

**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	Sanchita Pal, Saswata Dasgupta, Rajdeep Chowdhury	Design and Implementation of Dynamic Matrix Based Cryptographic Algorithm for Proposed Data Warehouse Architecture Ensuring Performance Enhancement	Proceedings of 8 <sup>th</sup> All India Inter Engineering College Academic Meet 2017, 19 <sup>th</sup> March, 2017, Forum of Scientists, Engineers and Technologists and Guru Nanak Institute of Technology, Paper Code–C&I–21	Conference	National	
2	Rajdeep Chowdhury	Edifying Information Security to Employees for Organizational Augmentation	InfoQuest–A Journal on Internet Security, Edition–II, February, 2017, A Publication from Infocon Global in association with Wordsmith University Press, Pages 22–25	Journal	National	ISBN–978-1- 365-53364-8

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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	Rajdeep Chowdhury, Soumyabrata Saha, Sudipta Sahana, Debashis Sanki	Realization of Outcome Based Education through Teaching Learning Methodology in Engineering Institution	Proceedings of TEQIP Sponsored International Conference on Industry Interactive Innovations in Science, Engineering and Technology (I3SET-16), 25 <sup>th</sup> -26 <sup>th</sup> October, 2016, JIS College of Engineering, Paper ID-103, Proceedings Published in Springer-Lecture Notes in Networks and System [LNNS]	Conference	International	
2	Rajdeep Chowdhury, Ipshita Bhattacharya, Nirmita De, Subhajit Saha	Double Ended Bottom-Up Approach of Data Warehouse Architecture Employing Country ISO Code Engendered Cryptographic Algorithm	Proceedings of TEQIP Sponsored International Conference on Industry Interactive Innovations in Science, Engineering and Technology (I3SET-16), 25 <sup>th</sup> -26 <sup>th</sup> October, 2016, JIS College of Engineering, Paper ID-93, Proceedings Published in Springer-Lecture Notes in Networks and System [LNNS]	Conference	International	
3	Bikramjit Pal, Rajdeep Chowdhury, Kumar Gaurav Verma, Saswata Dasgupta, Subham Dutta	Proposed BRKSS Architecture for Performance Enhancement of Data Warehouse Employing Shared Nothing Clustering	International Journal of Control Theory and Applications, Volume-9, Issue-21, 2016, Published by International Science Press, Pages 111-121	Journal	International	Indexed in SCOPUS, ISSN-0974 5572
4	Rajdeep Chowdhury, Nirmita De, Ipshita Bhattacharya, Subhajit Saha	HyPerBase Key [HPBK] and Modified ASCII Chart [MAC] Based Cryptographic Technique	Proceedings of National Conference on Advanced Computation on Electronics and Remote Sensing (NCACERS-16),	Conference	National	

			19 <sup>th</sup> –20 <sup>th</sup> August, 2016, Narula Institute of Technology in Association with IEEE GRSS, Paper Code–NCACERS–12			
5	Priangsu Roy Chowdhury, Abhisweta Deb, Rajdeep Chowdhury	Design and Implementation of WAVE: An Innovative and Accessible Web Browser	International Journal of Advance Research in Science and Engineering, Volume–5, Issue–5, May, 2016, Pages 367–374	Journal	International	ISSN–2319 8354, International Directory of Indexing and Impact Factor (IDIIF) Journal Impact Factor–2.83
6	Priangsu Roy Chowdhury, Abhisweta Deb, Rajdeep Chowdhury	Design and Implementation of WAVE: An Innovative and Accessible Web Browser	Proceedings of 4 <sup>th</sup> International Conference on Science, Technology and Management, 15 <sup>th</sup> May, 2016, India International Centre, New Delhi, Pages 1101–1108	Conference	International	Published and Archived, ISBN–978-81-932074-8-2
7	Rajdeep Chowdhury, Jenifar Khan, Subham Sengupta, Saswata Dasgupta, Soupayan Datta, Mallika De	Dynamic Referencing Data Warehouse Employing Proposed Time Integrated Seed Based Element Engendered Cryptographic Algorithm	Proceedings of ACM Symposium on Women in Research 2016 (ACM–WIR 2016), ACM – International Conference Proceedings Series (ICPS), 21 <sup>st</sup> March, 2016, ACM's Women in Computing, Sri Aurobindo Institute of Technology, Indore, Paper ID–WIR–48, Pages–142–149	Conference	International	Published and Archived in ACM Digital Library, ISBN–978-1-4503-4278-0
8	Shubham Sengupta, Jenifar Khan, Saswata Dasgupta, Soupayan Datta, Rajdeep Chowdhury, Mallika De	Design and Implementation of Time Integrated Seed Based Element Engendered Cryptographic Algorithm	Proceedings of 7 <sup>th</sup> All India Inter Engineering College Academic Meet 2016, 13 <sup>th</sup> March, 2016, Forum of Scientists, Engineers and Technologists and Supreme Knowledge Foundation Group of Institutions, Paper Code–F73–C&I–12	Conference	National	Awarded Winner of 1 <sup>st</sup> prize in the Best Paper category with a Cash Award amount of Rs. 2000
9	Rajdeep Chowdhury, Prasenjit Chatterjee,	Pseudo Mesh Schema based Data Warehouse Architecture	Proceedings of 3rd International Conference on Foundations and	Conference	International	Proceedings: CRCnet BASE Part Number–CAT#K27289,

	<p>Soupayan Datta, Mallika De</p>	<p>Employing Encryp- tion Request Algorithm and Intelligent Sensor Algorithm for Secured Transmission and Performance Enhancement</p>	<p>Frontiers in Computer, Communication and Electrical Engineering, C2E2 2016, 15<sup>th</sup>-16<sup>th</sup> January, 2016, Supreme Knowledge Foundation Group of Institutions (SKFGI), Mankundu, Hooghly, West Bengal, Pages-467-470</p>			<p>Published and Archived in CRC Press – Taylor &amp; Francis Group, ISBN-978-1- 1380-2877- 7 &amp; ISBN-978-1- 3156-5791-2 {e-Book }</p>
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**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/Conference/Book Chapter)	National/ International	Journal Impact No./SCI Index/ISBN No./ISSN No.
1	Bikramjit Pal, Rajdeep Chowdhury, Prasenjit Chatterjee, Saswata Dasgupta, Mallika De	Performance Enhancement of Data Warehouse Using Minimization of Query Processing Proposal to Improve ROI	International Journal of Application or Innovation in Engineering and Management, Volume-4, Issue-12, December, 2015, Pages 35-42	Journal	International	ISSN-2319 4847, Indexed in Thomson Reuters – Science Citation Index, Indexed in SCOPUS, Indexed in Thomson Reuters Researcher ID-N-6095- 2015, Included in Thomson Reuters Master Journal List, International Society for Research Activity (ISRA) Journal Impact Factor-5.427
2	Rajdeep Chowdhury, Soupayan Datta, Saswata Dasgupta, Mallika De	Implementation of Central Dogma Based Cryptographic Algorithm in Data Warehouse Architecture for Performance Enhancement	International Journal of Advanced Computer Science and Applications, Volume-6, Number-11, November, 2015, Pages 29-34	Journal	International	ISSN-2158 107X (P), ISSN-2156 5570 (O), Indexed in Thomson Reuters – Science Citation Index, Included in Thomson Reuters Master Journal List with Emerging Sources Citation Index
3	Manas Paul, Joyita Goswami (Ghosh)	Symmetric Key Cryptographic Technique using Digital Logic Concept	International Journal of Advanced Computational Engineering and Networking (IJACN), Volume-3, Number-8, Pages 41-45	Journal	International	ISSN-2321 2063 (O), ISSN-2320 2106 (P), Scientific Journal Impact Factor (SJIF): 2.25

4	Manas Paul, Joyita Goswami (Ghosh)	Symmetric Key Cryptographic Technique using Digital Logic Concept	28th IRF International Conference on Computer Science and Mechanical Engineering (ICCSME), Institute of Research and Journals, Kolkata, India, June, 2015, Pages 16–20	Conference	International	
5	Shekhar Kumar Hela, Olive Roy, Rajdeep Chowdhury, Sumanta Bhattacharya	Proposed Three– Tier Model on Using E-Waste for E-Generation Management to Enhance Corporate Social Responsibility: A Rural India Digitization and Empowerment Perspective	Proceedings of 6 <sup>th</sup> All India Inter Engineering College Academic Meet 2015, 26 <sup>th</sup> April, 2015, Forum of Scientists, Engineers and Technologists and MCKV Institute of Engineering, Liluah, Paper Code– 0628-CEP-04, Page–66 [Abstract]	Conference	National	
6	Bikramjit Pal, Mallika De	A Study of Performance of Data Warehouse and Its Associated ROI	International Journal of Research in Science and Technology, Volume–5, Issue–1, January–March 2015, Pages 1–3	Journal	International	ISSN–2249 0604
7	Manas Paul, Joyita Goswami (Ghosh)	A Nobel Symmetric Key Cryptographic technique based on Modified Rail Fence technique at Bit level	International Journal of Computers Communication Networks and Circuit Systems (IJCCN), Volume–1, Number–1, Pages 214–220	Journal	International	ISSN–2319 2720, Impact Factor– 0.465
8	Manas Paul, J. K. Mandal, Moirangthem Marjit Singh	Modified PCT on Variable Cipher Block Chaining Mode	Second International Conference on Information Systems Design and Intelligent Applications (INDIA2015), Faculty of Engineering, Technology and Management, University of Kalyani, West Bengal, India, January, 2015, Pages 457–465	Conference	International	
9	Manas Paul, Joyita Goswami (Ghosh)	A Symmetric Key Cryptographic Technique Based on Frame Rotation	Second International Conference on Information Systems Design and	Conference	International	

		of an Even Ordered Square Matrix	Intelligent Applications (INDIA2015), Faculty of Engineering, Technology and Management, University of Kalyani, West Bengal, India, January, 2015, Pages 319–328			
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**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/Conference/Book Chapter)	National/ International	Journal Impact No./SCI Index/ISBN No./ISSN No.
1	Rajdeep Chowdhury, Saikat Ghosh	Implementation of Rain Water Harvesting Through the Effectual Working of Proposed RS Model	International Journal of Technology, Volume-4, Number-2, July-December, 2014, Pages 291-295	Journal	International	ISSN-2231 3907 (P), ISSN-2231 3915 (O)
2	Rajdeep Chowdhury, Indrani Banerjee	Grey Scale Image Enhancement Using Proposed Modified Histogram Equalization Algorithm	Research Journal of Engineering and Technology, Volume-5, Number-4, October-December, 2014, Pages 217-222	Journal	International	ISSN-0976 2973 (P), ISSN-2321 581X (O)
3	Manas Paul, Joyita Goswami (Ghosh)	A Nobel Symmetric Key Cryptographic technique based on Modified Rail Fence technique at Bit level	International Conference on Recent Trends in Electrical, Electronics, Computing and Communication (ICRTEECC-2014), R.M.K College of Engineering & Technology, Puduvoyal, Tamil Nadu, India, December, 2014, Pages 59-65	Conference	International	
4	Manas Paul, J. K. Mandal	A Cryptographic Scheme through Cascaded Session based Symmetric key for Ubiquitous Computing	Annual Convention and International Conference on Emerging ICT for Bridging Future (CSI 2014), CSI Hyderabad Chapter in Association with JNTU Hyderabad & DRDO, Hyderabad, India, December, 2014, Pages 525-532	Conference	International	
5	Rajdeep Chowdhury, Soumya Kanta Dey, Soupayan Datta, Sweta Shaw	Design and Implementation of Proposed Drawer Model Based Data Warehouse Architecture Incorporating DNA Translation	Proceedings of International Conference on Contemporary Computing and Informatics, 27 <sup>th</sup> -29 <sup>th</sup> November, 2014, Sri	Conference	International	Proceedings: IEEE Part Number- CFP14AWQ-ART, Proceedings in USB: CFP14AWQ-

		Cryptographic Algorithm for Security Enhancement	Jayachamarajendra College of Engineering, Mysore, Pages 55–60			USB, ISBN–978-1-4799-6628-8, INSPEC Accession Number–14881472, Published and Archived in IEEE Digital Xplore, ISBN–978-1-4799-6629-5
6	Bikramjit Pal, Mallika De	A Study of Success Factors of DW to Estimate ROI	International Journal of Applications or Innovation in Engineering and Management, Volume–3, Issue–10, October 2014, Pages 101–103	Journal	International	ISSN–2319 4847, Impact Factor–3.115
7	Manas Paul, Joyita Goswami (Ghosh)	A Novel Symmetric Key Cryptography Based on Doubly Even Order Magic Square	International Conference on Electrical, Electronics and Computer Science (ICEECS 2014), Institute For Research and Development India (IRD India), Bangalore, India, August, 2014, Pages 1–7	Conference	International	
8	Manas Paul, Joyita Goswami (Ghosh)	A Novel Symmetric Key Cryptography Based on Doubly Even Order Magic Square	International Journal on Advanced Computer Theory and Engineering (IJACTE), Volume–3, Number–4, Pages 16–22	Conference	International	ISSN–2319 2526, Impact Factor–1.64
9	Rajdeep Chowdhury, Saurab Dutta, Mallika De	Towards Design, Analysis and Performance Enhancement of Data Warehouse by Implementation and Simulation of P2P Technology on Proposed Pseudo Mesh Architecture	International Journal of Innovative Research in Science, Engineering and Technology, An ISO 3297:2007 Certified Organization, Volume–3, Special Issue–6, February, 2014, Pages 178–187	Journal	International	ISSN–2347 6710 (P), ISSN–2319 8753 (O), Journal Impact Factor–1.682, InnoSpace–Scientific Journal Impact Factor–6.209
10	Rajdeep Chowdhury, Prasenjit Chatterjee, Pubali Mitra, Olive Roy	Design and Implementation of Security Mechanism for Data Warehouse Performance	International Journal of Innovative Research in Science, Engineering and Technology, An ISO 3297:2007 Certified	Journal	International	ISSN–2347 6710 (P), ISSN–2319 8753 (O), Journal Impact Factor–1.682,

		Enhancement Using Two Tier User Authentication Techniques	Organization, Volume-3, Special Issue-6, February, 2014, Pages 165-172			InnoSpace-Scientific Journal Impact Factor-6.209
11	Rajdeep Chowdhury, Saurab Dutta, Mallika De	Towards Design, Analysis and Performance Enhancement of Data Warehouse by Implementation and Simulation of P2P Technology on Proposed Pseudo Mesh Architecture	Proceedings of National Conference on Emerging Technology and Applied Sciences – 2014 (NCETAS 2014), 15 <sup>th</sup> -16 <sup>th</sup> February, 2014, Modern Institute of Engineering and Technology, Bandel, Pages 456-471	Conference	National	
12	Rajdeep Chowdhury, Prasenjit Chatterjee, Pubali Mitra, Olive Roy	Design and Implementation of Security Mechanism for Data Warehouse Performance Enhancement Using Two Tier User Authentication Techniques	Proceedings of National Conference on Emerging Technology and Applied Sciences – 2014 (NCETAS 2014), 15 <sup>th</sup> -16 <sup>th</sup> February, 2014, Modern Institute of Engineering and Technology, Bandel, Pages 441-449	Conference	National	
13	Rajdeep Chowdhury, Biswarup Neogi, Zinkar Das, Prasenjit Chatterjee, Sourajit Ghosh	Advancement and Up Gradation Aspects En Route for Enhancement of Rubber Plant Industry Performance by Introducing Scholastic Support through the Proposed CDGN Model	Proceedings of 2014 1 <sup>st</sup> International Conference on Non Conventional Energy (ICONCE), 16 <sup>th</sup> -17 <sup>th</sup> January, 2014, JIS College of Engineering, Kalyani, Pages 413-417	Conference	International	Proceedings in CD: ISBN-978-1-4799-3338-9, Proceedings in Print: ISBN-978-1-4799-3339-6, INSPEC Accession Number-14268691, Published and Archived in IEEE Digital Xplore, ISBN-978-1-4799-3340-2, Awarded Winner in the Best Poster Paper category with Best Poster Paper Certificate

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1	Sayanti Roy, Zinkar Das, Rajdeep Chowdhury, Biswarup Neogi, Sunit Ghosh Majumdar	Study, Analysis and Implementation for Enhancement and Improvement of Low Cost Solar Powered Lighting System Using CFL Technology from Indian Perspective	Research Journal of Science and Technology, Volume-5, Number-4, October-December, 2013, Pages 454-461	Journal	International	ISSN-0975 4393 (P), ISSN-2349 2988 (O)
2	Sainik Kumar Mahata, Sikha Nogaja, Smita Srivastava, Monalisa Dey, Subhranil Som	A Novel Approach to Cryptography using Modified Substitution Cipher and Hybrid Crossover Technique	CCSN 2013, 22 <sup>nd</sup> - 23 <sup>rd</sup> November, 2013, Pages 21-25, IEEE Gold Kolkata	Conference	International	ISBN-81-85824-46-0
3	Subhranil Som, Mandira Banerjee	Cryptographic Technique Using Substitution through Circular Path Followed By Genetic Function	International Journal of Computer Application	Journal	International	ISSN-0975 8887, ISBN-973-93-80873-34-0
4	Manas Paul, Joyita Goswami (Ghosh)	A Universal Session Based Bit Level Block Encoding Technique to Enhance the Information Security	International Conference on Emerging Trends in Engineering and Management (ICETEM 2013), Sree Visvesvaraya Institute of Technology & Science, Mahabubnagar, Hyderabad, India, November, 2013, Pages 64-69	Conference	International	
5	Bikramjit Pal, Mallika De	Removing Data Staleness in Data Warehouse Using Trigger Based Approach	International Journal of Engineering and Management Research, Volume-3, Issue-5, October 2013, Pages 89-91	Journal	International	ISSN-2250 0758
6	Saurab Dutta, Anasua Joardar	Cluster Based Routing Algorithm on Network-On-Chip	Proceedings of National Conference on Control, Communication &	Conference	National	

			Device Electronics (N3CD-2013), 25 <sup>th</sup> -26 <sup>th</sup> July, 2013, JIS College of Engineering, Kalyani, Paper Code-ID0262N30			
7	Rajdeep Chowdhury, Sourajit Ghosh, Prasenjit Chatterjee	Multi-phase Encryption Technique as an Approach for Cryptography in Communication	Proceedings of National Conference on Control, Communication & Device Electronics (N3CD-2013), 25 <sup>th</sup> -26 <sup>th</sup> July, 2013, JIS College of Engineering, Kalyani, Paper Code-ID0262N85m, Page-392 [Abstract]	Conference	National	
8	Rajdeep Chowdhury, Sohini Basu, Amitava Ghosh	Incorporation of Intermediate Super Peer into P2P File Sharing System for Improving Churn Rate	Proceedings of National Conference on Control, Communication & Device Electronics (N3CD-2013), 25 <sup>th</sup> -26 <sup>th</sup> July, 2013, JIS College of Engineering, Kalyani, Paper Code-ID0262N78m, Pages 372-379	Conference	National	
9	Rajdeep Chowdhury, Bapai Saha, Mallika De	Towards Design and Implementation of Logarithmic Function Based Iterative Key Generating Cryptographic Technique for Secured Transmission	Proceedings of National Conference on Control, Communication & Device Electronics (N3CD-2013), 25 <sup>th</sup> -26 <sup>th</sup> July, 2013, JIS College of Engineering, Kalyani, Paper Code-ID0262N42m, Pages 333-339	Conference	National	
10	Rajdeep Chowdhury, Amitava Ghosh, Harsh Vardhan Mandhyan, Mallika De	Geo-Encryption Technique for Exchanging Information Using Positional Parameters in Shuffled Order Through QR Code Applying Selection Sort	Proceedings of IEEE/OSA/SICE/IC ROS/IEEE PAMI-TC 2 <sup>nd</sup> International Conference on Informatics, Electronics & Vision 2013, 17 <sup>th</sup> -18 <sup>th</sup> May, 2013, University of Dhaka, Dhaka, Bangladesh, Page-39 [Abstract]	Conference	International	Proceedings in CD: IEEE Catalog Number-CFP1344S-CDR, ISBN-978-1-4799-0399-3, Proceedings in Print: IEEE Catalog Number-CFP1344S-

						PRT, ISBN-978-1-4799-0398-6, Published and Archived in IEEE Digital Xplore
11	Bikramjit Pal, Awnish Pati Mishra, Mallika De	ROI Estimation of Data Warehouse with Bottom Up Architecture and Top Down Implementation	International Journal of Computer Trends and Technology, Volume-4, Issue-5, May 2013, Pages 998-1001	Journal	International	ISSN-2231 2803, Impact Factor-0.569
12	Subhranil Som, Sainik Kumar Mahata, Monalisa Dey	A Novel Approach For Block-Based Data Encryption	International Journal of Computer Applications in Engineering Sciences, Volume-3, Special Issue on CCSN 2012, May 2013, Pages 90-94	Journal	International	ISSN-2231 4946
13	Manas Paul, J. K. Mandal	A Novel Generic Session Based Bit Level Cryptographic Technique based on Magic Square Concepts	International Conference on Global Innovations in Technology and Sciences (ICGITS 2013), SAINTGITS College of Engineering, Kottayam, Kerala, India, April, 2013, Pages 156-163	Conference	International	
14	Manas Paul, J. K. Mandal	A Novel Symmetric Key Cryptographic Technique at Bit Level Based on Spiral Matrix Concept	International Conference on Information Technology, Electronics and Communications (ICITEC-2013), International Academic and Industrial Research Solutions, Bangalore, India, March, 2013, Pages 6-11	Conference	International	
15	Amitava Ghosh, Harsh Vardhan Mandhyan, Rajdeep Chowdhury	Geo-Encryption Technique for Exchanging Positional Parameters in Shuffled Order Through QR Coded Image	Proceedings of 4 <sup>th</sup> All India Inter Engineering College Academic Meet 2013, 22 <sup>nd</sup> -23 <sup>rd</sup> March, 2013, Forum of Scientists, Engineers and Technologists and Modern Institute of Engineering and Technology, Bandel, Paper Code-194-	Conference	National	Awarded Winner of 2 <sup>nd</sup> prize in the Best Paper category with a Cash Award amount of Rs. 2000

			C&I-51, Page-53 [Abstract]			
16	Priyanka Samanta, Kabita Singh, Sumanta Bhattacharya	A Study of e-Governance & Policies in India	Proceedings of 4 <sup>th</sup> All India Inter Engineering College Academic Meet 2013, 22 <sup>nd</sup> -23 <sup>rd</sup> March, 2013, Forum of Scientists, Engineers and Technologists and Modern Institute of Engineering and Technology, Bandel, Paper Code-227-C&I-58,	Conference	National	
17	Subhranil Som, Mandira Banerjee	Cryptographic Technique by Square Matrix and Single Point Crossover on Binary Field	IEEE International Conference, February 12 <sup>th</sup> -14 <sup>th</sup> , 2013, Pages 1-6	Conference	International	ISBN-978-1-4673-2820-3
18	Rajdeep Chowdhury, Saikat Ghosh	Software Based Data Hiding Technique [SBDHT] Using Trigonometry-Based Key [TBK] and 3D Mesh Generation	Business Management and Information Technology, First Edition, Excel Books, 8 <sup>th</sup> February, 2013, Chapter-70, Pages 672-684	Book Chapter	International	ISBN-978-93-5062-253-7
19	Joyita Goswami (Ghosh), Sumanta Bhattacharya	A Survey Report on the Limitations of Cloud Computing	Proceedings of International Conference on Computation and Communication Advancement 2013, 11 <sup>th</sup> -12 <sup>th</sup> January, 2013, JIS College of Engineering, Kalyani, Pages 345-349	Conference	International	ISBN (13)-978-1-25-906393-0, ISBN (10)-1-25-906393-3, Published by Tata McGraw Hill Education Private Limited
20	Saurab Dutta, Anasua Joardar, Sumanta Chatterjee	New Diametrical approach in Mesh Of Tree Network On Chip(NOC)	Proceedings of International Conference on Computation and Communication Advancement 2013, 11 <sup>th</sup> -12 <sup>th</sup> January, 2013, JIS College of Engineering, Kalyani, Pages 163-167	Conference	International	ISBN (13)-978-1-25-906393-0, ISBN (10)-1-25-906393-3, Published by Tata McGraw Hill Education Private Limited
21	Dharmpal Singh, Rajdeep Chowdhury, Bikramjit Pal, J Paul Choudhury,	Comparative and Comprehensive Study to Select a Soft Computing Model in the Data Mining Domain	Proceedings of International Conference on Computation and Communication Advancement 2013,	Conference	International	ISBN (13)-978-1-25-906393-0, ISBN (10)-1-25-906393-3, Published by

	Mallika De		11 <sup>th</sup> -12 <sup>th</sup> January, 2013, JIS College of Engineering, Kalyani, Pages 111-116			Tata McGraw Hill Education Private Limited
22	Supriya Chakraborty, Kalyan Laha, Pallab Kanti Kar, Subhajit Banerjee	The Common Framework of Auto Summarization of Text	Proceedings of International Conference on Computation and Communication Advancement 2013, 11 <sup>th</sup> -12 <sup>th</sup> January, 2013, JIS College of Engineering, Kalyani, Pages 74-79	Conference	International	ISBN (13)-978-1-25-906393-0, ISBN (10)-1-25-906393-3, Published by Tata McGraw Hill Education Private Limited
23	Manas Paul, Joyita Goswami (Ghosh)	A Universal Session Based Bit Level Block Encoding Technique to Enhance the Information Security	International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE), Volume-2, Number-6, Pages 64-69	Journal	International	ISSN-2278 3091, Impact Factor-0.378
24	Supriya Chakraborty, Biswabrata Dey Soumik Banerjee, Dibakar Chakraborty	Rule Based Maintenance of the Web Content	National Conference ETIT 2013, Pages 45-47	Conference	National	ISBN-978-81-910244-0-2

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1	Rajdeep Chowdhury, Rajdeep Bose, Nilanjan Sengupta, Mallika De	Logarithmic Formula Generated Seed Based Cryptographic Technique Using Proposed Alphanumeric Number System and Rubik Rotation Algorithm	Proceedings of IEEE 2012 International Conference on Communications, Devices and Intelligent Systems (CODIS), 28 <sup>th</sup> -29 <sup>th</sup> December, 2012, Jadavpur University, Kolkata, Pages 564-567	Conference	International	Proceedings in CD: IEEE Catalog Number- CFP1207U-CDR, ISBN-978-1-4673-4698-6, Proceedings in Print: IEEE Catalog Number- CFP1207U-PRT, ISBN-978-1-4673-4697-9, INSPEC Accession Number- 13285714, Published and Archived in IEEE Digital Xplore, ISBN-978-1-4673-4700-6
2	Rajdeep Chowdhury, Bikramjit Pal, Amitava Ghosh, Mallika De	A Data Warehouse Architectural Design Using Proposed Pseudo Mesh Schema	Proceedings of The First International Conference on Intelligent Infrastructure, CSI-2012, 47 <sup>th</sup> Annual National Convention of Computer Society of India, 01 <sup>st</sup> -02 <sup>nd</sup> December, 2012, Science City Auditorium, Kolkata, Pages 138-141	Conference	International	ISBN (13)- 978-1-25-906170-7, ISBN (10)-1-25-906170-1, Published by Tata McGraw Hill Education Private Limited
3	Subhranil Som, Mandira Banerjee	Cryptographic Technique Using Substitution through Circular Path Followed By Genetic Function	Proceedings of the 1 <sup>st</sup> International Conference on Computing, Communication and Sensor Network (CCSN-2012), Volume-3, Issue-1, November, 2012	Conference	International	ISBN-81-85824-46-0

4	Hiranmoy Sarkar, Parvin Hassan, Sumanta Bhattacharya	Modern Education for Common People through e-Learning	Proceedings of the 1 <sup>st</sup> International Conference on Computing, Communication and Sensor Network (CCSN-2012), Article-14, Volume-3, Issue-1, November, 2012, Pages 59-62	Conference	International	ISBN-81-85824-46-0
5	Joyita Goswami (Ghosh), Sumanta Bhattacharya Sumanta	Blessings of Cloud Computing: A Survey Report on the Benefits of Cloud Computing	Proceedings of the 1 <sup>st</sup> International Conference on Computing, Communication and Sensor Network (CCSN-2012), Article-20, Volume-3, Issue-1, November, 2012, Pages 88-93	Conference	International	ISBN-81-85824-46-0
6	Rajdeep Chowdhury, Sourabh Das, Anirban Shaw	Implementation and Incorporation of Workshops in Redesigning India's Higher Education Strata in the Global Ambience Purview	Proceedings of National Conference on Reshaping India's Higher Education Landscape for the Global Environment, 6 <sup>th</sup> November, 2012, Government College of Engineering and Technology, Bikaner, Pages 9-13	Conference	National	Published by Purva Education & Information Centre, ISBN-978-93-5104-110-8
7	Rajdeep Chowdhury, Raja Dutta, Sunita Kumari	Sustainability Through Formulation and Proposed Design of Hanging Bus Implemented in the Hanging Bus Traversal Technique	Wipro Earthian 2012	Conference	National	Registration ID-1000714
8	Rajdeep Chowdhury	Virtual Team for Virtual Communication	Proceedings of National Conference on Virtual Communication-An Emerging Trend and Its Impact on Pedagogy, 29 <sup>th</sup> September, 2012, Padmanava College of Engineering, Rourkela, Odisha, Pages 80-84	Conference	National	
9	Bikramjit Pal, Shubhra Chattopadhyay, Sayak Mitra,	Study and Comparison of Indexing Models in Data	International Journal of Software Engineering Research and	Journal	International	ISSN-2231 2048 (P), ISSN-2231 0320 (O),

	Rajdeep Chowdhury, Mallika De	Warehouse	Practices, Volume-2, Number-3, 2012, Pages 1-8			Journal Impact Factor-0.35
10	Bikramjit Pal, Anirban Bhattacharjee, Satyajit Ghosh, Rajdeep Chowdhury, Mallika De	Comparative Study of Various Bitmap Indexing Techniques Used in Data Warehouse	International Journal of Emerging Trends and Technology in Computer Science, Volume-1, Number-3, September-October, 2012, Pages 147-150	Journal	International	ISSN-2278 6856, Indexed in Thomson Reuters Researcher ID-O-2823-2015, International Society for Research Activity (ISRA) Journal Impact Factor-5.663 (ISRA JIF)
11	Rajdeep Chowdhury, Somsubhra Gupta	Unique Grade-to-Percentage Conversion [UGPC]: An Enhanced Knowledge Infrastructure for Better Performance Evaluation	Inclusive Financial Infrastructure, First Edition, Bloomsbury Publishing India Private Limited, 6 <sup>th</sup> August, 2012, Chapter-33, Pages 464-475	Book Chapter	International	ISBN-978-81-924302-0-1
12	Manas Paul, J. K. Mandal	A Universal Session Based Bit Level Symmetric Key Cryptographic Technique to Enhance the Information Security	International Journal of Network Security & Its Application (IJNSA), Volume-4, Number-4, July, 2012, Pages 123-136	Journal	International	ISSN-0974 9330 (O), ISSN-0975 2307 (P)
13	Manas Paul, J. K. Mandal	A General Session Based Bit Level Block Encoding Technique Using Symmetric Key Cryptography to Enhance the Security of Network Based Transmission	International Journal of Computer Science, Engineering and Information Technology (IJCEIT), Volume-2, Number-3, June, 2012, Pages 31-42	Journal	International	ISSN-2231 3117 (O), ISSN-2231 3605 (P)
14	Rajdeep Chowdhury, Saikat Ghosh, Mallika De	String Graphification Based Asymmetric Key Cryptographic Algorithm Using Proposed Concepts of GDC and S-Loop Matrix	Proceedings of IEEE/OSA/IAPR International Conference on Informatics, Electronics & Vision 2012, 18 <sup>th</sup> -19 <sup>th</sup> May, 2012, University of Dhaka, Dhaka, Bangladesh, Pages 1152-1157	Conference	International	Proceedings in CD: IEEE Catalog Number-CFP1244S-CDR, ISBN-978-1-4673-1152-6, Proceedings in Print: IEEE Catalog Number-

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15	Bikramjit Pal, Laxmi Rout, Priyadarshani Shah, Mallika De	Logical Data Warehouse Design using Distributed Schema Architecture	International Journal of Computer Science and Technology, Volume-3, Issue-2, April-June 2012, Pages 191-194	Journal	International	ISSN-2229 4333
16	Rajdeep Chowdhury, Saikat Ghosh	S-Commerce – Use and Impact on Society	Proceedings of National Conference on Sustainable Business Growth and Modern Management, 27 <sup>th</sup> -28 <sup>th</sup> April, 2012, JIS College of Engineering, Kalyani, Page 41 [Abstract]	Conference	National	
17	Manas Paul, J. K. Mandal	A Universal Bit Level Block Encoding Technique Using Session Based Symmetric Key Cryptography to Enhance the Information Security	International Journal of Advanced Information Technology (IJAIT), Volume-2, Number-2, April, 2012, Pages 29-40	Journal	International	ISSN-2231 1548 (O), ISSN-2231 1920 (P)

18	Saikat Ghosh, Rajdeep Chowdhury	Study of Software Based Data Hiding [SBDH] Using Trigonometry Based Key [TBK] Generation	Proceedings of 3 <sup>rd</sup> All India Inter Engineering College Academic Meet 2012, 30 <sup>th</sup> -31 <sup>st</sup> March, 2012, Forum of Scientists, Engineers and Technologists and Calcutta Institute of Engineering and Management, Kolkata, Paper Code-E-057C&I-10, Page-E7 [Abstract]	Conference	National	Awarded Winner of 1 <sup>st</sup> prize in the Best Paper category with a Cash Award amount of Rs. 3000
19	Saikat Ghosh, Rajdeep Chowdhury	All-In-One Housekeeper	Proceedings of 3 <sup>rd</sup> All India Inter Engineering College Academic Meet 2012, 30 <sup>th</sup> -31 <sup>st</sup> March, 2012, Forum of Scientists, Engineers and Technologists and Calcutta Institute of Engineering and Management, Kolkata, Paper Code-E-041C&I-06, Page-E4 [Abstract]	Conference	National	
20	Saikat Ghosh, Rajdeep Chowdhury	Rain Water Harvesting Through the Proposed SR Model	Proceedings of 3 <sup>rd</sup> All India Inter Engineering College Academic Meet 2012, 30 <sup>th</sup> -31 <sup>st</sup> March, 2012, Forum of Scientists, Engineers and Technologists and Calcutta Institute of Engineering and Management, Kolkata, Paper Code-B-042C&A- 03, Page-B3 [Abstract]	Conference	National	
21	Amitava Ghosh, Rajdeep Chowdhury	Design and Implementation of E-Shopping Web Cart	Proceedings of 3 <sup>rd</sup> All India Inter Engineering College Academic Meet 2012, 30 <sup>th</sup> -31 <sup>st</sup> March, 2012, Forum of Scientists, Engineers and Technologists and Calcutta Institute of Engineering and Management, Kolkata, Paper	Conference	National	

			Code–E-103C&I-17, Page–E13 [Abstract]			
22	Subhranil Som, Chandra Chatterjee, Sudipta Karan	Application of Image Processing Technology in Agriculture with Special Reference to Vegetable Science	Proceedings of 3 <sup>rd</sup> All India Inter Engineering College Academic Meet 2012, 30 <sup>th</sup> –31 <sup>st</sup> March, 2012, Forum of Scientists, Engineers and Technologists and Calcutta Institute of Engineering and Management, Kolkata	Conference	National	
23	Subhranil Som, P. K. Kundu, Debjani Das	Cryptographic Technique Using LFSR	Proceedings of 3 <sup>rd</sup> All India Inter Engineering College Academic Meet 2012, 30 <sup>th</sup> –31 <sup>st</sup> March, 2012, Forum of Scientists, Engineers and Technologists and Calcutta Institute of Engineering and Management, Kolkata	Conference	National	
24	Subhranil Som, Mandira Banerjee	Cryptographic Technique Using Cyclic Substitution Followed By Genetic Functions	Proceedings of 3 <sup>rd</sup> All India Inter Engineering College Academic Meet 2012, 30 <sup>th</sup> –31 <sup>st</sup> March, 2012, Forum of Scientists, Engineers and Technologists and Calcutta Institute of Engineering and Management, Kolkata	Conference	National	
25	Subhranil Som, Khushboo Rai, Sumana Das Gupta	Food Innovations in Vegetable Crops	Proceedings of 3 <sup>rd</sup> All India Inter Engineering College Academic Meet 2012, 30 <sup>th</sup> –31 <sup>st</sup> March, 2012, Forum of Scientists, Engineers and Technologists and Calcutta Institute of Engineering and Management, Kolkata	Conference	National	
26	Deeya Ray, Shabnam Parveen, Sumanta Bhattacharya	e-Governance – Boon to Rural Development	Proceedings of 3 <sup>rd</sup> All India Inter Engineering College Academic Meet 2012,	Conference	National	

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27	Debashis Manna, Satyajit Bhattacharya, Supriya Chakraborty	Reduce Redundancies in 4NF and Dependency Preservation in 3NF	Proceedings of 3 <sup>rd</sup> All India Inter Engineering College Academic Meet 2012, 30 <sup>th</sup> –31 <sup>st</sup> March, 2012, Forum of Scientists, Engineers and Technologists and Calcutta Institute of Engineering and Management, Kolkata	Conference	National	
28	Supriya Chakraborty, Subhajit Banerjee, Suchanda Chakraborty	Estimation of Growth Subscribers in Mobility Services	Proceedings of 3 <sup>rd</sup> All India Inter Engineering College Academic Meet 2012, 30 <sup>th</sup> –31 <sup>st</sup> March, 2012, Forum of Scientists, Engineers and Technologists and Calcutta Institute of Engineering and Management, Kolkata	Conference	National	
29	Manas Paul, J. K. Mandal	A Novel Generic Session Based Bit Level Encryption Technique to Enhance the Security of Network Based Transmission	International Conference on Computational Intelligence and Information Technology (ICCIIT'12), INFO Institute of Engineering, Coimbatore, Tamilnadu, India, March, 2012, Pages NS043–NS049	Conference	International	
30	Rajdeep Chowdhury, Nilanjan Dey, Saikat Ghosh	Design and Implementation of RNS Model Based Steganographic Technique for Secured Transmission	International Journal of Advanced Research in Computer Science and Software Engineering, Volume–2, Number–3, March, 2012, Pages 132–136	Journal	International	ISSN–2277 6451 (P), ISSN–2277 128X (O), Journal Impact Factor–2.5, Science Central Evaluation Score–6.39
31	Manas Paul, J. K. Mandal	A Novel Session Based Bit Level	RITS-International Conference on	Conference	International	

		Symmetric Key Cryptographic Technique to Enhance the Security of Network Based Transmission	Advancements in Engineering & Management (RITS ICAEM-2012), Royal Institute of Technology & Science, Hyderabad, India, February, 2012			
32	Manas Paul, J. K. Mandal	A Bit Level Session Based Encryption Technique to Enhance Information Security	International Journal on Computer Science and Engineering (IJCSE), Volume-4, Number-2, February, 2012, Pages 321-330	Journal	International	ISSN-0975 3397 (O), ISSN-2229 5631 (P), Impact Factor-0.583
33	Rajdeep Chowdhury, Mahuya Das, Saikat Ghosh	Computational Modeling of Resistivity of Multi Walled Carbon NanoTube Polymer Composites	Proceedings of National Conference on Synthesis, Characterization and Simulation in Nanoscience and Nanotechnology, 24 <sup>th</sup> -25 <sup>th</sup> February, 2012, JIS College of Engineering, Kalyani, , Page 79 [Abstract]	Conference	National	ISBN-978-81-9230349-9
34	Saikat Ghosh, Rajdeep Chowdhury	Study of Software Based Data Hiding [SBDH] Using Trigonometry Based Key [TBK] Generation	Thought-A Socio Technical Round Up, 3 <sup>rd</sup> Academic Meet 2012 Special Issue, Volume -15, Issue-1 & 2, January-June, 2012, Pages 21-23	Journal	National	Registration Number-65118/96, Declaration Number-62/97
35	Hiranmoy Sarkar, Parveen Hassan, Sumanta Bhattacharya	Implementing University Education through e-Learning	Proceedings of the National Conference on Paradigm Shift in Education Technology & Content Management (e-tcm 2012)	Conference	National	ISBN-978-81-923034-7-5
36	Supriya Chakraborty, Nabendu Chaki	DFRS: Domain Based Framework for Representing Semi-Structured Data	International Conference of ACM New York, USA, Pages 447- 452	Conference	International	ISBN-978-1-4503-1185-4