

Scopus Publication Details

Authors	Title	Year	Source title	DOI	Link	Document Type
Das, P., Bhuniya, B., Samanta, S.K., Dutta, P.	Studies on die filling of A356 Al alloy and development of a steering knuckle component using rheo pressure die casting system	2019	Journal of Materials Processing Technology	10.1016/j.jmatprotec.2019.04.014	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064070332&doi=10.1016%2fj.jmatprotec.2019.04.014&partnerID=40&md5=d5e450bee72f42746cda6154b07f4661	Article
Sengupta, A.R., Biswas, A., Gupta, R.	Comparison of low wind speed aerodynamics of unsymmetrical blade H-Darrieus rotors-blade camber and curvature signatures for performance improvement	2019	Renewable Energy	10.1016/j.renene.2019.03.054	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063271792&doi=10.1016%2fj.renene.2019.03.054&partnerID=40&md5=a760217914f2a5cb0c31037e3ea7a96f	Article
Roy, S., Ghosh, S., Chakarbor ty, U.	Compact dual wide-band four/eight elements MIMO antenna for WLAN applications	2019	International Journal of RF and Microwave Computer-Aided Engineering	10.1002/mmce.21749	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063339607&doi=10.1002%2fmce.21749&partnerID=40&md5=c60bb7d5c0016d5d3c31bb782f551349	Article
Das, R.K., Das, M.	Study of silver nanoparticle/polyvinyl alcohol nanocomposite	2019	International Journal of Plastics Technology	10.1007/s12588-019-09229-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065047238&doi=10.1007%2fs12588-019-09229-4&partnerID=40&md5=3787e96df521495754890b8d0d4c203c	Article

Bhattacharya, S., Roy, S., Rana, M., Banerjee, S., Karmakar, S.K., Biswas, J.K.	BIOMECHANICAL PERFORMANCE OF A MODIFIED DESIGN OF DYNAMIC CERVICAL IMPLANT COMPARED TO CONVENTIONAL BALL AND SOCKET DESIGN OF AN ARTIFICIAL INTERVERTEBRAL DISC IMPLANT: A FINITE ELEMENT STUDY	2019	Journal of Mechanics in Medicine and Biology	10.1142/S0219519419500179	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063756312&doi=10.1142%2fS0219519419500179&partnerID=40&md5=41f16ae1a6cc5ddac45993cd9e4d5e61	Article
Bhattacharjee, S., Biswas, A.	Development of noise model for InAsSb MOSFETs and their application in low noise amplifiers	2019	Microsystem Technologies	10.1007/s00542-017-3466-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020701438&doi=10.1007%2fs00542-017-3466-x&partnerID=40&md5=9d2e4145fe4bc44da8a3bdc2c226af19	Article
Das, S., Sanyal, M.K., Datta, D.	Intelligent Approaches for the Diagnosis of Low Back Pain	2019	Proceedings - 2019 Amity International Conference on Artificial Intelligence, AICAI 2019	10.1109/AICAI.2019.8701266	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065607275&doi=10.1109%2fAICAI.2019.8701266&partnerID=40&md5=1a985c78b8b5e725bbf803650b706159	Conference Paper

Das, S., Chakraborty, S., Rai, N., Dhar, A., Sadhu, A., Gautam, B., Verma, P., Singh, A., Sherpa, C., Chakraborty, M.	Eastern Himalayan glacial hazard analysis using UAV-A brief approach	2019	2019 URSI Asia-Pacific Radio Science Conference, AP-RASC 2019	10.23919/URSIAP-RASC.2019.8738483	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068597014&doi=10.23919%2fURSIAP-RASC.2019.8738483&partnerID=40&md5=be4a887705eccc2410668858c1431931	Conference Paper
Koley, S., Sen, S., Chakraborty, S.	Thermoelectric switching of single-walled carbon nanotubes due to encapsulation of iodine atomic chain	2019	Journal of Physical Chemistry C	10.1021/acs.jpcc.8b10929	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061559756&doi=10.1021%2facsjpcc.8b10929&partnerID=40&md5=041f49b979eda19170c044a96b2fa734	Article
Bhowmik, R., Sen, S.	Spin-Crossover Assisted Spin-Switching and Rectification Action in Half-Metallic Graphitic Carbon Nitride($g-C_4N_3$)	2019	ChemPhysChem	10.1002/cphc.201800941	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059616197&doi=10.1002%2fcphc.201800941&partnerID=40&md5=fbed4d88586ba3bcec986d165d59dfa6	

Saha, S., DasGupta, S., Das, S.K.	Spam mail detection using data mining: A comparative analysis	2019	Smart Innovation, Systems and Technologies	10.1007/978- 981-13-1921- 1_56	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054814360&doi=10.1007%2f978-981-13-1921-1_56&partnerID=40&md5=c7aeb04e0f06b33775f8e8b7f583a6db	Conference Paper
DasGupta, S., Saha, S., Das, S.K.	Impact of data mining techniques in predictive modeling: A case study	2019	Advances in Intelligent Systems and Computing	10.1007/978- 981-13-1498- 8_51	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053640073&doi=10.1007%2f978-981-13-1498-8_51&partnerID=40&md5=1b82910e47765c37771aa089181dbd3	Conference Paper
Dasgupta, M., Mandal, J.K.	Deep Convolutional Neural Network Based Facial Keypoints Detection	2019	Communications in Computer and Information Science	10.1007/978- 981-13-8578- 0_4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068718740&doi=10.1007%2f978-981-13-8578-0_4&partnerID=40&md5=901753fa7d4710c70297afbb2d0423f1	Conference Paper
Deyasi, A., Bhattachar yya, S.	Quantum-Confined States of Electrons in Semiconductor Quantum Ring Under Crossed Electromagnetic Field	2019	Lecture Notes in Electrical Engineering	10.1007/978- 981-13-7091- 5_15	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066879574&doi=10.1007%2f978-981-13-7091-5_15&partnerID=40&md5=d9d133facf5bff036355240a3a55709b	Conference Paper
Pal, M., Maity, N.P., Maity, R.	An improved displacement model for micro-electro-mechanical-system based ultrasonic transducer	2019	Microsystem Technologies	10.1007/s005 42-019-04387- 2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062718243&doi=10.1007%2fs00542-019-04387-2&partnerID=40&md5=1403e4fcd378439bdc5fc9cf00cd7f37	Article

Das Gupta, S., Choudhury, S., Chaki, R.	Disaster management system using vehicular Ad Hoc networks	2019	Advances in Intelligent Systems and Computing	10.1007/978-981-13-3702-4_6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061152990&doi=10.1007%2f978-981-13-3702-4_6&partnerID=40&md5=d00cbe4cc4e78c3be0b281eace3f0241	Conference Paper
Banerjee, A., Bhattacharyya, S., Deyasi, A.	Synthesis of high-speed multivalued ALU for $(2p \pm q)$ Radix	2019	Lecture Notes in Electrical Engineering	10.1007/978-981-10-8234-4_67	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051701983&doi=10.1007%2f978-981-10-8234-4_67&partnerID=40&md5=9b3fb5d5d895d2f5740c9064e4c2e9f1	Conference Paper
Purkait, G., Singh, D., Mishra, M., Jena, A.R., Banerjee, A.	An improved bio-inspired BAT algorithm for optimization	2019	Advances in Intelligent Systems and Computing	10.1007/978-981-13-0224-4_22	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050384301&doi=10.1007%2f978-981-13-0224-4_22&partnerID=40&md5=9dce915bdb3e71e47dc9184f2818ffc8	Conference Paper

Biswas, J.K., Sahu, T.P., Rana, M., Roy, S., Karmakar, S.K., Majumder, S., Roychowdhury, A.	Design factors of lumbar pedicle screws under bending load: A finite element analysis	2019	Biocybernetics and Biomedical Engineering	10.1016/j.bbe.2018.10.003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055676895&doi=10.1016%2fj.bbe.2018.10.003&partnerID=40&md5=8f243cdcdf4275acbba84250badb5e35	Article
Banerjee, A., Deyasi, A., Bhattacharyya, S., Sarkar, A.	Fast squaring technique for radix vicinity numbers for radix $2n \hat{\pm} M$ with reduced computational complexity	2019	Lecture Notes in Electrical Engineering	10.1007/978-981-13-0776-8_13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051831572&doi=10.1007%2f978-981-13-0776-8_13&partnerID=40&md5=b7bcb3aab7a831c03c17f4ff43917426	Conference Paper
Neogi, B., Barui, S., Das, S., Paul, S., Ghosh, J., Ghosh, S.	Tuning and transfer functional modelling of a prosthetic arm	2019	Journal of Computational Methods in Sciences and Engineering	10.3233/JCM-180880	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060026260&doi=10.3233%2fJCM-180880&partnerID=40&md5=7f788ef1107756aaf1de14f6fc1d2513	Article
Sindhu, M.K., Nandi, D., Basak, I.	Electric discharge phenomenon in dielectric and electrolyte medium	2018	Advances in Manufacturing	10.1007/s40436-018-0221-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057451563&doi=10.1007%2fs40436-018-0221-1&partnerID=40&md5=6d3fb9319e21d8a7822c6a7a8d916d80	Article

Nikitenko, M.S., Zhuravlev, S.S., Rudometov, S.V., Neogi, B., Belyi, A.M.	Walking support control system algorithms testing with brain-computer interface (BCI) and augmented reality (AR) technology integration	2018	IOP Conference Series: Earth and Environmental Science	10.1088/1755-1315/206/1/012043	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058050133&doi=10.1088%2f1755-1315%2f206%2f1%2f012043&partnerID=40&md5=f140ac4e43fc5e3d646cb8fc3ef071e8	Conference Paper
Giri, B.C., Bhattacharjee, R., Maiti, T.	Optimal payment time in a two-echelon supply chain with price-dependent demand under trade credit financing	2018	International Journal of Systems Science: Operations and Logistics	10.1080/23302674.2017.1336263	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057084116&doi=10.1080%2f23302674.2017.1336263&partnerID=40&md5=86a4130975ffbde3a3476b801f389b73	Article
Biswas, S.K., Kundu, A., Bose, S.K., Biswas, D., Banerjee, A., Majumdar, S.	Effect of depth of cut on grindability of Inconel 600	2018	AIP Conference Proceedings	10.1063/1.5058245	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054596677&doi=10.1063%2f1.5058245&partnerID=40&md5=845530ae4429ef28c39a99e345b7bad2	Conference Paper
Singha Roy, S., Bandyopadhyay, P.	Quantum perspective on the localized strand separation and cyclization of DNA double helix	2018	Physics Letters, Section A: General, Atomic and Solid State Physics	10.1016/j.physleta.2018.04.048	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046727762&doi=10.1016%2fj.physleta.2018.04.048&partnerID=40&md5=e73d3e8bd02cad7da3b726f4a84b7a63	Article

Biswas, P., Kundu, A., Mondal, D., Kumar Bardhan, P.	Effect of heat treatment on microstructure behavior and hardness of en 8 steel	2018	IOP Conference Series: Materials Science and Engineering	10.1088/1757-899X/377/1/012065	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050507776&doi=10.1088%2f1757-899X%2f377%2f1%2f012065&partnerID=40&md5=222c1df5c50484496270373b456a0546	Conference Paper
Pal, M., Bhattacharya, S., Sarkar, T.	Euler number based feature extraction technique for gender discrimination from offline Hindi signature using SVM & BPNN classifier	2018	2018 Emerging Trends in Electronic Devices and Computational Techniques, EDCT 2018	10.1109/EDCT.2018.8405084	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050944983&doi=10.1109%2fEDCT.2018.8405084&partnerID=40&md5=0ed1348023b9d4846871da92ba0dc67f	Conference Paper
Patra, A., Saha, A., Chakraborty, A.K., Bhattacharya, K.	A new approach to invisible water marking of color images using alpha blending	2018	2018 Emerging Trends in Electronic Devices and Computational Techniques, EDCT 2018	10.1109/EDCT.2018.8405083	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050943648&doi=10.1109%2fEDCT.2018.8405083&partnerID=40&md5=44cec77e3d58285d77443c6d2567c81a	Conference Paper
Dey, S., Dey, B., Bhattacharjee, S.	Effects of composition fraction on subthreshold behavior of InAs _x Sb _(1-x) channel UTB MOSFETs	2018	2018 Emerging Trends in Electronic Devices and Computational Techniques, EDCT 2018	10.1109/EDCT.2018.8405089	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050918023&doi=10.1109%2fEDCT.2018.8405089&partnerID=40&md5=9b37c0f4380cdf176ec3919bf48bce63	Conference Paper
Debnath, J., Majumder, D., Biswas, A.	Air quality assessment using weighted interval type-2 fuzzy inference system	2018	Ecological Informatics	10.1016/j.ecoinf.2018.06.002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049323820&doi=10.1016%2fj.ecoinf.2018.06.002&partnerID=40&md5=18b5ee2370965ad50729ad2927d927dd	Article

Koley, S., Sen, S., Chakrabarti, S.	Vanishing Thermal Conductance of Carbon Nanotube upon Encapsulation by Zigzag Sulfur Chain	2018	Journal of Physical Chemistry Letters	10.1021/acs.jpcclett.8b01121	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047537497&doi=10.1021%2facsclett.8b01121&partnerID=40&md5=30ac96a601221d8b58fa7e3a77c9ec9b	Article
Kizilov, S.A., Nikitenko, M.S., Neogi, B.	Concept of mobile operator position based on neurocomputer interface and augmented reality	2018	IOP Conference Series: Materials Science and Engineering	10.1088/1757-899X/354/1/012016	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050674890&doi=10.1088%2f1757-899X%2f354%2f1%2f012016&partnerID=40&md5=e8d647eda7d03643bad77ef37d80f77d	Conference Paper
Midya, A., Mukherjee, S., Roy, S., Santra, S., Manna, N., Ray, S.K.	Selective chloroform sensor using thiol functionalized reduced graphene oxide at room temperature	2018	Materials Research Express	10.1088/2053-1591/aaa67b	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043507324&doi=10.1088%2f2053-1591%2faaa67b&partnerID=40&md5=8b97a30ee673191ea22669cbb25794f5	Article
Biswas, A., Das, S., Ganguly, S.	Activity-Based Learning (ABL) for engaging engineering students	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_58	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063165892&doi=10.1007%2f978-981-10-3953-9_58&partnerID=40&md5=7d88fb76e8f23cd12e665b7621afe72d	Book Chapter

Chowdhury, R., Bhattacharya, I., De, N., Saha, S.	Double ended bottom-up approach of data warehouse architecture employing country ISO code engendered cryptographic algorithm	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_14	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063160075&doi=10.1007%2f978-981-10-3953-9_14&partnerID=40&md5=dc71ecf8a2776aeefd09786d147c3b6e	Book Chapter
Ghosh, P., Saha, T., Kumari, B.	Aspects of low-power high-speed CMOS VLSI design: A review	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_37	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063152716&doi=10.1007%2f978-981-10-3953-9_37&partnerID=40&md5=30379d0bb5d14520aec44a4f2b1d83a5	Book Chapter
Datta, S.	Assessment of uncontrolled intersections through calibration of VISSIM for indian traffic conditions	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_31	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063151145&doi=10.1007%2f978-981-10-3953-9_31&partnerID=40&md5=395ac600448c82369ac84e97253c3c12	Book Chapter
Gupta, S.	Foreword	2018	Lecture Notes in Networks and Systems		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063149230&partnerID=40&md5=9b49a069f7dc7caef0653328d2a5cc07	Editorial
Chowdhury, R., Saha, S., Sahana, S., Sanki, D.	Realization of outcome-based education through teaching learning methodology in engineering institution	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_59	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063142442&doi=10.1007%2f978-981-10-3953-9_59&partnerID=40&md5=dbe80709e8f97c200f47ad7b16fd0ad9	Book Chapter

Majumder, A.B., Gupta, S.	CBSTD: A cloud based symbol table driven DNA compression algorithm	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_45	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058992220&doi=10.1007%2f978-981-10-3953-9_45&partnerID=40&md5=35900f045e60296fac42be32feb17de6	Book Chapter
Das, Z., Islam, A., Banerjee, D., Ghosh, M., Neogi, B.	Study and design on cyber interaction processes for cerebral palsy employees	2018	International Journal of Nanoparticles	10.1504/IJNP.2018.096384	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057890388&doi=10.1504%2fIJNP.2018.096384&partnerID=40&md5=5908431979f6d6d1adbc0409171c1bcc	Article
Singh, D.	A modified bio inspired: BAT algorithm	2018	International Journal of Applied Metaheuristic Computing	10.4018/IJAMC.2018010105	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056699074&doi=10.4018%2fIJAMC.2018010105&partnerID=40&md5=1f5cb5b6674556719b7ab908c5a8a93c	Article
Singh, D.	Cloud computing environment in big data for education	2018	Lecture Notes in Educational Technology	10.1007/978-981-13-0650-1_12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056195103&doi=10.1007%2f978-981-13-0650-1_12&partnerID=40&md5=5da74ce4571a0645ce94c4e3c7593879	Book Chapter
Majumder, A.B., Gupta, S.	An energy-efficient congestion avoidance priority-based routing algorithm for body area network	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_52	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046807293&doi=10.1007%2f978-981-10-3953-9_52&partnerID=40&md5=74433bc326792525928454f701928cc0	Book Chapter

Chowdhury, R., Roy, O., Datta, S., Dasgupta, S.	Virtual data warehouse model employing crypto-math modus operandi and intelligent sensor algorithm for cosseted transference and output augmentation	2018	Knowledge Computing and Its Applications: Knowledge Manipulation and Processing Techniques: Volume 1	10.1007/978-981-10-6680-1_6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046587630&doi=10.1007%2f978-981-10-6680-1_6&partnerID=40&md5=833a56dd9f594b2f2507c751532ff05c	Book Chapter
DasGupta, S., Saha, S., Chatterjee, K.	Remote healthcare development using vehicular Ad Hoc and wireless sensor networks	2018	Advances in Intelligent Systems and Computing	10.1007/978-981-10-7871-2_41	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045691648&doi=10.1007%2f978-981-10-7871-2_41&partnerID=40&md5=64993319361b4bc7402ed2a5a19d266f	Conference Paper
Chatterjee, S., Chowdhury, S.R., Roy, K.	A Conceptual Software Model of E-Business to Analyze the Growth Rate of a Product	2018	Advances in Intelligent Systems and Computing	10.1007/978-981-10-6872-0_35	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042318909&doi=10.1007%2f978-981-10-6872-0_35&partnerID=40&md5=07e59beba02ed65151dab082d9be5320	Conference Paper
Sanyal, A., Gupta, R.	Some limitations of outcome-based education	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_57	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063159065&doi=10.1007%2f978-981-10-3953-9_57&partnerID=40&md5=49a937294f2d73be4045526eb3412c39	Book Chapter

Bhattacharya, S., Sen, S., Dutta, M., Biswas, P., Chattopadhyay, H.	Preface	2018	Lecture Notes in Networks and Systems	10.17491/cgsi/2016/105404	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063153311&doi=10.17491%2fcgsi%2f2016%2f105404&partnerID=40&md5=604e00c35a57462921a10d75e1f2fc85	Editorial
Ghosh, S., Ghosh, A., Sarkar, I.	Performance optimization of microstrip antenna with different slot configurations and various dielectric materials	2018	Journal of Electronic Science and Technology	10.11989/JEST.1674-862X.70728112	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063041089&doi=10.11989%2fJEST.1674-862X.70728112&partnerID=40&md5=49508c5ad0ffae7065732bfe3114248c	Article
Bhattacharjee, S., Biswas, A.	Effects of sidewall spacer layers on thermal and low frequency noise performance of SOI UTB MOSFETs	2018	Microsystem Technologies	10.1007/s00542-018-4141-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053783989&doi=10.1007%2fs00542-018-4141-6&partnerID=40&md5=078c9233fb8aa335343201d2f88a2e9f	
Ghosh, S., Kundu, P.K.	Realization of RFID-Based DAS Using an RF Transceiver and Huffman Coding	2018	IETE Journal of Research	10.1080/03772063.2018.1516519	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053510340&doi=10.1080%2f03772063.2018.1516519&partnerID=40&md5=5f2c1a933ceb3687e67bd9cd74766dbc	

Das, S., Sanyal, M.K., Datta, D.	Advanced Diagnosis of Deadly Diseases Using Regression and Neural Network	2018	Communications in Computer and Information Science	10.1007/978- 981-13-1343- 1_29	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053204393&doi=10.1007%2f978-981-13-1343-1_29&partnerID=40&md5=d20d282102128a0072d16769a395ca3d	Conference Paper
Das, S., Biswas, S., Paul, A., Dey, A.	AI Doctor: An intelligent approach for medical diagnosis	2018	Lecture Notes in Networks and Systems	10.1007/978- 981-10-3953- 9_17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053190368&doi=10.1007%2f978-981-10-3953-9_17&partnerID=40&md5=5f56a175a076d9d7bc07d0dcda3df3f3	Book Chapter
Das, S., Sanyal, M., Datta, D., Biswas, A.	AISLDr: Artificial intelligent self- learning doctor	2018	Advances in Intelligent Systems and Computing	10.1007/978- 981-10-7566- 7_9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045638073&doi=10.1007%2f978-981-10-7566-7_9&partnerID=40&md5=3509527cbf8adaf9c24f84f9cd9c6e57	Conference Paper
Sahana, S., Bose, R., Sarddar, D.	Server utilization-based smart temperature monitoring system for cloud data center	2018	Lecture Notes in Networks and Systems	10.1007/978- 981-10-3953- 9_30	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042305749&doi=10.1007%2f978-981-10-3953-9_30&partnerID=40&md5=06de59f6641fdd8043ddf0c3aecf1636	Book Chapter

Dutta, M., Dutta, D., Sikdar, S., Dutta, S., Dutta, S.	A study on data acquisition and analysis in real time for prediction of cardiovascular disease in real time using indigenous low-cost CHMS	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_56	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063147951&doi=10.1007%2f978-981-10-3953-9_56&partnerID=40&md5=3c63d1a3c7090f41962aa9a400ea5977	Book Chapter
Bhattacharyya, S., Haldar, S., Deyasi, A.	Effect of surface-to-volume ratio on eigenenergy in quantum ring	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063141177&doi=10.1007%2f978-981-10-3953-9_8&partnerID=40&md5=a94f1f64e62cb44a34d0e7380eff2d9d	Book Chapter
Sahana, S., Bose, R., Saraddar, D.	Fog-Based Hierarchical Search Optimization	2018	Communications in Computer and Information Science	10.1007/978-981-13-1343-1_55	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053214119&doi=10.1007%2f978-981-13-1343-1_55&partnerID=40&md5=985d58b1b34247450a2df299532863a8	Conference Paper
Neogi, B., Islam, S.K.S., Chakraborty, P., Barui, S., Das, A.	Introducing MIT rule toward improvement of adaptive mechanical prosthetic arm control model	2018	Advances in Intelligent Systems and Computing	10.1007/978-981-10-3373-5_38	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026770631&doi=10.1007%2f978-981-10-3373-5_38&partnerID=40&md5=93cc84f9fcba9af63175be2e48e1d4cf	Conference Paper

Mukhopadhyay, D.S., Chanda, R., Chakraborti, D., Biswas, P.	Soft computing approach to electrical transmission network congestion management	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063131995&doi=10.1007%2f978-981-10-3953-9_7&partnerID=40&md5=32d4fc9815c0c0c38702b796eb0f61ad	Book Chapter
Goswami, S., Dey, U., Roy, P., Ashour, A.S., Dey, N.	Medical video processing: Concept and applications	2018	Computer Vision: Concepts, Methodologies, Tools, and Applications	10.4018/978-1-5225-5204-8.ch071	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045041029&doi=10.4018%2f978-1-5225-5204-8.ch071&partnerID=40&md5=ba9931da52146bbcb5bdf6328a7620c9	Book Chapter
Das, S., Paul, S., Ojha, S.K., Neogi, B., Nazarov, A., Ghosh, J., Ghosh, S.	On design and implementation of an artificial lower limb	2018	International Journal of Sensors, Wireless Communications and Control	10.2174/2211556007666180606075218	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057099394&doi=10.2174%2f2211556007666180606075218&partnerID=40&md5=5a27921fbed1471dfeffc15c1bda447bf	Article
Sharma, S.K., Bhowmik, B., Pal, V., Periasamy, C.	Electrical and Methanol Sensing Characteristics of RF Sputtered n-ZnO/p-Si Heterojunction Diodes	2017	IEEE Sensors Journal	10.1109/JSEN.2017.2754542	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030651700&doi=10.1109%2fJSEN.2017.2754542&partnerID=40&md5=c5cb19be30c75fabe9108a81addec1d6	Article

Bhattacharya, S., Halder, S., Deyasi, A.	Effect of surface-to-volume ratio on eigenenergy in quantum disk in presence of magnetic field	2017	2017 1st International Conference on Electronics, Materials Engineering and Nano-Technology, IEMENTech 2017	10.1109/IEMENTECH.2017.8076944	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039957868&doi=10.1109%2fIEMENTECH.2017.8076944&partnerID=40&md5=68fb977a1abbb7b7299fd8d8b60af	Conference Paper
Islam, A., Banerjee, D., Das, Z., Ghosh, M., Neogi, B.	Introducing computational interactions for cerebral palsy employees	2017	Proceedings of 2nd International Conference on 2017 Devices for Integrated Circuit, DevIC 2017	10.1109/DEVIC.2017.8074063	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039975846&doi=10.1109%2fDEVIC.2017.8074063&partnerID=40&md5=9d75fdc459499c310ae7da99bd3319e9	Conference Paper
Ghosh, S., Ghosh, A., Sarkar, I.	Design of probe feed patch antenna with different dielectric constants	2017	Proceedings of 2nd International Conference on 2017 Devices for Integrated Circuit, DevIC 2017	10.1109/DEVIC.2017.8074066	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039972024&doi=10.1109%2fDEVIC.2017.8074066&partnerID=40&md5=654a4253cf994470a4f5ad786e4d69d3	Conference Paper
Banerjee, A., Pal, S., Bhattacharya, S., Das, D.K.	Memristor based modulo multiplier design for $(2n-1)$ and $2n$ radix	2017	Proceedings of 2nd International Conference on 2017 Devices for Integrated Circuit, DevIC 2017	10.1109/DEVIC.2017.8073898	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039963570&doi=10.1109%2fDEVIC.2017.8073898&partnerID=40&md5=0e42a3da2cb1250d09b37e74ea587c8b	Conference Paper

Banik, B.C., Ghosh, M., Das, A., Banerjee, D., Paul, S., Neogi, B.	Design of mind-controlled vehicle (MCV) & study of EEG signal for three mental states	2017	Proceedings of 2nd International Conference on 2017 Devices for Integrated Circuit, DevIC 2017	10.1109/DEVIC.2017.8074065	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039969407&doi=10.1109%2fDEVIC.2017.8074065&partnerID=40&md5=b33acf09a4807557b8516dbecf1300d5	Conference Paper
Dey, N., Ashour, A.S., Chakraborty, S., Banerjee, S., Gospodina, E., Gospodinov, M., Hassanien, A.E.	Watermarking in biomedical signal processing	2017	Studies in Computational Intelligence	10.1007/978-3-319-44790-2_16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992160345&doi=10.1007%2f978-3-319-44790-2_16&partnerID=40&md5=3e79f6fb087f8f792c1930dc3a74de17	Article
Nikitenko, M.S., Malakhov, Y.V., Neogi, B., Chakraborty, P., Banerjee, D.	Robotic complex for the development of thick steeply-inclined coal seams and ore deposits	2017	IOP Conference Series: Earth and Environmental Science	10.1088/1755-1315/84/1/012002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042255821&doi=10.1088%2f1755-1315%2f84%2f1%2f012002&partnerID=40&md5=9bba324f14f1cb7a98e3fd6c5fc04f6c	Conference Paper

Biswas, P., Kundu, A., Mondal, D.	An Experimental Investigation on Hardness and Microstructure of Heat Treated en 9 Steel	2017	IOP Conference Series: Materials Science and Engineering	10.1088/1757-899X/225/1/012055	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030312834&doi=10.1088%2f1757-899X%2f225%2f1%2f012055&partnerID=40&md5=78bc03a6da742621753ce3f711801841	Conference Paper
Sinha, R.	Comments on 'Miniaturization of a 90° Hybrid Coupler with Improved Bandwidth Performance'	2017	IEEE Microwave and Wireless Components Letters	10.1109/LMWC.2017.2724004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028912624&doi=10.1109%2fLMWC.2017.2724004&partnerID=40&md5=845e02ea4421182cb995c6c2010a0a4b	Note
Banerjee, A., Das, D.K.	A new ALU architecture design using reversible logic	2017	Proceedings - 2016 6th International Symposium on Embedded Computing and System Design, ISED 2016	10.1109/ISED.2016.7977079	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027558140&doi=10.1109%2fISED.2016.7977079&partnerID=40&md5=d0185fb7aa12d9ab337a2c33a2143dbd	Conference Paper
Sen, S.	Role of asymmetric magnetic electrodes in tuning spin selective rectification action of borazine	2017	Chemical Physics	10.1016/j.chemphys.2017.05.011	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019642783&doi=10.1016%2fj.chemphys.2017.05.011&partnerID=40&md5=b65e596ece51fbfd92ae24ce75befd9e	Article
Sinha, R.	Comments on "Design of a Planar Dual-Band Power Divider With Arbitrary Power Division and a Wide Isolated Frequency Band"	2017	IEEE Transactions on Microwave Theory and Techniques	10.1109/TMTT.2016.2647245	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010223419&doi=10.1109%2fTMTT.2016.2647245&partnerID=40&md5=1ce2608132d3dc4c2e053528c5aefa06	Letter

Sinha, R., De, A.	Comments on An Analytical Design Method for a Novel Dual-Band Unequal Coupler with Four Arbitrary Terminated Resistances	2017	IEEE Transactions on Industrial Electronics	10.1109/TIE.2017.2652371	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018984657&doi=10.1109%2fTIE.2017.2652371&partnerID=40&md5=62c40dd496c6f737171879b68b41c6fc	Note
Das, D., Dey, G., Maji, P., Dey, N.	Ethical e-health: A possibility of the future or a distant dream?	2017	Healthcare Ethics and Training: Concepts, Methodologies, Tools, and Applications	10.4018/978-1-5225-2237-9.ch067	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021379024&doi=10.4018%2f978-1-5225-2237-9.ch067&partnerID=40&md5=51946f7f77b2073109d607481acec7a6	Book Chapter
Dutta, D., Dutta, M., Dutta, S.	A software based approach to acquisition and analysis of biosignals using CSAP	2017	Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016	10.1109/CCA.A.2016.7813845	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011079191&doi=10.1109%2fCCA.A.2016.7813845&partnerID=40&md5=803e70b29f15e1f902f8f72a15bf8d3c	Conference Paper
Haldar, S., Bhupal, S., Sen, S., Sandel, P., Bose, U., Bhattacharyya, S.	A method of arbitrary waveform generation with microcontrollers	2017	Computational Science and Engineering - Proceedings of the International Conference on Computational Science and Engineering, ICCSE2016		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018646916&partnerID=40&md5=2e36c27ecc5470c84061d30d04e0ec1e	Conference Paper

Mustafa, S., Matsumoto, Y., Yamaguchi, H.	An energy-based damping evaluation for the local damage detection of an existing steel truss bridge	2017	SHMII 2017 - 8th International Conference on Structural Health Monitoring of Intelligent Infrastructure, Proceedings		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050146033&partnerID=40&md5=509044b201ba13601bbdfd575e3b3b6e	Conference Paper
Paul, A., Das, D.	Identification of character adjectives from Mahabharata	2017	International Conference Recent Advances in Natural Language Processing, RANLP	10.26615/978-954-452-049-6-074	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045741045&doi=10.26615%2f978-954-452-049-6-074&partnerID=40&md5=d18a1b4ae500cb3d5a322c2301dc4869	Conference Paper
Sahana, S., Bose, R., Sarddar, D.	An enhanced search optimization proposal based on gossip protocol for the cloud	2017	International Journal of Applied Engineering Research		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040225880&partnerID=40&md5=c2c88585fc672f0078e4f8d47426bde7	Article
Roy, S.S.	On the Einstein relation under size quantization in heterostructures semiconductor	2017	Proceedings of SPIE - The International Society for Optical Engineering	10.1117/12.2249554	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039431090&doi=10.1117%2f12.2249554&partnerID=40&md5=69a2df5fe274f4ec14078eed4e0af563	Conference Paper

Ghosal, A., Chakraborty, S., Maity, S., Paul, A., Roy, P.	Low-cost and secured biometric system-based EVM with instant counting by wireless transmission of data to a central place	2017	Computer, Communication and Electrical Technology - Proceedings of the International Conference on Advancement of Computer Communication and Electrical Technology, ACCET 2016		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034821034&partnerID=40&md5=e45aa40ac5f619a8e07418cc7eeb7d19	Conference Paper
Majumder, D., Biswas, A., Sahu, S., Halder, P.	Validation of questionnaires for measuring morningness of students and shift workers in Indian population using intelligent fuzzy system	2017	Intelligent Decision Technologies	10.3233/IDT-170294	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032792144&doi=10.3233%2fIDT-170294&partnerID=40&md5=a07b1e2714e9001ebf1050dd8510e584	Article
Majumder, D., Debnath, J., Biswas, A.	Interval type-2 mamdani fuzzy inference system for morningness assessment of individuals	2017	Advances in Intelligent Systems and Computing	10.1007/978-981-10-3174-8_57	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027143814&doi=10.1007%2f978-981-10-3174-8_57&partnerID=40&md5=fee05a55a73be44bbcd0ab35015be704	Conference Paper
Bhattacharjee, S., Dutta, T., Bhattacharjee, C.	Removal of arsenic from contaminated water using micellar-enhanced-ultrafiltration	2017	Indian Journal of Environmental Protection		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020858327&partnerID=40&md5=69ae7dca113e0f41c8637fefbde36ba5	Article

Majumder, D., Sahu, S., Biswas, A.	A fuzzy reasoning approach for assessing morningness of individuals using reduced version of Morningness-Eveningness Questionnaire	2017	International Journal of Computational Intelligence Systems	10.2991/ijcis.2017.10.1.24	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018793798&doi=10.2991%2fijcis.2017.10.1.24&partnerID=40&md5=f152b9dc7796fa3909a8d8c49a3cddde	Article
Bose, R., Sahana, S., Sarddar, D.	An adaptive cloud communication network using VSAT with enhanced security implementation	2017	Advances in Intelligent Systems and Computing	10.1007/978-981-10-2035-3_13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006036320&doi=10.1007%2f978-981-10-2035-3_13&partnerID=40&md5=c9d28167040063769bed371993f8cd5e	Conference Paper
Chakraborti, D., Biswas, P., Pal, B.B.	Modelling multiobjective bilevel programming for environmental-economic power generation and dispatch using genetic algorithm	2017	Communications in Computer and Information Science	10.1007/978-981-10-6430-2_33	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032491201&doi=10.1007%2f978-981-10-6430-2_33&partnerID=40&md5=a45dd74b5bccc0d5c05474c13bc61ec2	Conference Paper
Das, S., Bhattacharjee, S., Bhattacharyya, S., Neogi, B.	Study on systemic modeling for cardiac and respiratory system towards support on prosthesis facets	2017	Computational Science and Engineering - Proceedings of the International Conference on Computational Science and Engineering, ICCSE2016		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018625626&partnerID=40&md5=f493f77791f5847554c15346ea1e51c3	Conference Paper

Datta, L.P., Chatterjee, A., Acharya, K., De, P., Das, M.	Enzyme responsive nucleotide functionalized silver nanoparticles with effective antimicrobial and anticancer activity	2017	New Journal of Chemistry	10.1039/c6nj02955h	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012975601&doi=10.1039%2fc6nj02955h&partnerID=40&md5=c0d10e587b74f9c2238b93a974ab9f48	Article
Das, P., Paul, S., Ghosh, J., Palbhowmik, S., Neogi, B., Ganguly, A.	An approach towards the representation of sign language by electromyography signals with fuzzy implementation	2017	International Journal of Sensors, Wireless Communications and Control	10.2174/2210327907666170222093839	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042159029&doi=10.2174%2f2210327907666170222093839&partnerID=40&md5=b986a527eccaa4ae f31e6a09ff5cd8b3	Article
Dey, N., Ahmed, Sk.S., Chakraborty, S., Maji, P., Das, A., Chaudhuri, S.S.	Effect of trigonometric functions-based watermarking on blood vessel extraction: An application in ophthalmology imaging	2017	International Journal of Embedded Systems	10.1504/IJES.2017.081720	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011284411&doi=10.1504%2fIJES.2017.081720&partnerID=40&md5=8240955093dfc145d71cefc2a9211584	Conference Paper

Ahmed, S.S., Dey, N., Ashour, A.S., Sifaki-Pistolla, D., BÄflas-Timar, D., Balas, V.E., Tavares, J.M.R.S.	Effect of fuzzy partitioning in Crohnâ€™s disease classification: a neuro-fuzzy-based approach	2017	Medical and Biological Engineering and Computing	10.1007/s11517-016-1508-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964221915&doi=10.1007%2fs11517-016-1508-7&partnerID=40&md5=37d96be9f61d119ecf3c99299e3e1c42	Article
Goswami, S., Dey, U., Roy, P., Ashour, A., Dey, N.	Medical video processing: Concept and applications	2016	Feature Detectors and Motion Detection in Video Processing	10.4018/978-1-5225-1025-3.ch001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015162396&doi=10.4018%2f978-1-5225-1025-3.ch001&partnerID=40&md5=b1706354149e5d5fbb420abba80c1beb	Book Chapter
Das, S., Pal, S., Mitra, M.	Significance of Exhaled Breath Test in Clinical Diagnosis: A Special Focus on the Detection of Diabetes Mellitus	2016	Journal of Medical and Biological Engineering	10.1007/s40846-016-0164-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84993961138&doi=10.1007%2fs40846-016-0164-6&partnerID=40&md5=2b16b03448a3f23d537512e11ae91732	Review

Roy, P., Chakraborty, S., Goswami, S., Azar, A.T., Dey, N.	Image segmentation using rough set theory: A review	2016	Medical Imaging: Concepts, Methodologies, Tools, and Applications	10.4018/978-1-5225-0571-6.ch059	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014018743&doi=10.4018%2f978-1-5225-0571-6.ch059&partnerID=40&md5=56469caf608a23cada00b345f72ff2f1	Book Chapter
Bhattacharjee, S., Dutta, T., Bhattacharjee, C.	Removal of arsenic from contaminated water by coagulation followed by polyelectrolyte enhanced ultrafiltration	2016	Desalination and Water Treatment	10.1080/19443994.2015.1031711	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957441470&doi=10.1080%2f19443994.2015.1031711&partnerID=40&md5=66e8cfccd4866f7e1e1fb33f0f2f1b41	Article
Chowdhury, R., Khan, J., Sengupta, S., Dasgupta, S., Datta, S., De, M.	Dynamic referencing data warehouse employing proposed time integrated seed based element engendered cryptographic algorithm	2016	ACM International Conference Proceeding Series	10.1145/2909067.2909094	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84986596476&doi=10.1145%2f2909067.2909094&partnerID=40&md5=1af7d542bcc8a4b693d113ae6cd21ea1	Conference Paper
Banerjee, A., Das, D.K.	Squaring in Reversible Logic Using Zero Garbage and Reduced Ancillary Inputs	2016	Proceedings of the IEEE International Conference on VLSI Design	10.1109/VLSID.2016.112	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964584057&doi=10.1109%2fVLSID.2016.112&partnerID=40&md5=9432cbb8bbf959984ff1c511f0fe38a6	Conference Paper

Deyasi, A., Mukherjee, K., Bhattacharyya, S.	Dependence of small-signal properties of Si _{0.9} Ge _{0.1} DDR IMPATT on input current density at millimeterwave frequency	2016	Proceedings of 2015 IEEE International Conference on Research in Computational Intelligence and Communication Networks, ICRCICN 2015	10.1109/ICRCICN.2015.7434252	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84965165918&doi=10.1109%2fICRCICN.2015.7434252&partnerID=40&md5=d7d9b751bcfdfeedc1680542c0f9fac8	Conference Paper
Ray, P., Maitra, A.K., Basuray, A.	Entropy-based wavelet de-noising for partial discharge measurement application	2016	2016 IEEE 1st International Conference on Control, Measurement and Instrumentation, CMI 2016	10.1109/CMI.2016.7413752	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964407350&doi=10.1109%2fCMI.2016.7413752&partnerID=40&md5=07a199d14dc6b6843aeb600f44a4f4d5	Conference Paper
Mondal, A., Chaturvedi, I., Das, D., Bajpai, R., Bandyopadhyay, S.	Lexical Resource for Medical Events: A Polarity Based Approach	2016	Proceedings - 15th IEEE International Conference on Data Mining Workshop, ICDMW 2015	10.1109/ICDMW.2015.170	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964720217&doi=10.1109%2fICDMW.2015.170&partnerID=40&md5=b80f35206ad2d7622372894d9b3bb6ad	Conference Paper

Dutta, S., Ghosal, P.	Routing solution over a multi-layered Network on Chip	2016	2015 IEEE International Conference on Electronics, Computing and Communication Technologies, CONECCT 2015	10.1109/CON ECCT.2015.7383943	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964796087&doi=10.1109%2fCONECCT.2015.7383943&partnerID=40&md5=370c18d8050b542074336accacdde6f3	Conference Paper
Das, M., Bhattacharyya, R., Chakrabarty, D.	Modification of PVC by blending	2016	Micro- and Nanostructured Polymer Systems: From Synthesis to Applications		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051690470&partnerID=40&md5=798dac418c07abfcd26009cb5a43b8d8	Book Chapter
Das, M.	Bamboo fiber-based polymer composites	2016	Composite Materials: Processing, Applications, Characterizations	10.1007/978-3-662-49514-8_18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018611173&doi=10.1007%2f978-3-662-49514-8_18&partnerID=40&md5=58832837e8841ce6907b74636b630b49	Book Chapter
Mandal, S., Saha, A.	Memristors act as synapses in neuromorphic architectures	2016	Proceedings of the International Conference on Communication and Electronics Systems, ICCES 2016	10.1109/CESYS.2016.7889862	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018443970&doi=10.1109%2fCESYS.2016.7889862&partnerID=40&md5=137447c3f196e46821f7fc71fdad231b	Conference Paper
Bag, S., Ganguly, K., Biswas, B.K.	Structural Characterization of Nanocrystalline Hydroxyapatite produced from Waste Egg Shell	2016	Trends in Biomaterials and Artificial Organs		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030662563&partnerID=40&md5=22ac108e2e1bf96ef1e73513176b5f37	Article

Pal, B., Chowdhury, R., Verma, K.G., Dasgupta, S., Dutta, S.	Proposed BRKSS architecture for performance enhancement of data warehouse employing shared nothing clustering	2016	International Journal of Control Theory and Applications		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008257516&partnerID=40&md5=fe2c79fbeca106bec52c0848a3b405c2	Article
Saha, S., Chaki, R., Chaki, N.	Hierarchical data aggregation based routing for wireless sensor networks	2016	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10.1007/978-3-319-45246-3_16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989352513&doi=10.1007%2f978-3-319-45246-3_16&partnerID=40&md5=d5e40bcc903097bf4c570caf4c0a5003	Article
Banerjee, A., Das, D.K.	A New Squarer design with reduced area and delay	2016	IET Computers and Digital Techniques	10.1049/iet-cdt.2015.0170	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988942611&doi=10.1049%2fiet-cdt.2015.0170&partnerID=40&md5=1715dd4c09e506431cc07f32b89cd42a	Article
Das, S., Chandra, S., Niyogi, A.G.	Vibro-acoustic Analysis Inside Cross Ply Laminated Composite Cavity	2016	Procedia Engineering	10.1016/j.proeng.2016.05.169	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84982955497&doi=10.1016%2fj.proeng.2016.05.169&partnerID=40&md5=0df9ec8842850a1fa9a2817b847d3ec5	Conference Paper

Koley, S., Sen, S., Saha, S., Chakrabarti, S.	Fe(100)-(borazine) \langle inf \rangle : N =1-4 \langle /inf \rangle - Fe(100): A multifunctional spin diode with spin valve action	2016	Physical Chemistry Chemical Physics	10.1039/c6cp 01438k	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84971220448&doi=10.1039%2fc6cp01438k&partnerID=40&md5=c728154c2b8794228e7234704fb1c0bb	Article
Chowdhury, R., Chatterjee, P., Datta, S., De, M.	Pseudo mesh schema based data warehouse architecture employing encryption request algorithm and intelligent sensor algorithm for secured transmission and performance enhancement	2016	Foundations and Frontiers in Computer, Communication and Electrical Engineering - Proceedings of the 3rd International Conference on Foundations and Frontiers in Computer, Communication and Electrical Engineering, C2E2 - 2016		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016213875&partnerID=40&md5=15988f22eb2ca5b4840c9c1251f28c10	Conference Paper
Chakraborty, S., Adhikari, A., Maitra, A.	Rainfall estimation from liquid water content and precipitable water content data over land, ocean and plateau	2016	Atmospheric Research	10.1016/j.atm osres.2015.08. 012	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941123920&doi=10.1016%2fj.atmosres.2015.08.012&partnerID=40&md5=908574a3350afadb8d5db50edc7db49a	Article

Karaa, W.B.A., Ashour, A.S., Sassi, D.B., Roy, P., Kausar, N., Dey, N.	Medline text mining: An enhancement genetic algorithm based approach for document clustering	2016	Intelligent Systems Reference Library	10.1007/978-3-319-21212-8_12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84937485090&doi=10.1007%2f978-3-319-21212-8_12&partnerID=40&md5=c0a14f9202db52823d7a2bb905297345	Article
Banerjee, A., Das, D.K.	The design of reversible signed multiplier using ancient Indian mathematics	2015	Journal of Low Power Electronics	10.1166/jolpe.2015.1413	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958172124&doi=10.1166%2fjolpe.2015.1413&partnerID=40&md5=50fe45b41035657c6eeefb9d4d2fe813	Article
Das, R.K., Das, M.	Catalytic activity of acid and base with different concentration on sol-gel kinetics of silica by ultrasonic method	2015	Ultrasonics Sonochemistry	10.1016/j.ultrsonch.2014.11.018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939976068&doi=10.1016%2fj.ultrsonch.2014.11.018&partnerID=40&md5=a048dc985f10b64074f94d96ef9eb7e5	Article
Banerjee, A., Das, D.K.	Squarer design with reduced area and delay	2015	19th International Symposium on VLSI Design and Test, VDAT 2015 - Proceedings	10.1109/ISVDT.2015.7208092	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961223779&doi=10.1109%2fISVDT.2015.7208092&partnerID=40&md5=0964c7996bb2ced59aab6c255fba97	Conference Paper

Iyer, V.R., Dey, N., Chakraborty, S.	Advent of information technology in the world of tourism	2015	Emerging Innovative Marketing Strategies in the Tourism Industry	10.4018/978-1-4666-8699-1.ch003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957621232&doi=10.4018%2f978-1-4666-8699-1.ch003&partnerID=40&md5=37ec265db811c537f4abe917fa31982b	Book Chapter
Banerjee, S., Nath, S.S., Dey, N., Eto, H.	Global medical tourism: A review	2015	New Business Opportunities in the Growing E-Tourism Industry	10.4018/978-1-4666-8577-2.ch007	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957635173&doi=10.4018%2f978-1-4666-8577-2.ch007&partnerID=40&md5=07ad059c6ad3bb5b12b8fdbd605c5ff6	Book Chapter
Chakraborty, S., Saha, U., Maitra, A.	Relationship of convective precipitation with atmospheric heat flux - A regression approach over an Indian tropical location	2015	Atmospheric Research	10.1016/j.atmosres.2015.04.008	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928323280&doi=10.1016%2fj.atmosres.2015.04.008&partnerID=40&md5=50a88029e20b24a2a4427f538597436b	Article
Roy, S.S., Bandyopadhyay, P.	Entropy-driven denaturation and bubble nucleation in DNA melting	2015	EPL	10.1209/0295-5075/109/48002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924891331&doi=10.1209%2f0295-5075%2f109%2f48002&partnerID=40&md5=68c1f508f2f74b65e5814b93669d82da	Article
Roy, S.S.	A simple theoretical approach to the fermi energy under size quantization with quantum mathematical modelling in nanostructured materials	2015	Springer Proceedings in Mathematics and Statistics	10.1007/978-81-322-2547-8_30	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951787877&doi=10.1007%2f978-81-322-2547-8_30&partnerID=40&md5=5b24cd096922434f2ce0fc70c6bb375b	Conference Paper

Ghosh, J.G., Paul, M.	A symmetric key cryptographic technique based on frame rotation of an even ordered square matrix	2015	Advances in Intelligent Systems and Computing	10.1007/978-81-322-2250-7_31	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922051392&doi=10.1007%2f978-81-322-2250-7_31&partnerID=40&md5=f50799d8873085444a4f0ce5a1fcae16	Conference Paper
Bose, R., Sahana, S., Sarddar, D.	An Enhanced storage management scheme with search optimization for cloud data center	2015	International Journal of Applied Engineering Research		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84937906607&partnerID=40&md5=2808e2db0ddea6feba9f698fda781a0e	Article
Giri, B.C., Bhattacharjee, R., Chakraborty, A.	A vendor-buyer integrated inventory system with vendor's capacity constraint	2015	International Journal of Logistics Systems and Management	10.1504/IJLSM.2015.069728	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930419290&doi=10.1504%2fIJLSM.2015.069728&partnerID=40&md5=e7aa84d4dde8f39e17c6eb7a4fc0cae1	Article
Sanki, D., Biswas, S., Sarkar, P.P.	Variable quantization table creation using genetic algorithm for JPEG compression and steganography	2015	International Journal of Imaging and Robotics		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929161837&partnerID=40&md5=41c521774a8be2503e055a6ad19b4360	Article
Sengupta, S., Sarkar, P.	A Virtual-Internetworking-Stack (VIS) approach to achieve a flexible, proprietary security model by augmentation of the transport layer under the collaborative framework of sine wave encryption technique and generation of color QR codes	2015	International Journal of Security and its Applications	10.14257/ijssia.2015.9.3.18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928390107&doi=10.14257%2fijssia.2015.9.3.18&partnerID=40&md5=6ca60e5b1e8d1b740983ff5dcf729b0a	Article

Deyasi, A., Bhattacharyya, S.	Material composition dependence on optimization of small-signal properties of Si _x Ge _{1-x} DDR IMPATT diode	2015	Lecture Notes in Electrical Engineering	10.1007/978-81-322-2274-3_34	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925358117&doi=10.1007%2f978-81-322-2274-3_34&partnerID=40&md5=9e664965f3b2fef14e367d13380e23cc	Conference Paper
Barui, S., Gharai, S., Roy, M., Neogi, B.	Discrete design approach along with performance analysis by controllability and observability testing for a standard prosthetic arm model	2015	Lecture Notes in Electrical Engineering	10.1007/978-81-322-2274-3_33	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925348688&doi=10.1007%2f978-81-322-2274-3_33&partnerID=40&md5=76ef7b4ee6d62c3d985a4acf48e2ab01	Conference Paper
Pal, B.B., Biswas, P.	Fuzzy goal programming approach for solving congestion management problem in electrical transmission network using genetic algorithm	2015	Advances in Intelligent Systems and Computing	10.1007/978-81-322-2250-7_70	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922041963&doi=10.1007%2f978-81-322-2250-7_70&partnerID=40&md5=c7aec2a634fc12ebe2b6a174412d74c7	Conference Paper
Mukherjee, A., Dey, G., Dey, M., Dey, N.	Web-based intelligent EEG signal authentication and tamper detection system for secure telemonitoring	2015	Intelligent Systems Reference Library	10.1007/978-3-319-10978-7_11	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921469864&doi=10.1007%2f978-3-319-10978-7_11&partnerID=40&md5=b5786f006f3ad2a94711d146af345c50	Article

Paul, M., Mandal, J.K.	A cryptography scheme through cascaded session based symmetric keys for ubiquitous computing	2015	Advances in Intelligent Systems and Computing	10.1007/978-3-319-13728-5_59	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915755936&doi=10.1007%2f978-3-319-13728-5_59&partnerID=40&md5=c61d06ea128a5595e3ef10a23c73a891	Conference Paper
DasGupta, S., Chaki, R.	Trust-based routing for vehicular ad hoc network	2015	Advances in Intelligent Systems and Computing	10.1007/978-81-322-1985-9_13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906871832&doi=10.1007%2f978-81-322-1985-9_13&partnerID=40&md5=3d868ce71b2b530beae331b1f00aa6c6	Conference Paper
Bhattacharjee, S., Das, Z., Neogi, B.	Design and simulation aspect towards modelling of automatic cardiovascular disorder diagnosis system	2015	International Journal of Biomedical Engineering and Technology	10.1504/IJBE T.2015.073422	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964899018&doi=10.1504%2fIJBE T.2015.073422&partnerID=40&md5=268b2e81f717ee4f4181cdf5066b5b2	Article
Bose, R., Sahana, S., Sarddar, D.	An adaptive cloud service observation using billboard manager cloud monitoring tool	2015	International Journal of Software Engineering and its Applications	10.14257/ijseia.2015.9.7.17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938700080&doi=10.14257%2fijseia.2015.9.7.17&partnerID=40&md5=228f4429fa2437131c787f172f40ad15	Article

Deyasi, A., Bhattacharyya, S., Das, N.R.	Calculating intersubband transition energy in T-shaped quantum wire using FD technique	2015	Proceedings of the 2015 3rd International Conference on Computer, Communication, Control and Information Technology, C3IT 2015	10.1109/C3IT.2015.7060118	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84936110344&doi=10.1109%2fC3IT.2015.7060118&partnerID=40&md5=d497925292333c4796eddc80530fe2fe	Conference Paper
Paul, M.	Modified PCT on variable cipher block chaining mode	2015	Advances in Intelligent Systems and Computing	10.1007/978-81-322-2247-7_47	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921961493&doi=10.1007%2f978-81-322-2247-7_47&partnerID=40&md5=7d61ac2ab4b0dafcddc9f5774682e7f8	Conference Paper
Dey, N., Dey, M., Mahata, S.K., Das, A., Chaudhuri, S.S.	Tamper detection of electrocardiographic signal using watermarked bio-hash code in wireless cardiology	2015	International Journal of Signal and Imaging Systems Engineering	10.1504/IJSISE.2015.067069	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921907962&doi=10.1504%2fIJSISE.2015.067069&partnerID=40&md5=bf64dde9ffd714f937c431de5de8d172	Article
Chowdhuri, S., Dey, N., Chakraborty, S., Baneerjee, P.K.	Analysis of performance of MIMO Ad hoc Network in terms of information efficiency	2015	Advances in Intelligent Systems and Computing	10.1007/978-3-319-13731-5_6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915818694&doi=10.1007%2f978-3-319-13731-5_6&partnerID=40&md5=0215c3420fcdf47e35c2d19efe455a39	Conference Paper

Nandy, S., Yang, X.- S., Sarkar, P.P., Das, A.	Color Image Segmentation By Cuckoo Search	2015	Intelligent Automation and Soft Computing	10.1080/10798587.2015.1025480	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938556026&doi=10.1080%2f10798587.2015.1025480&partnerID=40&md5=716677f65575f8e972d119b0671bf666	Article
Biswas, P., Azar, A.T., Vaidyanathan, S.	Genetic algorithm based multiobjective bilevel programming for optimal real and reactive power dispatch under uncertainty	2015	Studies in Computational Intelligence	10.1007/978-3-319-11017-2_8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84927126833&doi=10.1007%2f978-3-319-11017-2_8&partnerID=40&md5=7c14d7416cd8257ca5fd930228a85ecc	Article
Sen, S., Chakrabarti, S.	Graphitic Silicon Nitride: A Metal-Free Ferromagnet with Charge and Spin Current Rectification	2014	ChemPhysChem	10.1002/cphc.201402265	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957795471&doi=10.1002%2fcphc.201402265&partnerID=40&md5=a300e7680c08a9af413ad674dca6b510	Article
Dey, M., Dey, N., Mahata, S.K., Chakraborty, S., Acharjee, S., Das, A.	Electrocardiogram feature based inter-human biometric authentication system	2014	Proceedings - International Conference on Electronic Systems, Signal Processing, and Computing Technologies, ICESC 2014	10.1109/ICESC.2014.57	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896790256&doi=10.1109%2fICESC.2014.57&partnerID=40&md5=2495f0187044ce7967e3d111b806378c	Conference Paper

Chakraborty, S., Maji, P., Pal, A.K., Biswas, D., Dey, N.	Reversible color image watermarking using trigonometric functions	2014	Proceedings - International Conference on Electronic Systems, Signal Processing, and Computing Technologies, ICESC 2014	10.1109/ICESC.2014.23	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896771447&doi=10.1109%2fICESC.2014.23&partnerID=40&md5=6df03a14b92ecacef05b336b962508b4	Conference Paper
Chowdhuri, S., Das, S.K., Roy, P., Chakraborty, S., Maji, M., Dey, N.	Implementation of a new packet broadcasting algorithm for MIMO equipped Mobile ad-hoc network	2014	Proceedings of International Conference on Circuits, Communication, Control and Computing, I4C 2014	10.1109/CIMCA.2014.7057826	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988305274&doi=10.1109%2fCIMCA.2014.7057826&partnerID=40&md5=223f5e08fbadc151a71d1775aa22d726	Conference Paper
Bose, S., Chowdhury, S.R., Sen, C., Chakraborty, S., Redha, T., Dey, N.	Multi-thread video watermarking: A biomedical application	2014	Proceedings of International Conference on Circuits, Communication, Control and Computing, I4C 2014	10.1109/CIMCA.2014.7057798	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988302548&doi=10.1109%2fCIMCA.2014.7057798&partnerID=40&md5=51e0e34c488eae6f7a0fb274b57431a9	Conference Paper

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Chattopadhyaya, M., Sen, S., Alam, M.M., Chakraborti, S.	On site coulomb repulsion dominates over the non-local Hartree-Fock exchange in determining the band gap of polymers	2014	Journal of Physics and Chemistry of Solids	10.1016/j.jpcs.2013.09.018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888388389&doi=10.1016%2fj.jpcs.2013.09.018&partnerID=40&md5=c704cd5273a8864942407159289e799a	Article
Saha, P., Banerjee, A., Bhattacharyya, P., Dandapat, A.	Improved matrix multiplier design for high-speed digital signal processing applications	2014	IET Circuits, Devices and Systems	10.1049/iet-cds.2013.0117	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892656284&doi=10.1049%2fiet-cds.2013.0117&partnerID=40&md5=59f177af6f7005d105d719641c1a5c14	Article
Chowdhury, R., Datta, S., Dey, S.K., Shaw, S.	Design and implementation of Proposed Drawer Model Based Data Warehouse Architecture incorporating DNA Translation cryptographic algorithm for security enhancement	2014	Proceedings of 2014 International Conference on Contemporary Computing and Informatics, IC3I 2014	10.1109/IC3I.2014.7019812	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949922435&doi=10.1109%2fIC3I.2014.7019812&partnerID=40&md5=a085355c8224dddaefbfbf4581cf6f14	Conference Paper

Chakraborty, S., Chakraborty, D., Dey, B., Banerjee, S., Singh, S.	Evaluation of the effective usage of web site using interactions of users for refinement	2014	Proceedings - 2014 4th International Conference on Communication Systems and Network Technologies, CSNT 2014	10.1109/CSNT.2014.102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902578805&doi=10.1109%2fCSNT.2014.102&partnerID=40&md5=8619115f869ed00d0adf5b79c7ef6496	Conference Paper
Roy, S., Gupta, S.	The green cloud effective framework: An environment friendly approach reducing CO ₂ level	2014	Proceedings of 2014 1st International Conference on Non Conventional Energy: Search for Clean and Safe Energy, ICONCE 2014	10.1109/ICONCE.2014.6808718	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901360107&doi=10.1109%2fICONCE.2014.6808718&partnerID=40&md5=45a3db29602a3134891314fe70ec21c2	Conference Paper
Debnath, C., Dey, B.	Defense mechanisms for grid disturbance in India due to power swing in the interconnected grids	2014	Proceedings of 2014 1st International Conference on Non Conventional Energy: Search for Clean and Safe Energy, ICONCE 2014	10.1109/ICONCE.2014.6808730	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901344231&doi=10.1109%2fICONCE.2014.6808730&partnerID=40&md5=7c1b57945f4c93dca1b0cc2478c3b21b	Conference Paper

Biswas, S., Chatterjee, R., Pramanik, R.	Optimization of electrical power networks with wind generator integration	2014	Proceedings of 2014 1st International Conference on Non Conventional Energy: Search for Clean and Safe Energy, ICONCE 2014	10.1109/ICONCE.2014.6808710	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901343868&doi=10.1109%2fICONCE.2014.6808710&partnerID=40&md5=fa8d2b3cd4e01453d8cb8af200e340b9	Conference Paper
Das, S., Dey, A., Biswas, A., Mohanty, A.	A novel design of super-capacitor used to enhance solar-energy restoration of photo-voltaic cells	2014	Proceedings of 2014 1st International Conference on Non Conventional Energy: Search for Clean and Safe Energy, ICONCE 2014	10.1109/ICONCE.2014.6808683	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901342647&doi=10.1109%2fICONCE.2014.6808683&partnerID=40&md5=35d43d4eecfbec7b8a7ab646a0efce7a	Conference Paper
Ray, P., Mitra, S.K.	Editorial message	2014	Proceedings of 2014 1st International Conference on Non Conventional Energy: Search for Clean and Safe Energy, ICONCE 2014	10.1109/ICONCE.2014.6808674	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901338147&doi=10.1109%2fICONCE.2014.6808674&partnerID=40&md5=e9acd2f32399f6ec7bc3bbae14c90978	Editorial

Saha, S., Biswas, S., Pal, S.	Survey analysis, scope and application of biomass energy in India	2014	Proceedings of 2014 1st International Conference on Non Conventional Energy: Search for Clean and Safe Energy, ICONCE 2014	10.1109/ICONCE.2014.6808698	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901324315&doi=10.1109%2fICONCE.2014.6808698&partnerID=40&md5=b0476661b169c62f2919ed363cf6ba6a	Conference Paper
Das, P.	Solar energy utilization for geographical exploration	2014	Proceedings of 2014 1st International Conference on Non Conventional Energy: Search for Clean and Safe Energy, ICONCE 2014	10.1109/ICONCE.2014.6808685	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901311722&doi=10.1109%2fICONCE.2014.6808685&partnerID=40&md5=0d5c2a94c34871ceca3cca2af22e65dc	Conference Paper
Bhattacharjee, R.	Switched reluctance motor applications to EV and HEV: Torque control issues	2014	Proceedings of 2014 1st International Conference on Non Conventional Energy: Search for Clean and Safe Energy, ICONCE 2014	10.1109/ICONCE.2014.6808735	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901303109&doi=10.1109%2fICONCE.2014.6808735&partnerID=40&md5=390c4d5bb71312c9b7f9b783e6005212	Conference Paper

Manna, N.	Study on piezoelectric elements for energy harvesting	2014	Proceedings of 2014 1st International Conference on Non Conventional Energy: Search for Clean and Safe Energy, ICONCE 2014	10.1109/ICONCE.2014.6808737	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901293078&doi=10.1109%2fICONCE.2014.6808737&partnerID=40&md5=fe70cf713c0143b340ff6a7c58d34bd4	Conference Paper
Dasgupta, H., Chakrabarti, S.	Touching sets and its applications	2014	International Journal of Mathematical Analysis	10.12988/ijma.2014.48262	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921725897&doi=10.12988%2fijma.2014.48262&partnerID=40&md5=8fd4f20aa89b298c4b26f820790428fb	Article
Acharjee, S., Ray, R., Chakraborty, S., Nath, S., Dey, N.	Watermarking in motion vector for security enhancement of medical videos	2014	2014 International Conference on Control, Instrumentation, Communication and Computational Technologies, ICCICCT 2014	10.1109/ICCICCT.2014.6993019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921688627&doi=10.1109%2fICCICCT.2014.6993019&partnerID=40&md5=36d6bbb3207a1afde5847df073cf5d18	Conference Paper

Chowdhury, S.R., Ray, R., Dey, N., Chakraborty, S., Ben Abdessalem Karaa, W., Nath, S.	Effect of demons registration on biomedical content watermarking	2014	2014 International Conference on Control, Instrumentation, Communication and Computational Technologies, ICCICCT 2014	10.1109/ICCICCT.2014.69 93015	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921686788&doi=10.1109%2fICCICCT.2014.6993015&partnerID=40&md5=87a8a9faa57fd4c81f5fe07e6b3b7e	Conference Paper
Roy, P., Dutta, S., Dey, N., Dey, G., Chakraborty, S., Ray, R.	Adaptive thresholding: A comparative study	2014	2014 International Conference on Control, Instrumentation, Communication and Computational Technologies, ICCICCT 2014	10.1109/ICCICCT.2014.69 93140	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921666436&doi=10.1109%2fICCICCT.2014.6993140&partnerID=40&md5=a7b1583668f52b03911557c6e1353d9e	Conference Paper
Bose, S., Madhulika, , Acharjee, S., Chowdhury, S.R., Chakraborty, S., Dey, N.	Effect of watermarking in vector quantization based image compression	2014	2014 International Conference on Control, Instrumentation, Communication and Computational Technologies, ICCICCT 2014	10.1109/ICCICCT.2014.69 93014	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921666176&doi=10.1109%2fICCICCT.2014.6993014&partnerID=40&md5=612833a1685689ab3e1d16bfc2088306	Conference Paper

Chakraborty, S., Dey, N., Nath, S., Roy, S., Acharjee, S.	Effects of rigid, affine, b-splines and demons registration on video content: A review	2014	2014 International Conference on Control, Instrumentation, Communication and Computational Technologies, ICCICCT 2014	10.1109/ICCICCT.2014.6993013	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921665293&doi=10.1109%2fICCICCT.2014.6993013&partnerID=40&md5=fbcff7b6144b1251255fd340d58b1d26	Conference Paper
Das, D., Maji, P., Dey, G., Dey, N.	Ethical E-health: A possibility of the future or a distant dream?	2014	International Journal of E-Health and Medical Communications	10.4018/ijehmc.2014070102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919774656&doi=10.4018%2fijehmc.2014070102&partnerID=40&md5=8a62ed663a531c582095fd5ea87c2cd0	Article
Sengupta, S., Sarkar, P.P.	A novel approach towards detection of spoofed manufacturer identity under the collaborative frameworks of mobile computing and product specific QR codes	2014	International Journal of Security and its Applications	10.14257/ijisia.2014.8.6.22	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918769108&doi=10.14257%2fijisia.2014.8.6.22&partnerID=40&md5=0ed4872d76c4369c94b0f9234d02be17	Article
Biswas, S., Chatterjee, A., Goswami, S.K.	An artificial bee colony based optimal placement and sizing of distributed generation	2014	International Conference on Control, Instrumentation, Energy and Communication, CIEC 2014	10.1109/CIEC.2014.6959109	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84914689927&doi=10.1109%2fCIEC.2014.6959109&partnerID=40&md5=b5870467e64f80df24f3a327d73fd915	Conference Paper

Sengupta, S., Sarkar, D.C., Biswas, S., Sarkar, P.	A Novel approach to identify a fraud website using android smartphone under the collaborative frameworks of QR codes and GPS and motion parameters of the user	2014	International Journal of Security and its Applications	10.14257/ijisia.2014.8.5.16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907816589&doi=10.14257%2fijisia.2014.8.5.16&partnerID=40&md5=3a9a563de892ddee2a41c9c7ed735393	Article
Bag, S., Pal, S.	Design and fabrication of polymer-ceramic composite hip prosthesis	2014	International Journal of Pharma and Bio Sciences		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904914801&partnerID=40&md5=90a391f8588ddc0418914d40569c3262	Article
Biswas, A., Majumder, D.	Genetic algorithm based hybrid fuzzy system for assessing morningness	2014	Advances in Fuzzy Systems	10.1155/2014/732831	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904176855&doi=10.1155%2f2014%2f732831&partnerID=40&md5=7bbc52c22769088d5c838c454f435a00	Article
Bhattacharjee, S., Biswas, A.	Analog circuit performance of high mobility ultrathin-body InAsSb-on-insulator MOSFETs	2014	IEEE TechSym 2014 - 2014 IEEE Students' Technology Symposium	10.1109/TechSym.2014.6808084	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901766815&doi=10.1109%2fTechSym.2014.6808084&partnerID=40&md5=af979e6f2b10290cabe16cd1aad33dc9	Conference Paper
Naskar, R., Das, P., Mandal, R.	A unique model of Characterization & performance estimation of various solar photovoltaic cells/modules using microcontroller	2014	Proceedings of 2014 1st International Conference on Non Conventional Energy: Search for Clean and Safe Energy, ICONCE 2014	10.1109/ICONCE.2014.6808691	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901356528&doi=10.1109%2fICONCE.2014.6808691&partnerID=40&md5=e64f6f7e7a2215a79bf2abd5a75ab4fc	Conference Paper

Chowdhury, R., Neogi, B., Das, Z., Chatterjee, P., Ghosh, S.	Advancement and up gradation aspects en route for enhancement of rubber plant industry performance by introducing scholastic support through the proposed CDGN Model	2014	Proceedings of 2014 1st International Conference on Non Conventional Energy: Search for Clean and Safe Energy, ICONCE 2014	10.1109/ICONCE.2014.6808736	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901330251&doi=10.1109%2fICONCE.2014.6808736&partnerID=40&md5=eefd71d7aa335e69bc0bdb1e1171efda	Conference Paper
Biswas, S., Goswami, S.K., Chatterjee, A.	Optimal distributed generation placement in shunt capacitor compensated distribution systems considering voltage sag and harmonics distortions	2014	IET Generation, Transmission and Distribution	10.1049/iet-gtd.2013.0423	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899799866&doi=10.1049%2fiet-gtd.2013.0423&partnerID=40&md5=c4a33ee6a0578430736a818dc40ec226	Article
Choudhury, D., Lohar, G.	Twin image elimination in digital holography by combination of Fourier transformations	2014	Journal of Optics (India)	10.1007/s12596-013-0149-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897374825&doi=10.1007%2fs12596-013-0149-6&partnerID=40&md5=89fa496b09e5e3fcd8dee919c755ba50	Article
Chakraborty, S., Chaki, N.	Generic organization of semi-structured data	2014	Computer Systems Science and Engineering		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896343243&partnerID=40&md5=c3bb18a10846eea7d1ddd5d334b2cfd1	Article
Biswas, P., Pal, B.B.	A Trilevel Programming Approach to Solve Reactive Power Dispatch Problem Using Genetic Algorithm Based Fuzzy Goal Programming	2014	Advances in Intelligent Systems and Computing	10.1007/978-3-319-03107-1_24	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888395983&doi=10.1007%2f978-3-319-03107-1_24&partnerID=40&md5=a6dd8b96314bb637e1ceaf255364043	Conference Paper

Sen, S., Chakrabarti, S.	In silico design of a tunable molecular spin filter using chromium-carbon-chromium chains	2014	Chemical Physics	10.1016/j.chemphys.2013.10.022	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888152668&doi=10.1016%2fj.chemphys.2013.10.022&partnerID=40&md5=40bc0b9ab8dfd776c9db9660ada24aac	Article
Nath, S.S., Mishra, G., Kar, J., Chakraborty, S., Dey, N.	A survey of image classification methods and techniques	2014	2014 International Conference on Control, Instrumentation, Communication and Computational Technologies, ICCICCT 2014	10.1109/ICCICCT.2014.6993023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921663384&doi=10.1109%2fICCICCT.2014.6993023&partnerID=40&md5=790ba6792f7afc12cc4706530bf7a456	Conference Paper
Nandi, S., Roy, S., Nath, S., Chakraborty, S., Ben Abdesslem Karaa, W., Dey, N.	1-D group cellular automata based image encryption technique	2014	2014 International Conference on Control, Instrumentation, Communication and Computational Technologies, ICCICCT 2014	10.1109/ICCICCT.2014.6993017	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921645218&doi=10.1109%2fICCICCT.2014.6993017&partnerID=40&md5=200a437be0729046d7a2087e303b9e3e	Conference Paper
Bhattacharjee, S., Das, Z., Das, A.K., Roy, S., Neogi, B.	An approach towards error less ECG signal equation based on computational simulation aspect with modeling of cardiovascular disorder diagnosis	2014	International Conference on Control, Instrumentation, Energy and Communication, CIEC 2014	10.1109/CIEC.2014.6959074	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84914673971&doi=10.1109%2fCIEC.2014.6959074&partnerID=40&md5=787be83dca571d89d9717f7c917e1633	Conference Paper

Saha, P., Banerjee, A., Dandapat, A., Bhattachar yya, P.	High speed multiplier using high accuracy floating point logarithmic number system	2014	Scientia Iranica		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906253642&partnerID=40&md5=27eb5ae837a4aa09ade3b6112281f2ac	Article
Biswas, A., Bhattachar jee, S.	Temperature dependent model for threshold voltage and subthreshold slope of strained-Si channel MOSFETs with a polysilicon gate	2014	Microelectronics Reliability	10.1016/j.mic rorel.2014.03. 009	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905915751&doi=10.1016%2fj.mic
rorel.2014.03.009&partnerID=40
&md5=493d878099fe6e2036cfa8d
b13999065">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905915751&doi=10.1016%2fj.mic rorel.2014.03.009&partnerID=40 &md5=493d878099fe6e2036cfa8d b13999065	Article
Nath, I., Chatterjee , M., Bhattachar ya, U.	A survey on regenerator placement problem in translucent optical network	2014	2014 International Conference on Circuits, Systems, Communication and Information Technology Applications, CSCITA 2014	10.1109/CSCI TA.2014.6839 295	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904204566&doi=10.1109%2fCS
CITA.2014.6839295&partnerID=4
0&md5=2583ad4184c62b73c0438
46547e79e55">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904204566&doi=10.1109%2fCS CITA.2014.6839295&partnerID=4 0&md5=2583ad4184c62b73c0438 46547e79e55	Conference Paper
Chakrabar ty, S., Pal, A.K., Dey, N., Das, D., Acharjee, S.	Foliage area computation using monarch butterfly algorithm	2014	Proceedings of 2014 1st International Conference on Non Conventional Energy: Search for Clean and Safe Energy, ICONCE 2014	10.1109/ICO NCE.2014.68 08740	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901320703&doi=10.1109%2fIC
ONCE.2014.6808740&partnerID=
40&md5=74f6d8f8be676fb5ad729f7
aef3b6f8ae">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901320703&doi=10.1109%2fIC ONCE.2014.6808740&partnerID= 40&md5=74f6d8f8be676fb5ad729f7 aef3b6f8ae	Conference Paper

Samanta, S., Ahmed, S.S., Salem, M.A.- M.M., Nath, S.S., Dey, N., Chowdhury, S.S.	Haralick features based automated glaucoma classification using back propagation neural network	2014	Advances in Intelligent Systems and Computing	10.1007/978-3-319-11933-5_38	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910679510&doi=10.1007%2f978-3-319-11933-5_38&partnerID=40&md5=d56ded7aebc20508ae84e8e228be1a39	Conference Paper
Biswas, A., Adan, A., Haldar, P., Majumder, D., Natale, V., Randler, C., Tonetti, L., Sahu, S.	Exploration of transcultural properties of the reduced version of the Morningness-Eveningness Questionnaire (rMEQ) using adaptive neuro-fuzzy inference system	2014	Biological Rhythm Research	10.1080/09291016.2014.939442	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907590626&doi=10.1080%2f09291016.2014.939442&partnerID=40&md5=b3fb21c0f22351512dbc509714eac564	Article

Dey, N., Samanta, S., Chakraborty, S., Das, A., Chaudhuri, S.S., Suri, J.S.	Firefly algorithm for optimization of scaling factors during embedding of manifold medical information: An application in ophthalmology imaging	2014	Journal of Medical Imaging and Health Informatics	10.1166/jmihi.2014.1265	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84911360773&doi=10.1166%2fjmihi.2014.1265&partnerID=40&md5=c75be7121bc0ecde1f5af9dfc8429bb7	Article
Rakshit, P., Bhowmik, K.	Detection of presence of parasites in human RBC in case of diagnosing malaria using image processing	2013	2013 IEEE 2nd International Conference on Image Information Processing, IEEE ICIP 2013	10.1109/ICIP.2013.6707610	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893741873&doi=10.1109%2fICIP.2013.6707610&partnerID=40&md5=3cc6de6975ca77e5fbdf95cce44b8d2	Conference Paper
Mondal, R., Pal, S.	Microcontroller based temperature monitoring and closed loop control to study the reaction of controlled variable with respect to load changes	2013	Sensors and Transducers		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894462479&partnerID=40&md5=17611810ef7adfd4ce7acd265546b4cc	Article
Das, S., Chakraborty, S., Maitra, A.	Radiometric measurements of cloud attenuation at a tropical location in India	2013	Journal of Atmospheric and Solar-Terrestrial Physics	10.1016/j.jastp.2013.09.003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885211158&doi=10.1016%2fj.jastp.2013.09.003&partnerID=40&md5=975758882415a49693db2b9f910db8a7	Article
Roy, S.S., Bandyopadhyay, P.	Torsion and entropy driven denaturation of DNA	2013	Physics Letters, Section A: General, Atomic and Solid State Physics	10.1016/j.physleta.2013.08.047	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885023043&doi=10.1016%2fj.physleta.2013.08.047&partnerID=40&md5=2caa86fc1d36acd2ddb450c66e30658d	Article

Chatterjee, S., Chowdhury, S.K., Sarkar, P.P., Sarkar, D.C.	Compact microstrip patch antenna for microwave communication	2013	Indian Journal of Pure and Applied Physics		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84887847048&partnerID=40&md5=b7ac3938e43fc170b67fcabf19c99a55	Article
Pal, S., Ray, S.P., Dasgupta, D., Chongdar, L.	Performance Analysis of a Three Level Twelve-pulse VSC based STATCOM under Fault Condition	2013	Indian Journal of Science and Technology		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885824807&partnerID=40&md5=0e1d3c463d4736c887434837a4b114e2	Article
Ray, P., Maitra, A.K., Basuray, A.	Extract Partial Discharge signal using wavelet for on-line measurement	2013	International Conference on Communication and Signal Processing, ICCSP 2013 - Proceedings	10.1109/iccsp.2013.6577184	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883439193&doi=10.1109%2ficcsp.2013.6577184&partnerID=40&md5=e9869fad37622963d4ee577934fff879	Conference Paper
Choudhury, D., John Caulfield, H.	Artificial color perception using microwaves	2013	Journal of Optics (India)	10.1007/s12596-013-0129-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883448579&doi=10.1007%2fs12596-013-0129-x&partnerID=40&md5=929020893da9c8f2c7f57c76c7eb4cfb	Article
Ray, P., Basuray, A., Maitra, A.K.	Optimum wavelet bases selection for wavelet based de-noising in partial discharge measurement	2013	2013 IEEE Conference on Information and Communication Technologies, ICT 2013	10.1109/CICT.2013.6558265	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881630080&doi=10.1109%2fCICT.2013.6558265&partnerID=40&md5=dbdf9d7f74898bd4258995a80dec1f88	Conference Paper

Bag, S., Pal, S., Biswas, B.K., Chakraborty, S.N.	Tissue attachment on hydroxyapatite coated polymer-ceramic composite implant	2013	International Journal of Pharma and Bio Sciences		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881390041&partnerID=40&md5=c633780e9bb58fc720334d35e8017fd7	Article
Sengupta, S.	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	2013	Computer Networks	10.1016/j.comnet.2013.04.003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879415197&doi=10.1016%2fj.comnet.2013.04.003&partnerID=40&md5=2b8c05cfa15d06568189c8883223e436	Article
Roy, S.S.	The simple theoretical analysis of quantum well wires superlattice (QWSL) of communication technology	2013	Proceedings of SPIE - The International Society for Optical Engineering	10.1117/12.2019051	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880779676&doi=10.1117%2f12.2019051&partnerID=40&md5=ed64a771de0641c11d135b0e42c89578	Conference Paper
Acharjee, S., Biswas, D., Dey, N., Maji, P., Chaudhuri, S.S.	An efficient motion estimation algorithm using division mechanism of low and high motion zone	2013	Proceedings - 2013 IEEE International Multi Conference on Automation, Computing, Control, Communication and Compressed Sensing, iMac4s 2013	10.1109/iMac4s.2013.6526402	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880121992&doi=10.1109%2fiMac4s.2013.6526402&partnerID=40&md5=fce7f2a4383422ce401625661ba1d74f	Conference Paper

Das, A., Datta, B., Chatterjee, S., Mukherjee, M., Chowdhury, S.K.	Dual-band slotted microstrip patch antenna design for application in microwave communication	2013	2013 International Conference on Information Communication and Embedded Systems, ICICES 2013	10.1109/ICICES.2013.6508247	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879847635&doi=10.1109%2fICICES.2013.6508247&partnerID=40&md5=9649fbdd3b5ba53d5f5039046dcd961c	Conference Paper
Datta, B., Das, A., Kundu, A., Chatterjee, S., Mukherjee, M., Chowdhury, S.K.	Twice-band irregular rectangular cut-in microstrip patch antenna for microwave communication	2013	2013 International Conference on Information Communication and Embedded Systems, ICICES 2013	10.1109/ICICES.2013.6508388	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879870291&doi=10.1109%2fICICES.2013.6508388&partnerID=40&md5=fc9751653ebfc494ad33790dc67d35c9	Conference Paper
Dey, N., Nandi, B., Dey, M., Biswas, D., Das, A., Chaudhuri, S.S.	BioHash code generation from electrocardiogram features	2013	Proceedings of the 2013 3rd IEEE International Advanced Computing Conference, IACC 2013	10.1109/IADCC.2013.6514317	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879861318&doi=10.1109%2fIADCC.2013.6514317&partnerID=40&md5=d1f7a671f66f02fe6cf676821caaf43e	Conference Paper

Datta, B., Das, A., Kundu, A., Mukherjee, M., Chowdhury, S.K.	Triple band slotted patch antenna for microwave communication	2013	Proceedings of the 2013 3rd IEEE International Advance Computing Conference, IACC 2013	10.1109/IAdCC.2013.6514221	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879854160&doi=10.1109%2fIAdCC.2013.6514221&partnerID=40&md5=e379fcd31aa34a55d5bae0b55a2bce94	Conference Paper
Dey, N., Maji, P., Das, P., Biswas, S., Das, A., Chaudhuri, S.S.	An edge based blind watermarking technique of medical images without devalorizing diagnostic parameters	2013	2013 International Conference on Advances in Technology and Engineering, ICATE 2013	10.1109/ICAdTE.2013.6524732	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879665947&doi=10.1109%2fICAdTE.2013.6524732&partnerID=40&md5=e5402e6bc5557d6495e1d4f6d190d93f	Conference Paper
Mandala, S., Majee, N.C., Roy, A.B.	Global exponential stability of periodic solution to cohen-grossberg type neural network with both ordinary and neutral type discrete time varying delays: An LMI approach	2013	Applied Mathematical Sciences		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878635485&partnerID=40&md5=ab2b7ade6af5f8dd261dd9876cfaca29	Article
Roy, B., Sarkar, P.P., Chowdhury, S.	Wideband rectangular wearable jeans antenna	2013	Microwave and Optical Technology Letters	10.1002/mop.27548	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875747257&doi=10.1002%2fmop.27548&partnerID=40&md5=751f734aa2ed080e073fca4cc27be775	Article
Das, S., Sarkar, P.P., Chowdhury, S.K.	Investigations on miniaturized multifrequency microstrip patch antennas for wireless communication applications	2013	Journal of Electromagnetic Waves and Applications	10.1080/09205071.2013.802656	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879070802&doi=10.1080%2f09205071.2013.802656&partnerID=40&md5=e4a70d972ae50e6a3e8ce0e61ce5206c	Article

Ray, P., Maitra, A.K., Basuray, A.	A new threshold function for de-noising partial discharge signal based on wavelet transform	2013	International Conference on Signal Processing, Image Processing and Pattern Recognition 2013, ICSIPR 2013	10.1109/ICSI PR.2013.6497985	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876749533&doi=10.1109%2fICSI PR.2013.6497985&partnerID=40&md5=580cab48af7caf5591d6794b39b55ede	Conference Paper
Chatterjee , S., Ghosh, K., Paul, J., Chowdhury, S.K., Chanda, D., Sarkar, P.P.	Compact microstrip antenna for mobile communication	2013	Microwave and Optical Technology Letters	10.1002/mop.27517	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875414181&doi=10.1002%2fmop.27517&partnerID=40&md5=ab80a0f1492bbeed2dad1b82cb6a455b	Article
Som, S., Banerjee, M.	Cryptographic technique by square matrix and single point crossover on binary field	2013	2013 1st International Conference on Communications, Signal Processing and Their Applications, ICCSPA 2013	10.1109/ICCS PA.2013.6487257	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876055224&doi=10.1109%2fICCS PA.2013.6487257&partnerID=40&md5=871dee76330e4ccda07a7cf65ced0ce5	Conference Paper
Mandal, S., Chatterjee , S., Neogi, B.	Diagnosis and troubleshooting of computer faults based on expert system and artificial intelligence	2013	International Journal of Pure and Applied Mathematics	10.12732/ijpam.v83i5.15	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875391865&doi=10.12732%2fijpam.v83i5.15&partnerID=40&md5=88957b955d768dccf0a6eac4dd5c8f2f	Article

Chakraborty, U., Chowdhury, S.K., Bhattacharjee, A.K.	Frequency tuning and miniaturization of square microstrip antenna embedded with "t"-shaped defected ground structure	2013	Microwave and Optical Technology Letters	10.1002/mop.27417	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874440141&doi=10.1002%2fmop.27417&partnerID=40&md5=1f7b206b845624683a2f0951e9d90c2c	Article
Chakraborty, S., Maitra, A.	Interrelation between microphysical and optical properties of cloud and rainfall in the Indian region	2013	Indian Journal of Radio and Space Physics		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876977957&partnerID=40&md5=f6fb5d2223983e369f3146f7539a934c	Article
Biswas, S., Chatterjee, A., Goswami, S.K.	An artificial bee colony-least square algorithm for solving harmonic estimation problems	2013	Applied Soft Computing Journal	10.1016/j.asoc.2012.12.006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875172810&doi=10.1016%2fj.asoc.2012.12.006&partnerID=40&md5=017215638a1618d9a4fba03c8cdfb989	Article
Rakshit, P., Bhowmik, K.	Detection of abnormal findings in human RBC in diagnosing G-6-P-D deficiency Haemolytic Anaemia using image processing	2013	2013 IEEE 1st International Conference on Condition Assessment Techniques in Electrical Systems, IEEE CATCON 2013 Proceedings	10.1109/CATCON.2013.6737516	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896777812&doi=10.1109%2fCATCON.2013.6737516&partnerID=40&md5=9f794a3a1564dd70453228c60ae28f71	Conference Paper

Bose, S., Mukherjee, A., Madhulika, Chakraborty, S., Samanta, S., Dey, N.	Parallel image segmentation using multi-threading and k-means algorithm	2013	2013 IEEE International Conference on Computational Intelligence and Computing Research, IEEE ICCIC 2013	10.1109/ICCIC.2013.6724171	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894266118&doi=10.1109%2fICCIC.2013.6724171&partnerID=40&md5=d190e78a36bb74adf7223359d8840641	Conference Paper
Ray, P., Maitra, A.K., Basuray, A.	On-line partial discharge monitoring using MATLAB interface with DSO	2013	2013 IEEE 1st International Conference on Condition Assessment Techniques in Electrical Systems, IEEE CATCON 2013 Proceedings	10.1109/CATCON.2013.6737532	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896785545&doi=10.1109%2fCATCON.2013.6737532&partnerID=40&md5=1e6764b576b1c1464f7246fbc3e2d75c	Conference Paper
Chakraborty, S., Samanta, S., Biswas, D., Dey, N., Chaudhuri, S.S.	Particle Swarm Optimization based parameter optimization technique in medical information hiding	2013	2013 IEEE International Conference on Computational Intelligence and Computing Research, IEEE ICCIC 2013	10.1109/ICCIC.2013.6724173	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894278706&doi=10.1109%2fICCIC.2013.6724173&partnerID=40&md5=c48905af73b27a2479dc94cb101a1294	Conference Paper

Samanta, S., Chakraborty, S., Acharjee, S., Mukherjee, A., Dey, N.	Solving 0/1 knapsack problem using ant weight lifting algorithm	2013	2013 IEEE International Conference on Computational Intelligence and Computing Research, IEEE ICCIC 2013	10.1109/ICCI C.2013.6724162	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894240616&doi=10.1109%2fICCI C.2013.6724162&partnerID=40&md5=79a28bc5965416a559c6e9ee335d5ebc	Conference Paper
Dasgupta, S., Chaki, R., Choudhury, S.	TruVAL: Trusted vehicle authentication logic for VANET	2013	Communications in Computer and Information Science	10.1007/978-3-642-36321-4-29	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872399554&doi=10.1007%2f978-3-642-36321-4-29&partnerID=40&md5=7c72846519ee957a170569879449acf2	Conference Paper
Pal, A.K., Dey, N., Samanta, S., Das, A., Chaudhuri, S.S.	A hybrid reversible watermarking technique for color biomedical images	2013	2013 IEEE International Conference on Computational Intelligence and Computing Research, IEEE ICCIC 2013	10.1109/ICCI C.2013.6724177	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894283443&doi=10.1109%2fICCI C.2013.6724177&partnerID=40&md5=071a0301d8bb1d084dfd761d16a151af	Conference Paper
Samanta, S., Acharjee, S., Mukherjee, A., Das, D., Dey, N.	Ant Weight Lifting algorithm for image segmentation	2013	2013 IEEE International Conference on Computational Intelligence and Computing Research, IEEE ICCIC 2013	10.1109/ICCI C.2013.6724160	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894282976&doi=10.1109%2fICCI C.2013.6724160&partnerID=40&md5=c91fe028a09595b7c21a61157b5a2c4a	Conference Paper

Chattopadhyaya, M., Alam, M.M., Sen, S., Chakrabarti, S.	Electrostatic spin crossover and concomitant electrically operated spin switch action in a ti-based endohedral metallofullerene polymer	2012	Physical Review Letters	10.1103/PhysRevLett.109.257204	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871261889&doi=10.1103%2fPhysRevLett.109.257204&partnerID=40&md5=8db9e38510c642b718f77e7620362cba	Article
Bhattacharya, T., Hore, S., Dey, N., Chaudhuri, S.R.B.	Stationary wavelet transform based audio authentication technique	2012	ACM International Conference Proceeding Series	10.1145/2393216.2393312	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870713347&doi=10.1145%2f2393216.2393312&partnerID=40&md5=7e6f8e3e603790c87cb255314fc31dd5	Conference Paper
Dey, N., Das, P., Das, A., Chaudhuri, S.S.	Feature analysis for the blind-watermarked electroencephalogram signal in wireless telemonitoring using alattar's method	2012	Proceedings of the 5th International Conference on Security of Information and Networks, SIN'12	10.1145/2388576.2388588	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870316391&doi=10.1145%2f2388576.2388588&partnerID=40&md5=6caa437cf817a87f42ba4bbdf48a9d8d	Conference Paper
Roy, S.S.	Determination of the density-of-states function in highly degenerate semiconductors in the existence of electric field strength	2012	Proceedings of SPIE - The International Society for Optical Engineering	10.1117/12.970544	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885201415&doi=10.1117%2f12.970544&partnerID=40&md5=50978a453edb81106ac8806ce0782a9f	Conference Paper
Roy, S.S.	A simple theoretical analysis of quantum transport of 3-dimension photoelectric effect	2012	2012 International Conference on Fiber Optics and Photonics, PHOTONICS 2012		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881123531&partnerID=40&md5=9665cc412cd0bda38e1b5a189bda259e	Conference Paper

Saha, S., Chaki, R.	Hierarchical cluster based query-driven routing protocol for wireless sensor networks	2012	Advances in Intelligent and Soft Computing	10.1007/978-3-642-27443-5-76	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880385683&doi=10.1007%2f978-3-642-27443-5-76&partnerID=40&md5=5fafd43a429f3672f70abb7462697d15	Conference Paper
Dalapati, S., Pal, S.	Low distortion three-phase sine PWM using a general purpose micro-controller	2012	International Journal of Power Electronics	10.1504/IJPELEC.2012.049044	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878160668&doi=10.1504%2fIJPELEC.2012.049044&partnerID=40&md5=457ca54918c48acce63bfa4d4b82a9	Article
Chowdhury, R., Bose, R., Sengupta, N., De, M.	Logarithmic Formula Generated Seed Based Cryptographic Technique using proposed Alphanumeric Number System and Rubik Rotation Algorithm	2012	Proceedings of the 2012 International Conference on Communications, Devices and Intelligent Systems, CODIS 2012	10.1109/CODIS.2012.6422265	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874417545&doi=10.1109%2fCODIS.2012.6422265&partnerID=40&md5=801c3a217ae4e86b70349de329bed8bc	Conference Paper
Acharjee, S., Dey, N., Biswas, D., Das, P., Chaudhuri, S.S.	A novel Block Matching Algorithmic Approach with smaller block size for motion vector estimation in video compression	2012	International Conference on Intelligent Systems Design and Applications, ISDA	10.1109/ISDA.2012.6416617	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874349562&doi=10.1109%2fISDA.2012.6416617&partnerID=40&md5=8d2497a52a70dbb2aa95d3d56b89619e	Conference Paper
Dey, N., Das, P., Biswas, S., Das, A., Chaudhuri, S.S.	Feature analysis for the reversible watermarked electrooculography signal using Low distortion Prediction-error Expansion	2012	Proceedings of the 2012 International Conference on Communications, Devices and Intelligent Systems, CODIS 2012	10.1109/CODIS.2012.6422280	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874437606&doi=10.1109%2fCODIS.2012.6422280&partnerID=40&md5=ec4c01e4989a04eab4d0255266015c3c	Conference Paper

Dey, N., Biswas, D., Roy, A.B., Das, A., Chaudhuri, S.S.	DWT-DCT-SVD based blind watermarking technique of gray image in electrooculogram signal	2012	International Conference on Intelligent Systems Design and Applications, ISDA	10.1109/ISDA.2012.6416619	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874374518&doi=10.1109%2fISDA.2012.6416619&partnerID=40&md5=e5ae628bfe85dc5aba8621164e2a0f14	Conference Paper
Dey, N., Roy, A.B., Das, P., Das, A., Chaudhuri, S.S.	Detection and measurement of arc of lumen calcification from intravascular ultrasound using Harris Corner detection	2012	2012 National Conference on Computing and Communication Systems, NCCCS 2012 - Proceeding	10.1109/NCCCS.2012.6413021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874282738&doi=10.1109%2fNCCCS.2012.6413021&partnerID=40&md5=bc42a5e09430c9eefe543fa7dfafa1e6	Conference Paper
Dey, N., Das, P., Roy, A.B., Das, A., Chaudhuri, S.S.	DWT-DCT-SVD based intravascular ultrasound video watermarking	2012	Proceedings of the 2012 World Congress on Information and Communication Technologies, WICT 2012	10.1109/WICT.2012.6409079	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873398158&doi=10.1109%2fWICT.2012.6409079&partnerID=40&md5=9e9be4c5d77e15a600de530a40c607d0	Conference Paper
Dey, N., Das, P., Biswas, S., Das, A., Chaudhuri, S.S.	Lifting Wavelet Transformation based blind watermarking technique of Photoplethysmographic signals in wireless telecardiology	2012	Proceedings of the 2012 World Congress on Information and Communication Technologies, WICT 2012	10.1109/WICT.2012.6409080	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873358659&doi=10.1109%2fWICT.2012.6409080&partnerID=40&md5=39ff22f3590a94646fd4f939a35ffd1d	Conference Paper

Dey, N., Roy, A.B., Das, A., Chaudhuri, S.S.	Optical cup to disc ratio measurement for glaucoma diagnosis using harris corner	2012	2012 3rd International Conference on Computing, Communication and Networking Technologies, ICCCNT 2012	10.1109/ICCCNT.2012.6395971	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873304910&doi=10.1109%2fICCCNT.2012.6395971&partnerID=40&md5=e6da00e22b0adc703029bcc98dfb88a9	Conference Paper
Singh, D., Choudhury, J.P., De, M.	A comparative study on the performance of fuzzy logic, Bayesian logic and neural network towards decision-making	2012	International Journal of Data Analysis Techniques and Strategies	10.1504/IJDATS.2012.046792	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871776443&doi=10.1504%2fIJDATS.2012.046792&partnerID=40&md5=69adb3b1f1f9e557670ec29764a15815	Article
Dey, N., Mishra, G., Nandi, B., Pal, M., Das, A., Chaudhuri, S.S.	Wavelet based watermarked normal and abnormal heart sound identification using spectrogram analysis	2012	2012 IEEE International Conference on Computational Intelligence and Computing Research, ICCIC 2012	10.1109/ICCIC.2012.6510173	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877960946&doi=10.1109%2fICCCIC.2012.6510173&partnerID=40&md5=345dccb2451269bb7432caf46486447e	Conference Paper
Nandy, S., Sarkar, P.P., Abraham, A., Karmakar, M., Das, A., Paul, D.	Agent based adaptive firefly back-propagation neural network training method for dynamic systems	2012	Proceedings of the 2012 12th International Conference on Hybrid Intelligent Systems, HIS 2012	10.1109/HIS.2012.6421376	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874157353&doi=10.1109%2fHIS.2012.6421376&partnerID=40&md5=3b05c09d166ae5145c384fc143e1ed65	Conference Paper

Chowdhury, R., Ghosh, S., De, M.	String graphification based asymmetric key cryptographic algorithm using proposed concepts of GDC and S-loop matrix	2012	2012 International Conference on Informatics, Electronics and Vision, ICIEV 2012	10.1109/ICIEV.2012.6317483	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869477552&doi=10.1109%2fICIEV.2012.6317483&partnerID=40&md5=e10ec572600065860343d5f8f0ba8907	Conference Paper
Chakraborty, S., Chaki, N.	DFRS: A domain-based framework for representing semi-structured data	2012	ACM International Conference Proceeding Series	10.1145/2381716.2381801	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869001888&doi=10.1145%2f2381716.2381801&partnerID=40&md5=6c3c13b9e4693fd8c065c9c1fbe66f93	Conference Paper
Dey, N., Roy, A.B., Das, A., Chaudhuri, S.S.	Stationary wavelet transformation based self-recovery of blind-watermark from electrocardiogram signal in wireless telecardiology	2012	Communications in Computer and Information Science	10.1007/978-3-642-34135-9_35	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867678093&doi=10.1007%2f978-3-642-34135-9_35&partnerID=40&md5=9659bc0a3fa8c437f1b1dd61a591b3	Conference Paper
Pal, S., Dalapati, S.	Digital simulation of forty eight pulse STATCOM for reduction of voltage instability and improvement of power quality	2012	Indian Journal of Science and Technology		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868232116&partnerID=40&md5=a817d8325d860a2874e41691028a9dfed	Article
Dey, N., Roy, A.B., Das, A.	Detection and measurement of bimalleolar fractures using Harris corner	2012	ACM International Conference Proceeding Series	10.1145/2345396.2345405	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866131543&doi=10.1145%2f2345396.2345405&partnerID=40&md5=602dc1ab285ff998e3e9d74f2db561d0	Conference Paper

Mazumder, A., Ghosal, S., Das, S., Neogi, B.	Study of sampled data control approach towards prosthetic eye model for initiating the non deterministic aspect	2012	Communications in Computer and Information Science	10.1007/978-3-642-31686-9_19	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865303973&doi=10.1007%2f978-3-642-31686-9_19&partnerID=40&md5=ab7a4938928120d8df0c2c1862ef8773	Conference Paper
Gupta, S., Chatterjee, S.	Text dependent voice based biometric authentication system using spectrum analysis and image acquisition	2012	Advances in Intelligent and Soft Computing	10.1007/978-3-642-30157-5_7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865194848&doi=10.1007%2f978-3-642-30157-5_7&partnerID=40&md5=b99e8f0e2b77fcef9ede083cf4e18dd	Conference Paper
Gupta, S., Mazumder, S., Mondal, S.	Interactive investigation support system design with data mining extension	2012	Advances in Intelligent and Soft Computing	10.1007/978-3-642-30157-5_8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865160617&doi=10.1007%2f978-3-642-30157-5_8&partnerID=40&md5=1b35077ddd35946e0c2d690373c02d27	Conference Paper
Giri, B.C., Bhattacharjee, R.	An optimal policy for a single-vendor single-buyer integrated inventory system based on vendor's strategy of shipments to buyer	2012	International Journal of Services and Operations Management	10.1504/IJSM.2012.048833	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866006020&doi=10.1504%2fIJSM.2012.048833&partnerID=40&md5=b85f8bb2efa9d0fb43fdf7d98024100d	Article
Saha, P., Banerjee, A., Dandapat, A., Bhattacharyya, P.	Design of high speed Vedic multiplier for decimal number system	2012	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10.1007/978-3-642-31494-0_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864314860&doi=10.1007%2f978-3-642-31494-0_10&partnerID=40&md5=9dd4a86eca85248be1f5ea0c9c26fda9	Conference Paper

Pal, B.B., Gupta, S.	A genetic algorithm-based fuzzy goal programming approach for solving fractional bilevel programming problems	2012	International Journal of Operational Research	10.1504/IJOR.2012.047515	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862849053&doi=10.1504%2fIJOR.2012.047515&partnerID=40&md5=96fc89d96fe971211e276416bf451a0c	Article
Neogi, B., Ghosal, S., Ghosh, S., Bose, T.K., Das, A.	Dynamic modeling and optimizations of mechanical prosthetic arm by simulation technique	2012	2012 1st International Conference on Recent Advances in Information Technology, RAIT-2012	10.1109/RAIT.2012.6194542	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862095684&doi=10.1109%2fRAIT.2012.6194542&partnerID=40&md5=b75514c4077a92998b54fdeb364dd1b2	Conference Paper
Pal, S., Dalapati, S.	Digital simulation of two level inverter based on space vector pulse width modulation	2012	Indian Journal of Science and Technology		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860330196&partnerID=40&md5=a3e01acc560b4781afa8d7b0602392ea	Article
Pal, B.B., Biswas, P., Mukhopadhyay, A.	Using genetic algorithm to goal programming model of solving economic-environmental electric power generation problem with interval-valued target goals	2012	Communications in Computer and Information Science	10.1007/978-3-642-28926-2_17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858198884&doi=10.1007%2f978-3-642-28926-2_17&partnerID=40&md5=f008eaa7b3675f08d9c89346f724a426	Conference Paper
Chattopadhyaya, M., Sen, S., Alam, M.M., Chakrabarti, S.	The role of relativity and dispersion controlled inter-chain interaction on the band gap of thiophene, selenophene, and tellurophene oligomers	2012	Journal of Chemical Physics	10.1063/1.3689860	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858196251&doi=10.1063%2f1.3689860&partnerID=40&md5=b4f5c0cb48d0f2080a7107dd327747eb	Article

Bhaumik, M., DasGupta, S., Saha, S.	Affinity based clustering routing protocol for vehicular ad hoc networks	2012	Procedia Engineering	10.1016/j.proeng.2012.06.084	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901052938&doi=10.1016%2fj.proeng.2012.06.084&partnerID=40&md5=6f10a1818606b0c577e0853880cb2163	Conference Paper
Chaudhuri, A., DasGupta, S., Saha, S.	Identity based secure algorithm for VANET	2012	Procedia Engineering	10.1016/j.proeng.2012.06.023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901001910&doi=10.1016%2fj.proeng.2012.06.023&partnerID=40&md5=c4ba0ea0a00c0155252bf5b125d18358	Conference Paper
Roy, S.S.	The simple theoretical analysis of the mass and molar magnetic susceptibilities in quantum wires of II-VI and IV-VI compound semiconductor	2012	Proceedings of SPIE - The International Society for Optical Engineering	10.1117/12.922318	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899913358&doi=10.1117%2f12.922318&partnerID=40&md5=4493e17b9390c3c5b456b6fb3bf983a0	Conference Paper
Sahana, S., Saha, S., Dasgupta, S.	Weight based hierarchical clustering algorithm for mobile Ad hoc networks	2012	Procedia Engineering	10.1016/j.proeng.2012.06.137	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897784909&doi=10.1016%2fj.proeng.2012.06.137&partnerID=40&md5=7b5f33bc3b3a311f13818abd40a803b8	Conference Paper
Biswas, S., Goswami, S.K., Chatterjee, A.	Optimum distributed generation placement with voltage sag effect minimization	2012	Energy Conversion and Management	10.1016/j.enconman.2011.08.020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80053362280&doi=10.1016%2fj.enconman.2011.08.020&partnerID=40&md5=2b7d33bda8682d2352ee47328705b4c3	Article

Neogi, B., Ghosal, S., Sarkar, S.	Analysis and control towards limb prosthesis for paraplegic and fatigued conditions by introducing Lyapunov and sample data domain aspects	2012	International Review of Automatic Control		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873465541&partnerID=40&md5=79249401e427180c712d7098f8121b94	Article
Pal, B.B., Chakraborti, D., Biswas, P., Mukhopadhyay, A.	An application of genetic algorithm method for solving patrol manpower deployment problems through fuzzy goal programming in traffic management system: A case study	2012	International Journal of Bio-Inspired Computation	10.1504/IJBC.2012.044930	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861878847&doi=10.1504%2fIJBC.2012.044930&partnerID=40&md5=bf9f93a2e3add119e44bd2a14ad8f9e0	Article
Chakraborty, S., Chaki, N.	A survey on the semi-structured data models	2011	Communications in Computer and Information Science	10.1007/978-3-642-27245-5_31	https://www.scopus.com/inward/record.uri?eid=2-s2.0-83755162592&doi=10.1007%2f978-3-642-27245-5_31&partnerID=40&md5=477b20d328207ddc75fb22f8cf825c3b	Conference Paper
Ghosh, S.R., Dasgupta, H.	Classification of points of lower semi-continuity of a multifunction in topological spaces	2011	Real Analysis Exchange		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888150053&partnerID=40&md5=f2afc13c191b04c54f77e8304b52ab8f	Article
Saha, S., Chaki, R.	Cluster based mobility considered routing protocol for mobile ad hoc network	2011	Communications in Computer and Information Science	10.1007/978-3-642-17857-3_4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874697494&doi=10.1007%2f978-3-642-17857-3_4&partnerID=40&md5=871fb5ef060d8091a33233d148649020	Conference Paper

Chowdhury, R., Gupta, S., Saha, A.	Stochastic Seed based Cryptographic Technique [SSCT] using Dual Formula Key [DFK]	2011	Proceedings of the 2011 International Conference on Communication and Industrial Application, ICCIA 2011	10.1109/ICCIndA.2011.6146660	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863281302&doi=10.1109%2fICCIndA.2011.6146660&partnerID=40&md5=3d2443a52eb2bfd420db390e697fe626	Conference Paper
Chakraborti, D., Biswas, P., Mukhopadhyay, A.	Bio-inspired computational technique to multiobjective optimal planning of electric power generation and dispatch	2011	Proceedings of the 2011 International Conference on Communication and Industrial Application, ICCIA 2011	10.1109/ICCIndA.2011.6146671	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857718596&doi=10.1109%2fICCIndA.2011.6146671&partnerID=40&md5=0588ed37ede363015011ae232737b8a4	Conference Paper
Saha, P., Banerjee, A., Bhattacharyya, P., Dandapat, A.	Vedic divider: Novel architecture (ASIC) for high speed VLSI applications	2011	Proceedings - 2011 International Symposium on Electronic System Design, ISED 2011	10.1109/ISED.2011.62	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856141953&doi=10.1109%2fISED.2011.62&partnerID=40&md5=8be3ddae5fb93561b6a179dd7bf92d75	Conference Paper
Saha, P., Banerjee, A., Dandapat, A., Bhattacharyya, P.	ASIC design of a high speed low power circuit for factorial calculation using ancient Vedic mathematics	2011	Microelectronics Journal	10.1016/j.mejo.2011.09.001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80955130859&doi=10.1016%2fmejo.2011.09.001&partnerID=40&md5=cdd923dc492d43d23b301be62bd693da	Article

Bhattacharya, T., Hore, S., Mukherjee, A., Bhadra Chaudhuri, S.R.	A novel highly secured session based data encryption technique using robust fingerprint based authentication	2011	Communications in Computer and Information Science	10.1007/978-3-642-17878-8_43	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874753172&doi=10.1007%2f978-3-642-17878-8_43&partnerID=40&md5=28bcbed35600525ce0f90833b2d9be19	Conference Paper
Singha Roy, S.	A simple theoretical analysis of the Einstein relation for the DMR (diffusivity-mobility ratio) in Nono compounds on the basis of k.p formalism	2011	Proceedings of SPIE - The International Society for Optical Engineering	10.1117/12.892524	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80053930571&doi=10.1117%2f12.892524&partnerID=40&md5=a3bb2a71e489da765bc0c5d1f2c78fa6	Conference Paper
Bag, S., Pal, S.	Bioactive coating over polymer-ceramic composite - An ideal synthetic bone substitute	2011	International Journal of Pharma and Bio Sciences		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855496077&partnerID=40&md5=96c7dc1148b0dde8b399b876264554e5	Article
Roy, S.S.	The simple theoretical analysis of the specific heat capacity in nano materials	2011	Proceedings - International NanoElectronics Conference, INEC	10.1109/INEC.2011.5991778	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80053038869&doi=10.1109%2fINEC.2011.5991778&partnerID=40&md5=0b55c9b44aec139b703528264f8559e1	Conference Paper
Roy, S.S.	The theoretical study of field emission from quantum wire SLs (QWSL)	2011	Proceedings - International NanoElectronics Conference, INEC	10.1109/INEC.2011.5991663	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052995315&doi=10.1109%2fINEC.2011.5991663&partnerID=40&md5=44cb99fb2e9cfeacc1573ae240080851	Conference Paper

Sarkar, I., Sarkar, P.P., Chowdhury, S.K.	A dualband monopole microstrip antenna	2011	Microwave and Optical Technology Letters	10.1002/mop. 26196	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959258935&doi=10.1002%2fmop.26196&partnerID=40&md5=d09fa852fd2e00b33097aec61da3be60	Article
Saha, P., Banerjee, A., Dandapat, A., Bhattacharya, P.	ASIC implementation of high speed processor for calculating discrete fourier transformation using circular convolution technique	2011	WSEAS Transactions on Circuits and Systems		https://www.scopus.com/inward/record.uri?eid=2-s2.0-80055026682&partnerID=40&md5=3f0107a0c86743e893e0af861194a64c	Article
Chakraborty, S., Chaki, N.	Trusted third party synchronized billing framework using multiple authorizations by multiple owners (MAMO)	2011	Communications in Computer and Information Science	10.1007/978-3-642-21153-9_3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960033522&doi=10.1007%2f978-3-642-21153-9_3&partnerID=40&md5=cca3cb9795179aec69055599c9bf5b8f	Conference Paper
Saha, P., Banerjee, A., Bhattacharya, P., Dandapat, A.	High speed ASIC design of complex multiplier using Vedic mathematics	2011	TechSym 2011 - Proceedings of the 2011 IEEE Students' Technology Symposium	10.1109/TEC HSYM.2011.5 783852	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959394395&doi=10.1109%2fTECHSYM.2011.5783852&partnerID=40&md5=cb73cd18b716b7e448955f44532d7061	Conference Paper

Das, M., Ray, D., Bandyopadhyay, S., Banerjee, S., Bandyopadhyay, N.R., Basumallik, A.	Thermogravimetric and resistivity study of Ex situ and in situ poly(methyl methacrylate)/carboxylic acid group functionalized multiwall carbon nanotubes composites	2011	Journal of Applied Polymer Science	10.1002/app.33320	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952480524&doi=10.1002%2fapp.33320&partnerID=40&md5=9db39fe1460c3c0fe1ec133131cfe97b	Article
Bala, T., Sanyal, A., Singh, A., Kelly, D., O'Sullivan, C., Laffir, F., Ryan, K.M.	Silver tip formation on colloidal CdSe nanorods by a facile phase transfer protocol	2011	Journal of Materials Chemistry	10.1039/c0jm04324a	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955373242&doi=10.1039%2fc0jm04324a&partnerID=40&md5=725dfa7fff9e47120d3523396256f1c9	Article
Sanyal, A., Sanyal, S., Choudhury, S.	Physical level implementation of a web data model	2011	ACM International Conference Proceeding Series	10.1145/1947940.1948040	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952948956&doi=10.1145%2f1947940.1948040&partnerID=40&md5=aa878d82ebdf096fb5697d0c1dbc03bf	Conference Paper

Biswas, A., Majumder, D., Sahu, S.	Assessing morningness of a group of people by using fuzzy expert system and adaptive neuro fuzzy inference model	2011	Communications in Computer and Information Science	10.1007/978-3-642-19263-0_6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951635371&doi=10.1007%2f978-3-642-19263-0_6&partnerID=40&md5=b82c9ec01c9dc7683857884ca87641ad	Conference Paper
Pal, B.B., Chakraborti, D., Biswas, P.	Using genetic algorithm for solving linear multilevel programming problems via fuzzy goal programming using	2011	Communications in Computer and Information Science	10.1007/978-3-642-19263-0_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951654397&doi=10.1007%2f978-3-642-19263-0_10&partnerID=40&md5=6e45c766d7d769d027dcb4daa07f64ef	Conference Paper
Mandal, S., Majee, N.C.	Existence of periodic solutions for a class of Cohen-Grossberg type neural networks with neutral delays	2011	Neurocomputing	10.1016/j.neucom.2010.11.021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79751539062&doi=10.1016%2fj.neucom.2010.11.021&partnerID=40&md5=9d618eafd104692b87361d2dc7d22c0c	Article
Dasgupta, S., Chaki, R.	SRPV: A speedy routing protocol for VANET	2011	Communications in Computer and Information Science	10.1007/978-3-642-18440-6_35	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79551540222&doi=10.1007%2f978-3-642-18440-6_35&partnerID=40&md5=03b3d4dfc1d911741f1294406a71929c	Conference Paper
Saha, P., Banerjee, A., Dandapat, A., Bhattacharyya, P.	Vedic mathematics based 32-Bit multiplier design for high speed low power processors	2011	International Journal on Smart Sensing and Intelligent Systems		https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959412720&partnerID=40&md5=b7e6a632009fea16dfca1cfefa464c9b	Article

Chakraborty, U., Chatterjee, S., Chowdhury, S.K., Sarkar, P.P.	A compact microstrip patch antenna for wireless communication	2011	Progress In Electromagnetics Research C	10.2528/PIERC10101205	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951969798&doi=10.2528%2fPIERC10101205&partnerID=40&md5=76c5347b7f091b7ca977c9e47384535d	Article
Singha Roy, S.	Quantum confinement on the carrier contribution to the elastic constants in nonlinear optical and optoelectronic materials	2010	Proceedings of SPIE - The International Society for Optical Engineering	10.1117/12.864432	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649858683&doi=10.1117%2f12.864432&partnerID=40&md5=ad668ab880d333e59fafaecf31dda1a	Conference Paper
Gupta, S.D., Saha, S., Bhowal, D., Bhowmik, D.	LBSPR: Location based shortest path routing protocol in MANET	2010	2010 IEEE International Conference on Computational Intelligence and Computing Research, ICCIC 2010	10.1109/ICCI C.2010.5705767	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951799263&doi=10.1109%2fICCI C.2010.5705767&partnerID=40&md5=6c52ff6613154928a9ab38424651eb96	Conference Paper
Biswas, P., Chakraborti, D.	A fuzzy goal programming procedure for solving multiobjective load flow problems via genetic algorithm	2010	AIP Conference Proceedings	10.1063/1.3516341	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951981584&doi=10.1063%2f1.3516341&partnerID=40&md5=e977dbd140253b3eea68f59bfe8323c5	Conference Paper
Biswas, S., Goswami, S.K.	Optimal allocation of distributed generation minimizing loss and voltage sag problem-using genetic algorithm	2010	AIP Conference Proceedings	10.1063/1.3516342	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951979264&doi=10.1063%2f1.3516342&partnerID=40&md5=4ed5bfa9a379fa74b71d0ff6f330a64f	Conference Paper

Sen, S., Seal, P., Chakrabar ti, S.	A Comparative Study of the Nonlinear Optical Properties of Cd _n X _n (X: S, Se and Te) Clusters	2010	Journal of Cluster Science	10.1007/s10876-010-0337-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650222693&doi=10.1007%2fs10876-010-0337-3&partnerID=40&md5=84fccab97bf1ee372e205c984abd0450	Article
Biswas, B.K., Bag, S., Pal, S.	Measurement of biting force over dental implant	2010	ASME 2010 Summer Bioengineering Conference, SBC 2010	10.1115/SBC2010-19340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893787082&doi=10.1115%2fSBC2010-19340&partnerID=40&md5=f5f4480750987565638785b00823d78f	Conference Paper
Begam, H., Chanda, A., Kundu, B.	Synthesis and characterization of nano-grained hydroxyapatite through slip casting technique	2010	International Conference on Systems in Medicine and Biology, ICSMB 2010 - Proceedings	10.1109/ICSMB.2010.5735364	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955676163&doi=10.1109%2fICSMB.2010.5735364&partnerID=40&md5=8a75068d35c8fe4f1a5d1b3e169b2991	Conference Paper
Chakraborty, U., Chatterjee, S., Chowdhury, S.K., Sarkar, P.P.	Triangular slot microstrip patch antenna for wireless communication	2010	Proceedings of the 2010 Annual IEEE India Conference: Green Energy, Computing and Communication, INDICON 2010	10.1109/INDCON.2010.5712747	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952482533&doi=10.1109%2fINDCON.2010.5712747&partnerID=40&md5=864247517b092c74a352c7e9bc17c682	Conference Paper

Chatterjee, S., Chakraborty, U., Sarkar, I., Sarkar, P.P., Chowdhury, S.K.	A compact microstrip antenna for mobile communication	2010	Proceedings of the 2010 Annual IEEE India Conference: Green Energy, Computing and Communication, INDICON 2010	10.1109/INDCON.2010.5712711	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952462276&doi=10.1109%2fINDCON.2010.5712711&partnerID=40&md5=ccf0a40a3bdb674b4a1ceae72d150e0c	Conference Paper
Saha, P.K., Banerjee, A., Dandapat, A.	Low power and high speed factorial design in 22 nm technology	2010	AIP Conference Proceedings	10.1063/1.3504314	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649296276&doi=10.1063%2f1.3504314&partnerID=40&md5=db03e78799b5be3facbeafc012f8f3a7	Conference Paper
Pal, B.B., Gupta, S., Chakraborti, D.	A genetic algorithm based stochastic simulation approach to chance constrained interval valued multiobjective decision making problems	2010	2010 2nd International Conference on Computing, Communication and Networking Technologies, ICCCNT 2010	10.1109/ICCCNT.2010.5591826	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549278083&doi=10.1109%2fICCCNT.2010.5591826&partnerID=40&md5=82ce235968586305117912313d089ae4	Conference Paper
Sen, S., Chakraborti, S.	Ferromagnetically coupled cobalt-benzene-cobalt: The smallest molecular spin filter with unprecedented spin injection coefficient	2010	Journal of the American Chemical Society	10.1021/ja106705m	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78049391604&doi=10.1021%2fja106705m&partnerID=40&md5=c5acd8081028643a0de558dcbc28268f	Article

Singharoy, S.R.	Simple theoretical analysis of the thermoelectric power under strong magnetic quantization in superlattices of non-parabolic semiconductors with graded interfaces	2010	Proceedings of SPIE - The International Society for Optical Engineering	10.1117/12.847400	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953367351&doi=10.1117%2f12.847400&partnerID=40&md5=e39cdad998a837cb8ea48b72b3a3caa4	Conference Paper
Dasgupta, S., Saha, S., Ghosh, S., Ghosh, P., Roychowdhury, S.	LORP: Least overhead routing protocol for MANET	2010	2010 International Conference on Wireless Communication and Sensor Computing, ICWCSC 2010	10.1109/ICWCSC.2010.5415911	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951051993&doi=10.1109%2fICWCSC.2010.5415911&partnerID=40&md5=354cf17b2400ee2629111440e07e4e09	Conference Paper
Sarkar, I., Sarkar, P.P., Chowdhury, S.K.	A new multi frequency compact microstrip antenna	2010	Indian Journal of Physics		https://www.scopus.com/inward/record.uri?eid=2-s2.0-79551662231&partnerID=40&md5=ef08c2f7a706e6a66b8af01430f4efeb	Article
Bandyopadhyay, M., Shiju, N.R., Brown, D.R.	MCM-48 as a support for sulfonic acid catalysts	2010	Catalysis Communications	10.1016/j.cattcom.2010.01.018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-76749162297&doi=10.1016%2fj.cattcom.2010.01.018&partnerID=40&md5=3f63452500eecd995d92d5557b16519	Article
Seal, P., Sen, S., Chakrabarti, S.	Ab initio investigation on the nonlinear optical properties of CdnTen (n = 1-10) clusters	2010	Chemical Physics	10.1016/j.chemphys.2009.11.014	https://www.scopus.com/inward/record.uri?eid=2-s2.0-75449099584&doi=10.1016%2fj.chemphys.2009.11.014&partnerID=40&md5=ad6ba1728c6a08bf328649b5f83798c6	Article

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Sarkar, I., Sarkar, P.P., Chowdhur y, S.K.	A new compact printed antenna for mobile communication	2009	Loughborough Antennas and Propagation Conference, LAPC 2009 - Conference Proceedings	10.1109/LAP C.2009.53525 41	https://www.scopus.com/inward/record.uri?eid=2-s2.0-76149103565&doi=10.1109%2fLAPC.2009.5352541&partnerID=40&md5=142f4d399499d0c8f3d99e5fc59ba0cf	Conference Paper
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