

Department of Information Technology
List of Publications

LIST OF PAPERS PUBLISHED in 2017

Sl	Author (Including Co-author)	Title of the Paper	Detail of Paper (including Vol., Issue, Pg. No. Year)	Nature of Paper (Journal/Conference/Book Chapter)	National/ International	Journal Impact No./SCI Index/ISBN No/ISSN No.
1	Sumit Das, Susanta. Biswas, Aniruddha Biswas	Impact of Advance Pedagogy in Engineering and Outcome based Education	Foundation of Computer Science FCS, New York, USA Volume 6 – No.8	Journal	International	ISSN : 2394- 4714
2	Annweshha Banerjee, Dipak Kumar Shaw	A Load Balancing Algorithm for Selection of Competent Server based on Capacity Load and Energy	Indian Journal of Computer Science and Engineering (IJCSE) Vol. 8 No. 4 Aug-Sep 2017	Journal	National	ISSN : 0976- 5166
3	Som subhra Gupta, Soumya brata Saha, Suchandan Ganguly	A Secured Heuristic Routing Algorithm for Vehicular Ad- Hoc Networks,	International Journal of Latest Trends in Engineering and Technology Vol.(8)Issue(3), pp.361-371, 2017	Journal	International	e-ISSN : 2278-621X
4	Somsubhra Gupta, Debasmita Mula	Precaution of Heart Failure Based on Computer Aided Diagnosis System	International Journal of Latest Trend in Engineering Technology, Volume 8, Issue: 4, pp. 36-44,2017	Journal	International	ISSN: 2319 - 3778
5	Somsubhra Gupta, Ritadrik Chowdhury	An embedded AI System for enhancement of Computer Literacy rate with case study in INDIA	International Journal of Latest Trend in Engineering Technology, Volume 8, Issue: 4, pp. 36-44,2017	Journal	International	ISSN: 2319 - 3778

6	K.G. Verma, S. Gupta, D. Mitra	Identification of mass of tissue growth in brain – region under the framework of image segmentation	International Journal of Latest Trend in Engineering Technology (IJLTET: Thomson Reuters / UGC approved, Impact: 4.490, GI: 0.685/1) ISSN: 2319 -3778 / 2278-621X (e), Volume 8, Issue: 4, pp.179-186, 2017	Journal	International	ISSN: 2319-3778/ 2278-621X
7	Sumit Das, Aniruddha Biswas, Debomay Dutta	AISLDr: Artificial Intelligent Self-Learning Doctor	6 th International Conference on Frontiers of Intelligence Computing: Theory and Applications (FICTA 2017)	Conference	International	Yet to publish on Journal
8	Suparna DasGupta, Soumyabrata Saha, Koyel Chatterjee	Remote Healthcare Development Using Vehicular Ad hoc and Sensor Networks	International Conference on Computing Analytics and Networking (ICCAN 2017)	Conference	International	ISBN: 9789811078705
9	Annwesh Banerjee Majumder, Somsubhra Gupta	Dynamic Programming Based DNA Compression Algorithm through Substitution Method	International Journal in Engineering & Applied Science. Vol.4, Issue 10, October 2017	Journal	International	ISSN:2394-3661
10	Sumanta Chatterjee, Dr. Somsubhra Gupta	“Information mining and e-marketing plan on real time data in cottage industries.	International Journal of Engineering and Applied Sciences (IJEAS: Thomson Reuters / UGC approved, SJIF: 5.138 ; PIF:3.854) ISSN: 2394-3661, Volume-4, Issue-10, October 2017	Journal	International	ISSN: 2394-3661
11	Somsubhra Gupta, A. Pramanik	Partial development of a Prototype	International Journal of Engineering and Applied Sciences	Journal	International	ISSN: 2394-3661

		Dimensional Model of Data Warehouse for the Engineering Education Information System in West Bengal	Volume-4, Issue-10, October 2017			
12	Somsubhra Gupta, Abhishek Haldar, Deb Govind Ganguly	Heuristic detection of blockage in coronary arteries from cardiac magnetic resonance imaging images and predicting heart failure risk using digital image processing	International Journal of Latest Trend in Engineering Technology, Volume 8, Issue: 4, pp. 06-14, 2017.	Journal	International	ISSN: 2319 - 3778
13	Tanusree Saha, Kakali Das	Integration and Interrelation of Big data With Cloud Computing: A Review	International Journal of computer sciences and Engineering, (IJCSE) Volume 5, Issue: 11, pp. 181-185, 2017, November	Journal	International	ISSN: 2347 - 2693
14	Rupashri Barik, Krishna Santra, Runa Ghosh, Pronay Sarkar	A Petri-Net Based Presentation of Automated Railway Signaling System with Collision Avoidance	International Journal of computer sciences and Engineering, (IJCSE) Volume 5, Issue:12, 2017, December	Journal	International	ISSN: 2347 - 2693
15	Sumanta Chatterjee, Dr. Somsubhra Gupta, Tanusree Saha	An e-Commerce portal for online Medicine trading	International Journal of Engineering and Applied Sciences (IJEAS: Thomson Reuters / UGC approved, SJIF: 5.138 ; PIF:3.854) ISSN: 2394-3661, Volume-4, Issue-12, December, 2017	Journal	International	ISSN: 2394- 3661

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1	Tanusree Saha	“Complement Based Modified Approach to Secure Small Text Message Combining Triangulation Method”	International Journal of Innovations in Engineering and Technology (IJIET) Volume 6,issue-4	Journal	International	ISSN 2319 – 1058
2	Rupashri Barik, Amitava Sinha	Taxonomy of recon figurable Computing and Operating System	International Journal of Innovations in Engineering and Technology (IJIET) Volume 6,issue-4	Journal	International	ISSN 2319 – 1058
3	Suparna DasGupta, Soumyabrata Saha	A Study of Energy Efficient Routing Protocols for Wireless Sensor Networks	International Journal of Scientific & Engineering Research, Volume 7, Issue 2, February- 2016	Journal	International	ISBN : 973- 93-80885-99-6

LIST OF PAPERS PUBLISHED in 2015

Sl	Author (Including Co- author)	Title of the Paper	Detail of Paper (including Vol., Issue, Pg. No. Year)	Nature of Paper (Journal/Confer ence/Book Chapter)	National/ International	Journal Impact No./SCI Index/ISBN No/ISSN No.
1	Suparna DasGupta, Soumyabrata Saha	" A Study of Hierarchical Routing Protocol for Wireless Sensor Networks"	published in the International Journal of Scientific & Engineering Research, Volume 6, Issue 10, pp:912-918, October 2015,	Journal	International	ISSN 2229-5518
3	Sumit Das, Aritra Dey, Akash Pal, Ashutosh Mohanty, Nabamita Roy, "	"Applications of Artificial Intelligence in Machine Learning: Review and Prospect	International Journal of Computer Applications",© 2015 by IJCA Journal, Volume 115 - Number 9, Year of Publication: 2015,	Journal	International	ISBN : 973-93-80885-99-6
3	Annwasha B Majumder, Di pak Kumar Shaw, Md. Shabbir Ahmad	"Achieving Cloud Security through Multiplicative Homomorphic Algorithm by Adding Zero",	International Journal of Innovations in Engineering and Technology (IJIET), Volume 6 Issue 2 December 2015	Journal	International	ISSN: 2319 – 1058, P201-205
4	A. Banerjee, S. Gupta	Proposed Intelligent System to identify the level of risk of Cardiovascular Diseases under the framework of Bioinformatics"	Advancement of Medical Electronics, Lecture Notes in Bioengineering, Springer, pp. 3-12	Conference	International	ISBN: 978-81-322-2255-2
5	Tanusree Saha	"An Enhanced Approach to Secure Message Using Combination of Symmetric and Asymmetric Cryptography and Triangulation Method"	International Journal of Latest Trends in Engineering and Technology (IJLTET), Vol. 5 Issue 1 January 2015	Journal	International	ISSN: 2319-3778
6	Debashis Sanki, Dr. S.Biswas, Dr. P.P.Sarkar	"Variable Quantization Table Creation Using Genetic Algorithm for JPEG Compression and Steganography"	International Journal of Imaging and Robotics, 2014.	Journal	International	

LIST OF PAPERS PUBLISHED in 2014

Sl	Author (Including Co- author)	Title of the Paper	Detail of Paper (including Vol., Issue, Pg. No. Year)	Nature of Paper (Journal/Confer ence/Book Chapter)	National/ International	Journal Impact No./SCI Index/ISBN No/ISSN No.
1	S. Palui, S. Gupta	“An Unique Sorting Algorithm With Linear Time Complexity”,	International Journal of Research in Engineering and Technology (IJRET), Vol.3, Issue. 11, pp. 264-268	Journal	International	ISSN No. 2321-7308
2	S. B. Saha, R.Chaki	Hierarchical Routing protocol for Wireless Sensor Network”,	Proceedings of Eighth International Multi Conference on Information Processing, IMCIP- 2014,(ELSEVIER conference), July 2014.	Conference	International	
3	Sumit Das, Ashutosh Mohanty, Aritra Dey, Aniruddha Biswas,	”An Integrated Design of an Auto Clean and Cooling Smart PV Panel”,	International Journal of Innovations in Engineering and Technology (IJIET), Vol. 4 Issue 1 June 2014,	Journal	International	ISSN: 2319 – 1058
4	Debasree Mitra , Rupashri Barik , Sanjoy Roy, Sonali Bhattyacharyya	Cumulative Measurement of Image Entropy on Different Mathematical Morphological Operation”,	published in the proceedings of International Conference on Computing, Communication and Manufacturing,(ICC CM’2014),	Conference	International	ISBN 978-0- 9940194-0-0.
5	Debasree Mitra, Rupashri Barik , Sanjoy Roy, Sonali Bhattyacharyya	“A survey on Image Segmentation and Image Registration”,	published in the proceedings of International Conference on Computing, Communication and Manufacturing,(ICC CM’2014),	Conference	International	ISBN 978-0- 9940194-0-0.
6	Annwasha Banerjee Majumder, MonidipaTara fder, KankanaBharm a, AnanyaSengupt a	,An Alphabetic Position Based Shift Message Encryption Algorithm Applied in Cloud Security”	3 rd International Conference on Computing Communication Sensor Network, December, 2014	Conference	International	ISBN: 81- 85824-46-0.
7	Prolay Ghosh	“Power dissipation of VLSI circuits and modern techniques of designing low	3 rd International Conference on Computing Communication Sensor Network,	Conference	International	ISBN: 81- 85824-46-0.

		power VLSI systems"	December, 2014			
8	Debashis Sanki, Dr. S.Biswas, Dr. P.P.Sarkar	"Variable Quantization Table Creation Using Genetic Algorithm for JPEG Compression and Steganography"	International Journal of Imaging and Robotics, 2014.	Journal	International	

LIST OF PAPERS PUBLISHED in 2013

Sl	Author (Including Co- author)	Title of the Paper	Detail of Paper (including Vol., Issue, Pg. No. Year)	Nature of Paper (Journal/Conference/Book Chapter)	National/ International	Journal Impact No./SCI Index/ISBN No/ISSN No.
1	A. Banerjee, S. Gupta	Production Systems for Identification of Correspondence between Genetic Patterns and Hand-written Signatures in a Family Hierarchy	Int. Conf. on Electrical, Electronics and Computer Engineering (EECE) 2013, Page 12-18	Journal	International	ISBN 978-81-927182-2-4
2	S. Roy, S. Gupta,	An Inter-dependent Cloud Computational Framework Incorporating Multi-platform Switchover	In proc. of Int. Conf. on Electrical, Electronics and Computer Engineering (EECE) 2013, Page 24-29	Conference	International	ISBN 978-81-927182-2-4
3	S.Sahana, A.Chaudhuri, S.dasGupta, S.B.Saha	Secure Authentication Based Hierarchical Routing for VANET	International Conference on Computation and Communication Advancement IC3A-2013.	Conference	International	ISBN:- 978-1-25-906393-0
4	P.Ghosh, T.Saha	Three Tier Data Encryption technique to Hide a Secret Message Combining Different Symmetric Key Encryption Technique to Achieve Data Security Based on ASCII value.	Published in the Proceedings of the National Conference on Control, Communication & Device Electronics N3CD-2013	Conference	National	
5	P. Ghosh	Low power low voltage high speed circuit design by reducing the gate length.	Published in the proceedings of the National Conference on Control, Communication & Device Electronics N3CD-2013	Conference	National	
6	Nilanjan Dey, SouravSamanta ,	Optimisation of Scaling Factors in Electrocardiogram Signal Watermarking using Cuckoo Search	International Journal of Bio-Inspired Computation (IJBIC), 2013 Vol.5, No.5 , pp.315 - 326	Journal	International	ISSN print: 1758-0366
7	S. Sarkar, S. Gupta,	A Comprehensive Approach for Fruit Pattern	In proc. of Int. Conf. on Electrical, Electronics and	Conference	International	ISBN 978-81-927182-2-4

		Recognition Under the Framework of Digital Image Processing	Computer Engineering (EECE) 2013, Page 19-23			
8	S. SenGupta	An approach to provide a network layer security model with QR code generated with shuffled GPS parameters as embedded keys traveling over Internet using existing IPv4 mechanism.	International Journal of Computer Networks (ELSEVIER) Vol. 57 Issue. 11 pp. 2313-2330	Journal	International	ISSN: 1389-1286
9	S. DasGupta, R. Chaki, S. Choudhury	TruVAL: Trusted Vehicle Authentication Logic for VANET.	Proceedings of the Third International Conference in Advances in Computing, Communication, and Control (ICAC3—2013) Volume 361.	Conference	International	ISBN: 978-3-642-36320-7
10	A. Banerjee, R. Barik, P. Maiti, P. Bhattacharya	ROBO-SCORPION: An Autonomous Robot with its Intended Function.	Published in the proceedings of the International Conference on Computation and Communication Advancement (IC3A-2013),	Conference	International	ISBN: 81-85824-46-0
11	NilanjanDey	An Edge Based Watermarking Technique of Medical Images without Devalorizing Diagnostic Parameters	International Conference on Advances in technology and Engineering, NMIMS University, Mumbai, India, January 23-25, 2013, IEEE Xplore	Conference	International	
12	NilanjanDey	An Efficient Motion Estimation Algorithm using Division Mechanism of Low and High Motion Zone	International Multi Conference on Automation, Computing, Control, Communication and Compressed Sensing, iMac4s-2013, Kerala, India, On 22 - 23 March 2013, IEEE Xplore	Conference	International	
13	NilanjanDey	A Study of Taxonomy of Digital Watermarking and Attacks	The Third International Conference on Computer Science and Information Technology (CCSIT-	Conference	International	

			2013), February 18-20, 2013, Bangalore, India, Springer in Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering (LNICST) Series			
14	NilanjanDey	BioHash Code Generation from Electrocardiogram Features	3rd IEEE International Advance Computing Conference (IACC-2013) February 22-23, 2013 , Ghaziabad (UP), IEEE Xplore	Conference	International	

LIST OF PAPERS PUBLISHED in 2012

Sl	Author (Including Co- author)	Title of the Paper	Detail of Paper (including Vol., Issue, Pg. No. Year)	Nature of Paper (Journal/Confer ence/Book Chapter)	National/ International	Journal Impact No./SCI Index/ISBN No/ISSN No.
1.	D. Sanki, A. Goswami, S. Palui	Implementation of a Cryptographic Algorithm using Partition of Odd- Even Numbers.	Published in the proceedings of the International Conference of the Computing, Communication and Sensor Networks, (CCSN'2012)	Conference	International	ISBN 81- 85824-46-0.
2.	R. Barik, A. Banerjee, M. Mitra	An Interactive Robotic Design for Object Detection and Follow up Action	IJCA Special Issue on International Conference on Computing, Communication and Sensor Network CCSN-2012 (3):, pp. 32-37	Journal	International	ISBN 81- 85824-46-0.
3.	D.Mitra	Brightness Preserving Contrast Enhancement Techniques Based on Histogram Stretching and Histogram Thinning	Published in the proceedings of the INTERNATIONAL CONFERENCE ON COMMUNICATION LANGUAGES AND SIGNAL PROCESSING- ICCLSP- 2012	Conference	International	
4.	NilanjanDey	A Session Based Watermarking technique Within the NROI of Retinal Fundus Images for Authencation Using DWT,Spread Spectrum and Harris Corner Detection	International Journal of Modern Engineering Research, Vol.2, Issue 3, May-June 2012, pp-749-757	Journal	International	ISSN: 2249- 6645[Index ed at Micro soft Academic]
5.	NilanjanDey	Shape & Size Analysis Of Mineral Grains From Photomicrographs Using Harris Corner Detection	International Journal of Advances in Engineering, Science and Technology (IAEST), Vol. 2 No. 2 May-July 2012,	Journal	International	ISSN: 2249- 913X
6.	NilanjanDey	Wavelet Based QRS Complex Detection of ECG Signal	International Journal of Engineering Research and Applications, Vol. 2, Issue 3, May-Jun 2012, pp.2361-2365 [Indexed at EBSCO	Journal	International	ISSN: 2248- 9622

			Host, SCOPUS]			
7.	NilanjanDey	Wavelet Based Normal and Abnormal Heart Sound Identification Using Spectrogram Analysis	International Journal of Computer Science & Engineering Technology (IJCSET), Vol. 3 No. 6 June 2012	Journal	International	ISSN: 2229-3345
8.	NilanjanDey	Using DWT analysis of P, QRS and T Components and Cardiac Output Modified by Blind Watermarking Technique within the Electrocardiogram Signal for Authentication in the Wireless Telecardiology	I.J. Image, Graphics and Signal Processing(IJIGSP), 46, Published By: MECS Publisher, [Indexed at EBSCO, Crossref]	Journal	International	ISSN:2074-9074, 2012, 7, 33-
9.	NilanjanDey	Detection and Measurement of Bimalleolar Fractures Using Harris Corner	ICACCI-2012Chennai, India, 3-5 Aug. 2012, ACM Digital Library (DBLP indexed)	Conference	International	[ISBN-978-1-4503-1196-0]
10.	NilanjanDey	Optical Cup To Disc Ratio Measurement In Glaucoma Diagnosis Using Harris Corner	Third International Conference Computing Communication and Technologies(ICC NT12), July 2012, Coimbatore, IEEE Xplore	Conference	International	
11.	NilanjanDey	Stationary Wavelet Transformation Based Self-Recovery of Blind-Watermark from Electrocardiogram Signal in the Wireless Telecardiology	International Workshop on Intelligence and Security Informatics for International Security (IIS'12) , 11-12 October 2012, Trivandrum, India, [Springer in Communications in Computer and Information Science Series(CCIS)	Conference	International	ISSN: 1865:0929. CCIS is abstracted/indexed in ISI Proceedings, Scopus, EI and DBLP
12.	NilanjanDey	Stationary Wavelet Transform Based Audio Authentication Technique	The Second International Conference on Computational Science, Engineering and Information Technology (CCSEIT-2012), ACM International	Conference	International	

			Conference Proceeding Series (ICPS)			
13.	NilanjanDey	Feature Analysis for the Blind-Watermarked Electroencephalogram Signal in Wireless Telemonitoring Using Alattar's Method	5th International Conference on Security of Information and Networks (SIN 2012), In Technical Cooperation with ACM Special Interest Group on Security, Audit and Control (SIGSAC). Proceedings by ACM Press and Digital Library, 22-26 October 2012, Jaipur, India	Conference	International	
14.	NilanjanDey	DWT-DCT-SVD Based Intravascular Ultrasound Video Watermarking	Second World Congress on Information and Communication Technologies (WICT 2012), Trivandrum, India: October 30-November 02, 2012, IEEE Xplore	Conference	International	
15.	NilanjanDey	DWT-DCT-SVD Based Blind Watermarking Technique of Gray Scale Image in Electrooculogram Signal	International Conference on Intelligent Systems Design and Applications (ISDA-2012), Kochi, 27-29 Nov. 2012, IEEE Xplore	Conference	International	
16.	NilanjanDey	Analysis Of Photoplethysmographic Signals Modified by Reversible Watermarking Technique using Prediction-Error in Wireless Telecardiology	International Conference of Intelligent Infrastructure , 47th Annual National Convention of CSI – Kol, 01 - 02 December 2012 , McGraw-Hill Proceeding	Conference	International	
17.	NilanjanDey	Lifting Wavelet Transformation Based Blind Watermarking Technique of Photoplethysmographic Signals in Wireless Telecardiology	Second World Congress on Information and Communication Technologies (WICT 2012), Trivandrum, India: October 30-November 02, 2012, IEEE Xplore	Conference	International	
18.	NilanjanDey	Wavelet Based Watermarked Normal and Abnormal Heart	International Conference on Computational Intelligence and	Conference	International	

		Sound Identification using Spectrogram Analysis	Computing Research (ICCIC),Tamilnadu College of Engineering,Coimbatore,India, Dec 18 - 20, 2012			
19.	NilanjanDey	Feature Analysis for the Reversible Watermarked Electrooculography Signal using Low Distortion Prediction-error Expansion	2012 International Conference on Communications, Devices and Intelligent Systems (CODIS), Jadavpur University,Dec-28-29, IEEE Explore	Conference	International	
20.	NilanjanDey	Multilevel Threshold Based Gray Scale Image Segmentation using Cuckoo Search	International Conference on Emerging Trends in Electrical, Communication And Information Technologies - ICECIT, Dec 12-23, 2012, ELSEVIER Proceedings	Conference	International	
21.	NilanjanDey	A Novel Block Matching Algorithmic Approach with Smaller Block Size for Motion Vector Estimation in Video Compression	International Conference on Intelligent Systems Design and Applications (ISDA-2012), Kochi, 27-29 Nov. 2012, IEEE Xplore	Conference	International	
22.	NilanjanDey	BioHash Code Generation from Electrocardiogram Features	3rd IEEE International Advance Computing Conference (IACC-2013) February 22-23, 2013 , Ghaziabad (UP), IEEE Xplore	Conference	International	
23.	NilanjanDey	Detection and Measurement of Arc of Lumen Calcification from Intravascular Ultrasound using Harris Corner Detection	National Conference on Computing and Communication Systems (NCCCS), Dr. B.C Roy Engineering College,Durgapur,21-22 Nov. 2012, IEEE Xplore	Conference	National	
24.	NilanjanDey	A Robust DWT Based Signature Authentication Technique for E-Commerce Services	Sustainable Business Growth and Modern Management, Centre For Management Studies,JIS College Of Engineering, April 27-28, 2012	Conference	National	
25.	NilanjanDey	Alattar's Method Based Reversible	Intellectual Property Rights And Patent	Conference	National	

		Watermarking Technique of EPR within Heart Sound in Wireless Telemonitoring	Laws,IPRPL-2012, GKCEM, K.P.BasuMemorial Auditorium, Jadavpur University, August 25, 2012			
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1	R. Chowdhury, S. Gupta, A. Saha	Stochastic Seed Based Cryptographic Technique [SSCT] Using Dual Formula Key [DFK]	Proceedings of the International Conference on Communication and Industrial Applications (ICCIA) 2011	Conference	International	978-1-4577-1915-8		2011
2	R. Chowdhury, S.Gupta	Unique Grade-To Percentage Conversion [UGPC]: An Enhanced Knowledge Infrastructure For Better Performance Evaluation	Published in the Proceedings of the International Conference on Frontiers of Infrastructure Finance (ICFIF) 2011	Conference	International			2011
3	G. Majumder, S. Gupta,	Scaling Conflict as a Rider of Organizational Output	Published in the Proceedings of the International Conference on Frontiers of Infrastructure Finance (ICFIF) 2011	Conference	International			2011
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4	B.B. Pal, S. Gupta,	A Genetic Algorithm Based Stochastic Simulation Approach to Fuzzy Chance Constrained Interval-Valued Multiobjective Decision Making Problems	Proceedings of the International Congress on Productivity, Quality, Reliability, Optimization and Modelling (ICPQROM) 2011, , Vol-I, pp.254-266,	Conference	International	ISBN: 978-81-8424-708-4, Vol-I		2011
5	T.Bhattacharya, S. Hore, A. Mukherjee, S. R. BhadraChaudhuri	A Novel Data Encryption Technique by Genetic Crossover of Robust Biometric Key and Session Based Password	International Journal of Network Security & Its Applications (IJNSA), Vol.3, No.2, pp 111-120.	Journal	International	ISSN 0974 - 9330		2011
6	T. Bhattacharya, N. Dey S. R. BhadraChaudhuri	A Novel Session Based Dual Steganographic Technique Using DWT and Spread Spectrum”,	International Journal of Modern Engineering Research (IJMER), Vol.1, Issue1, pp-157-161.	Journal	International	ISSN: 2249-6645		2011
7	T. Bhattacharya, S. Hore and S. R. BhadraChaudhuri	A Novel Data Encryption Technique by Genetic Crossover of Robust Finger Print Based Key and Handwritten Signature Key	International Journal of Computer Science Issues (IJCSI), Vol. 8, Issue 5, No 2, pp209-214.	Journal	International	ISSN (Online): 1694-0784		2011
8	T. Bhattacharya, N. Dey S. R. BhadraChaudhuri	A Novel Session Based Dual Image Encoding and Hiding Technique Using DWT and Spread Spectrum	International Journal on Computer Science and Engineering (IJCSE), Vol. 3, No.11, pp3510-3517.	Journal	International	ISSN: 2229-5631		2011
Sl	Author (Including Co-author)	Title of the Paper	Detail of Paper (including Vol., Issue, Pg. No.	Nature of Paper (Journal/Conference/Book Chapter)	National/International	ISBN No/ISSN No.	Journal Impact factor/SCI Index No.	Year of Publication

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9	D. Sanki, S. B.Saha,	Secure Data Transmission at Low Cost using the E-board Software for the Virtual Class Room	International Journal of Computer Applications, Foundation of Computer Science. (IJCA)	Journal	International	978-93-80865-51-4		2011
10	S. DasGupta, R. Chaki	SRPV: A Speedy Routing Protocol for VANET	Published in the proceedings of the International Conference on Advances in Computing, communication and Control, ICAC3-2011	Conference	International	ISBN : 978-3-642-18439-0		2011
11	S. B. Saha, R. Chaki	Cluster Based Mobility Considered Routing Protocol for Mobile Ad hoc Networks	Published in the proceedings of the International Conference on Computer Science and Information Technology CCSIT-2011	Conference	International	978-3-642-17856-6		2011
12	NilanjanDey	A Novel Session Based Dual Steganographic Technique Using DWT and Spread Spectrum	Vol.1, Issue 1, pp-157-161	International Journal of Modern Engineering Research,	International	ISSN : 2249-6645		2011
Sl	Author (Including Co-author)	Title of the Paper	Detail of Paper (including Vol., Issue, Pg. No.	Nature of Paper (Journal/Conference/Book Chapter)	National/International	ISBN No/ISSN No.	Journal Impact factor/SCI Index No.	Year of Publication
13	NilanjanDey	A Novel Approach of Image Encoding and	Vol. 2 (6), 1970-1974.	International Journal of	International	ISSN :2229		2011

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LIST OF PAPERS PUBLISHED BY FACULTY MEMEBRS OF DEPARTMENT OF Information Technology

		Hiding using Spiral Scanning and Wavelet Based Alpha-Blending Technique”,		Computer Technology Applications		- 6093[Indexed at EBS CO Host]		
14	NilanjanDey	Robust Watershed Segmentation of Noisy Image Using Wavelet	Vol. 1(2),117-122	International Journal of Computer Science & Communication Networks	International	ISSN :2249-5789		2011
15	NilanjanDey	A Novel Approach of Multilevel Binary Image Encoding using Walsh Table and Spiral Scanning	Vol. 2 Issue 3 – 2011.	International Journal of Engineering Trends and Technology	International	ISSN : 2231-5381		2011
16	NilanjanDey	A Novel Session Based Dual Image Encoding and Hiding Technique Using DWT and Spread Spectrum	Vol. 3 No. 11, pp-3510-3517.	International Journal on Computer Science and Engineering	International	ISSN : 2229-5631[Impact Factor 0.835]		2011
Sl	Author (Including Co-author)	Title of the Paper	Detail of Paper (including Vol., Issue, Pg. No.	Nature of Paper (Journal/Conference/Book Chapter)	National/International	ISBN No/ISSN No.	Journal Impact factor/SCI Index No.	Year of Publication
17	NilanjanDey	A Novel Approach of Obtaining Features Using	Vol.1, Issue 2, pp-396-399.	International Journal of Modern Engineering	International	ISSN: 2249-6645		2011

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		Wavelet Based Image Fusion and Harris Corner Detection		Research				
18	NilanjanDey	A Novel Approach of Watershed Segmentation of Noisy Image Using Adaptive Wavelet Threshold	Vol. 2 (6), 2011, 2686-2690.	International Journal of Computer Science and Information Technologies	International	ISSN-0975-9646		2011
19	NilanjanDey	A Case Study of Gray Image Encoding Using GA	Vol. 3,pp-278-285.	International Journal of Emerging Trends in Engineering and Development, Issue1	International	ISSN-2249-6149[ICV 5.8]		2011
20	NilanjanDey	A Novel Approach of Color Image Hiding using RGB Color planes and DWT	Volume 36– No.5, December 2011	International Journal of Computer Applications	International	(ISSN: 0975 – 8887), [Impact Factor 0.835]		2011
Sl	Author (Including Co-author)	Title of the Paper	Detail of Paper (including Vol., Issue, Pg. No.	Nature of Paper (Journal/Conference/Book Chapter)	National/International	ISBN No/ISSN No.	Journal Impact factor/SCI Index No.	Year of Publication
21	NilanjanDey	A Novel Approach of Harris Corner Detection of Noisy Images	Vol. 2, Issue 4, Oct . - Dec. 2011	International Journal of Computer Science & Technology	International	ISSN : 0976-8491		2011

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