N Hariharan, Dr.S.Perumal Sankar, AswathySuresh Arunima P
20	An Improved Technique For Detection Of Textured Contact Lenses On Iris Recognition	International Journal of Applied Engineering Research (IJAER)	Jul-15	10	Gokul Kishan, Dr. N Vishwanath Dr. S Perumal Sankar,
21	A Novel Iris Recognition Algorithm for Iris Images Captured At-A-Distance	International Journal of Applied Engineering Research (IJAER)	Jul-15	10	Harisankar R, Vishwanath N S PerumalSankar,
22	An effective content based medical image retrieval using ABC based Artificial Neural Network(ANN)	Current Medical Imaging Reviews,Bentham Science Publishers	Jul-15	12	Dr.S.Perumal sankar Dr.N.Vishwanath Dr. Hong Jer Lang S. Er. Karthick