

Journal Publications - 2012

S. No.	Author names	Title of the article	Journal name	Year	V ol	Iss ue	start ing	Endin g	ISSN no.	Collaborator affiliation, if any
1	A. Beno, D.S.Emmanuel	High Gain Inverted U shaped miniaturised patch antenna for	Microwave and Optical Technology	2012	55	1	27	31	1098-2760	Sivanthi aditanar engineering college, Tamilnadu.
2	A. Beno, D.S.Emmanuel	Miniaturised reconfigurable window slot antenna	International Journal of Electronics	2012	##	11	Nil	Nil	0020-7217	Sivanthi aditanar engineering college, Tamilnadu.
3	A.Karthikeyan, Arunkumar.K, V.Srividhya T.Shankar	Through put utility enhancement of cognitive cognitive wimax with Femto-	Journal of Theoretical and Applied Information	2012	42	Nil	227	236	1992-8645	Anna University, Tamilnadu
4	A.Karthikeyan, T.Shankar, V.Srividhya, Suryalok.Sarkar, Akanksha Gupte	ENERGY EFFICIENT DISTRIBUTED IMAGE COMPRESSION USING JPEG2000	Journal of Theoretical and Applied Information Technology(J TAIT)	2012	42	2		883	1992-8645	Anna University, Tamilnadu
5	A.Sangeetha,Midhun P.Abraham and Nevil Bruno	Analysis of underwater environment and establishment of	European Journal of scientific research	2012	87	Nil	Nil	Nil	1450-216X	Nil
6	Arulmozhivarman Pachiyappan, Undurti N Das, Tatavarti VSP	Automated diagnosis of diabetic retinopathy and glaucoma using	Lipids in Health and Diseases	2012	13	Nil	11	73	1476-511X	Jawaharlal Nehru Technological University, GVP-SIRC
7	Arun, M., Krishnan, A.	Functional verification of signature detection architectures for high	International Journal of Automation and	2012	9	4	395	402	1476-8186	K. S. Rangasamy College of Technology, Tiruchengode, India.

8	Bagubali, Kishore V Krishnan	Handover Problem for Integrating LTE with Femto Cell Network	Journal of Theoretical and Applied Information	2012	46	2	NIL	NIL	1992-8645	Nil
9	Chakraverty M and Harish Kittur Mallikarjun	First principle study of tunnel currents through CeO ₂ , Y ₂ O ₃ , TiO ₂ and Al ₂ O ₃ dielectrics in	Advanced Materials Research	2012	##	Nil	428	432	1662-8985	Nil
10	D Kannadassan, R Karthik, Maryam Shojaei	Nanostructured Barrier type Anodic Oxide Metal-	Journal of Nanoelectronics and	2012	5	1	1	5	1555-130X	Indian Institute of Technology, Bombay
11	D. Thiripurasundari, D.S. Emmanuel	Magnetic Current Distribution Analysis of Arrow Shaped Antenna	Journal of Theoretical and Applied Information	2012	46	1	506	509	1992-8645	Nil
12	D. Thiripurasundari, D.S. Emmanuel	Miniatured Planar Monopole UWB Antenna With Single	International Journal of Microwave	2012	7	3	142	146	1553-0396	Nil
13	D. Thiripurasundari, D.S. Emmanuel	Printed Tapered Compact UWB Antenna With Single Band Notch	Journal of Theoretical and Applied Information	2012	35	1	119	125	1992-8645	Nil
14	G.K.Rajani,G.R. Reddy	Block Based Approach of Fingerprint Authentication using	European journal of Scientific Research	2012	88	2	251	260	1450-216X	Nil
15	Jabeena, A., Sairam Reddy, R., Praneeth,	Laser based optical transceiver for data transfer of free space	European Journal of Scientific	2012	67	2	294	300	1450-216X	Nil
16	K N Sesharaman and Harish Kittur Mallikarjun	An OTA-based CMOS bandpass filter for NMR	International Journal of Electronics	2012	99	Nil	1635	1649	0020-7217	Nil

17	K Sivasankaran, Kannadassan, D., Seetaram, K., Mallick, P.S	Bias and geometry optimization of silicon nanowire transistor: Radio	Microwave and Optical Technology Letters	2012	54	9	2114	2117	1098-2760	Nil
18	K.Vinoth Babu, Dr.G.Ramachandra Reddy, M.Arthi	Modified Dynamic Subcarrier Bandwidth (MDSB) OFDM Systems For Energy Efficient	Journal of Theoretical and Applied Information Technology(J	2012	4	2	221	226	1992-8645	Anna University, Tamilnadu
19	Karthikeyan, A., Arunkumar, K.,Srividhya, V., Shankar, T.	THROUGHPUT UTILITY ENHANCEMENT OF COGNITIVE	Journal of Theoretical and Applied Information	2012	42	2	227	236	1992-8645	Anna University, Tamilnadu
20	Lakshmanan, M., Mallick, P.S.,Nithyanandan, L.	Multiuser Detection based Timing Offset Estimation for Uplink Mobile WiMAX	International Journal of Theoretical and Applied	2012	42	2	252	259	1992-8645	Pondicherry Engineering College, Pondicherry
21	M. Jasmine Pemeena Priyadarsini, K.Murugesan,	Efficient Face Recognition in Video by Bit Planes Slicing	Journal of Computer Science	2012	5	Nil	26	30	1549-3636	Anna University
22	M. Saranya, C. Santhosh, S. Prathap	Synthesis and characterisation of CuS nanomaterials	Journal of Experimental Nanoscience	2012	1	Nil	1	8	1745-8099	Nil
23	M.Saranya and A.Nirmala Grace	Hydrothermal synthesis of CuS nanostructures with	Journal of Nanoresearch	2012	18	19	Nil	Nil	1662-5250	Nil
24	Muthuraja, S., Govardhan, K., Khan, N.,	Ethanol sensor based on dip coated ZnO thick films	Journal of Applied Sciences	2012	12	16	1618	1623	1812-5662	Nil
25	Nandakumar, S., Khara, S.	A linear model of call intercepting probability of	Lecture Notes in Computer	2012	Nil	###	348	356	0302-9743	Nil

26	Prabhu Ramanathan, Marimuthu.R, Sarjila.R, Sudha	Performance Comparisons of Interface Circuits for Measuring	Journal of Theoretical and Applied Information	2012	39	1	1	5	1992-8645	Nil
27	Rajesh, R., Thiruvengadam, S.J.	Cooperated Beam-Forming Algorithm for Aiding the Outer Edge Users Using	European journal of scientific research, Vol	2012	82	1	73	81	1450-216X	Nil
28	Ramesh Babu, N., P. Arulmozhivarman	Forecasting of Wind Speed using Artificial Neural	International Review on Modeling and	2012	5	5	2276	2280	1974-9821	Nil
29	S. Sivabalan, Member, IEEE,	Large Pitch Photonic Quasi-Crystal Fiber	IEEE Photonics	2012	4	Nil	943	951	1943-0655	Nil
30	S. Vivekanandan, D.S.Emmaneul, Richa kumari	Modelling of Ulnar nerve and its Muscular Branches using Hodgkin Huxley and Fitzhugh	European Journal of scientific research	2012	69	4	541	549	1450-216X	Nil
31	S.Revathi, Dr. Srinivasa Rao Inbathini,	“Analysis of Propagation Characteristics in Photonic Crystal	Journal of Theoretical and Applied Information	2012	36	1	129	133	1992-8645	Nil
32	Shankar, T., Dhanabal, R.,Karthikeyan, A.,Shanmugavel,	Improvement of spatial reuse and throughput using OCSMA protocol in	Journal of Theoretical and Applied Information	2012	35	2	215	224	1992-8645	Anna University, Tamilnadu
33	Shankar, T., Shanmugavel, S.,Karthikeyan,	Selection of Cluster Head using Neural Network in wireless	European Journal of Scientific	2012	83	3	320	337	1450-216X	Anna University, Tamilnadu
34	Sugumaran, S., Vamsi Nath Reddy, P., Reddy, S.V.S.M.,	Design of WDM optical networks for the analysis of cross phase modulation and	Communications in Computer and	2012	Nil	269	370	379	1865-0929	Nil

35	T. Shankar, R. Dhanabal, A. Karthikeyan, Dr. S. Shanmugavel, v. Bharathi	IMPROVEMENT OF SPATIAL REUSE AND THROUGHPUT USING OCSMA PROTOCOL IN	Journal of Theoretical and Applied Information Technology(J TAIT)	2012	35	Nil	215	224	1992-8645	Anna University, Tamilnadu
36	T.Shankar, Dr.S.Shanmugavel, A.Karthikeyan,	Selection of Cluster Head using Neural Network in wireless	European Journal of Scientific	2012	83	Nil	320	337	1450-216X	Anna University, Tamilnadu
37	Thanikaiselvan V, Arulmozhivarman P, Amirtharajan, Rengarajan , John	Graceful graph for graceful security-towards a ste (G) raph	Research Journal of Information Technology	2012	4	4	220	227	1815-7432	SASTRA University, Tamilnadu.
38	Thanikaiselvan V, Arulmozhivarman P, Amirtharajan, Rengarajan , John	Horse riding & hiding in image for data guarding	Procedia Engineering	2012	30	Nil	36	44	1877-7058	SASTRA University, Tamilnadu.
39	Thiripurasundari, D., Emmanuel, D.S.	Magnetic Current Distribution Analysis of Arrow Shaped Antenna	Journal of Theoretical and Applied Information	2012	46	1	505	509	1992-8645	Nil
40	Thiripurasundari, D., Emmanuel, D.S.	Printed Tapered Compact UWB Antenna With Single Band Notch	Journal of Theoretical and Applied Information	2012	35	1	119	125	1992-8645	Nil

41	Thrinath Reddy Ramireddy, Velmurugan Venugopal, Jagadeesh Babu Bellam, Arturo Maldonado,	Effect of the Milling Time of the Precursors on the Physical Properties of Sprayed Aluminum-Doped Zinc Oxide (ZnO:Al)	Materials	2012	5	8	1404	1412	1404-1412	Department of Electrical Engineering-SEES, CINVESTAV-IPN, Apdo. Postal 14-740, México D.F. 07000, Mexico
42	V. S. Kanchana Bhaaskaran and J. P. Raina	Pre-resolve and Sense Adiabatic Logic for 100 kHz to 500 MHz Frequency	Journal of Circuits, systems and computers	2012	21	Nil	1	20	0218-1266	Nil
43	Vinoth Babu, k., Ramachandra Reddy, G., Arthi, M.	Modified Dynamic Subcarrier Bandwidth (MDSB) OFDM Systems for Energy efficient	Journal of Theoretical and Applied Information Technology	2012	42	2	221	226	1992-8645	Anna University, Tamilnadu
44	Vinoth Babu, k., Ramachandra Reddy, G., Gupta, S., Chauhan.,	Throughput improvement in mobile OFDM system with pilot free	Comunicatio n in Computer and	2012	##	Nil	386	391	1865-0929	Nil
45	ANITHA R ,BAGYAVEERE SWARAN V	HIGH PERFORMANCE PARALLEL PREFIX ADDERS	IJARET(IAEME)	2012	3	Nil	1	10	2394-2975	Nil
46	Anitha R, Alekhya Nelapati, Lincy Jesima W,	Comparative Study of High performance Braun's Multiplier	IOSRJECE	2012	1	Nil	33	37	2278-2834	Nil
47	D V S Ramanjaneyulu, Gerardine Immaculate Mary	Vehicle to Vehicle Wireless Real Time Image Transmission for Traffic	International Journal of Applied Information	2012	1	2	16	19	2249-0868	Nil

48	G Reddappa Reddy, Neeli Karthik, P V Rajesh, Gerardine	CAN Based Fire and Gas Safety System	International Journal of Engineering and	2012	2	2	5	11	2277-3754	Nil
49	Gerardine I Mary	Ethernet and Embedded Networking for	i-manager's Journal on Embedded	2012	1	2	1	4	2278-7895	Nil
50	Nisha Kuruvilla, Amrutha, J P Raina	Low-k Dielectric – A Potential solution for Crosstalk Induced signal integrity in	Journal of VLSI and Signal Processing	2012	1	Nil	Nil	Nil	2319 – 4200	Nil
51	Nisha Kuruvilla, Kollarama Subramanyam, J P Raina	Physical Parameter Based model for Characteristic impedance of SWCNT	Innovative Systems Design and Engineering	2012	Nil 1	Nil	Nil	Nil	2222-1727	Nil
52	Robinson Ebi Elias. J and Rajesh. R	Quasi-Orthogonal Space-Time- Frequency Trellis Codes for MIMO-	International Journal of Software Engineering	2012	3	3	23	33	0975-9018	Nil
53	S. Vivekanandan, D.S.Emmaneul, Ramandeep singh	Modelleing of gastrocnemius muscle using Hill's	International Journal of Computer	2012	9	3	396	400	0975-9646	Nil
54	V V. Jagannadham, C. Anandan, R G. Divya Rao, K S.	Effect of Bipolar Pulsed Voltage on Properties of DLC Films Deposited by	International Journal of Engineering Research and	2012	2	Nil	2034	2042	2248-9622	Nil