

Number of research papers published in national and international journals during last six years

Title of paper	Name of the author/s	Department of the teacher	Name of the journal	Year of publication	ISBN/ISSN number	Link of the recognition of the Journal
Optical quadruple Peres Gate using SLM and Savart Plate	Animesh Bhattacharya, Goutam K Maity, Amal K Ghosh	AEIE	Journal of Optoelectronics and Advanced Materials	2018	ISSN (Online): 1841 – 7132, ISSN (Print): 1454 - 4164	https://joam.inoe.ro/index.php/images/stories/index.php?option=magazine&op=view&idu=4182&catid=109
Implementation of Quadruple Valued Flip-Flops using CMOS and Spatial Light Modulator based Savart Plate	Animesh Bhattacharya, Amal K Ghosh, Goutam K Maity	AEIE	International Journal of Nanoparticles	2018	ISSN (Online): 1753-2515, ISSN (print):	https://www.inderscienceonline.com/doi/abs/10.1504/IJNP.2018.092684
Optical New Quadruple Universal Gate (QUG) using SLM Based Savart Plate	Animesh Bhattacharya, Goutam K Maity, Amal K Ghosh	AEIE	International Journal of Modern Trends in Engineering and Research	2018	ISSN (Online):2349 –9745, ISSN (Print):2393-8161	https://www.ijmter.com/papers/volume-5/issue-1/optical-new-quadruple-universal-gate-qug-using-slm-based-savart-plate.pdf
A Novel Design and Development of Condenser Microphone Based Stethoscope to Analyze Phonocardiogram Spectrum Using Audacity	Tarak Das, Parameswari Hore, Prarthita Sharma, Tapas Kr. Dawn	BME	International Journal of Electronics, Electrical and Computational System	2018	2348-117X	http://academicscience.co.in/admin/resources/project/paper/f201804301525065330.pdf
Study on the Structure and Properties of Crystalline Pure and Doped β -Tri Calcium Phosphate Ceramics	Sujan Krishna Samanta et al.	BME	Materials Today Proceedings	2018	ISSN: 2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785317319788

3gClust: Human Protein Cluster Analysis	A.K.Halder, P. Chatterjee, M. Nasipuri, D. Plewczynski, S.Basu	CSE	IEEE/ACM Transactions on computational Biology and	2018	DOI: 10.1109/TCBB.2018.2840996, ISSN: 1545-	https://ieeexplore.ieee.org/document/8369342/authors
Natures of StateFinder Parameters and Om Diagnosis for Cardassian Universe in Hořava-Lifshitz Gravity	Piyali Bagchi Khatua and Ujjal Debnath	CSE	International Journal of Theoretical Physics	2018	0020-7748 DOI: .1007/s10773-012-1254-z.	https://arxiv.org/pdf/1108.1186.pdf
3D Modeling and Performance Analysis of Dual Material Tri Gate Tunnel Field Effect Transistor	Priyanka Saha, Saheli Sarkhel and Subir Kumar Sarkar	ECE	IETE Technical Review, Taylor and Francis	2018	Print ISSN: 0256-4602 Online ISSN: 0974-5971	https://www.tandfonline.com/doi/abs/10.1080/02564602.2018.1428503
A novel channel state prediction technique for overlay cognitive radio-based emergency sensor networks	Swagata Roy Chatterjee; Mohuya Chakraborty; Debashis Saha	ECE	Int. J. of Knowledge Engineering and Data Mining	2018	ISSN online: 1755-2095 ISSN	http://www.inderscience.com/info/inarticle.php?artid=92814
An Improved Global-Best-Guided Cuckoo Search Algorithm for Multiplierless Design of Two-Dimensional IIR Filters	Supriya Dhabal, Palaniandavar Venkateswaran	ECE	Circuits, Systems, and Signal Processing	2018	ISSN: 0278-081X (print version); ISSN: 1531-5878	https://link.springer.com/article/10.1007/s00034-018-0886-5
Multi-Agent based Analysis & Design of Decision Support System for Real Time Environment Control	Namrata Das, Anirban Kundu	IT	International Journal of Green Computing	2018	ISSN: 1948-5018; eISSN: 1948-5026	https://www.igi-global.com/journal/international-journal-green-computing/1175
An Eco Friendly Efficient Cloud Searching Technique with Delay	Saswati Sarkar, Anirban Kundu	IT	International Journal of Green Computing	2018	ISSN: 1948-5018; eISSN: 1948-5026	https://www.igi-global.com/journal/international-journal-green-computing/1175

On the Exploration of Equal Length Cellular Automata Rules Targeting a Mapreduce Design in Cloud	Arnab Mitra, Anirban Kundu, Matangini Chattopadhyay, Samiran Chattopadhyay	IT	International Journal of Cloud Applications and Computing	2018	DOI: 10.4018/IJCAC.2015070101	https://www.igi-global.com/journal/international-journal-cloud-applications-computing/41974
An energy and exergy-based performance analysis and emission control of the turbine cycle in a coal-based steam power plant	Malay Kanti Naskar; Sudip Simlandi; Nilkanta Barman	ME	Interdisciplinary Environmental Review	2018	Vol.19, No.2, pp.123 - 138	https://www.inderscienceonline.com/doi/abs/10.1504/IER.2018.093297
Non-linear forced vibration analysis of higher-order shear-deformable functionally graded material beam in thermal environment subjected to harmonic excitation and resting on non-linear elastic foundation	Amlan Paul, Debabrata Das	ME	Journal of Strain analysis for engineering design	2018	vol. 53, 6: pp. 446-462	https://doi.org/10.1177/0309324718782230
New Integration Methods for Simulation of Electromagnetic Transients	Soham Chakraborty, R. Ramanujam	EE	International Journal of Emerging Electric Power Systems (IJEEPS) - De Gruyter - VOL 19	2018	1553-779X	https://doi.org/10.1515/ijeeps-2018-0122
New approach in two-area interconnected AGC including various renewable energy sources using PSO	PRASUN SANKI	EE	Turkish Journal of Electrical Engineering & Computer Sciences	2018	E-ISSN: 1303-6203 ISSN: 1300-0632	http://journals.tubitak.gov.tr/elektrik/issues/elk-18-26-3/elk-26-3-30-1707-241.pdf
Mathematical model for diabetes in fuzzy environment	Animesh Mahata, Sankar Prasad Mondal, Shariful Alam, Avishek Chakraborty, Sujit Kumar Dey, Adrijit Goswami	BES	Journal of Intelligent and Fuzzy Systems(accepted)	2018	ISSN:1064-1246, 1875-8967	https://sites.google.com/view/bshu/r-d/faculty-publication/avishek-chakraborty

Persistence of a Generalized Prey-Predator Model with Prey Reserved and Herd Behavior of Prey in Unreserved Zone, Where Both side Prey Migration Rate Is Predator's Density Dependent Function.	Sachindra NathMatia, Animesh Mahata, Shariful Alam, Banamali Roy	BES	IJESI	2018	ISSN:2319-6734,6726	http://www.ijesi.org/papers/Vol(7)i3/Version-1/H0703014048.pdf
Different Solution Strategies for Solving Epidemic Model in Imprecise Environment	Animesh Mahata, Sankar Prasad Mondal, Ali ahmadian, Fudiah Ismail, Shariful Alam and Soheil Salahshour	BES	Complexity(Hindawi)	2018	article ID 4902142	https://www.hindawi.com/journal/complexity/2018/4902142/
The Behavior of Logistic Equation with Alley Effect in Fuzzy Environment :Fuzzy Differential Equation Approach.	Soheil Salahshour, Aliahmadian, Animesh Mahata, Sankar Prasad Mondal, Shariful Alam	BES	IJACM	2018	2349-5103,405-9854	https://link.springer.com/article/10.1007/s40819-018-0496-8
“Facile Synthesis of a New Class of Pyrazolone Attached Chromene Derivatives Showing Good Binding with β Lactoglobulin”	Chayan Guha, Nayim Sepay, Sumitava Mallik and Asok K. Mallik	BES	ChemistrySelect	2018	ISSN: 2365-6549	https://onlinelibrary.wiley.com/doi/pdf/10.1002/slct.201800702
Remarkable Diastereoselectivity of the Thia-Michael Reaction on α,α' -Di[(E) benzylidene]alka-nones: Exclusive Formation of a meso Product	Chayan Guha, Nayim Sepay, Taps Halder and Asok K. Mallik	BES	Synlett	2018	ISSN: 0936-5214	https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-0036-1591961

Simple Diastereoselective Synthesis of (2S*,2'R*,3'R*,4S*) -2,3'-Diphenylspiro [chroman-3,2'-oxiran]-4-ols and (2S*,2'S*,3'S*,4S*)-2,3'-Diphenylspiro [chroman-3,2'-oxiran]-4-ols	Tapas K. Mandal, Falguni Chattopadhyay, Chayan Guha, Nayim Sepay, Haimanti Mallik and Asok K. Mallik	BES	Organic Preparation and Procedure International	2018	ISSN: 1945-5453	https://www.tandfonline.com/doi/full/10.1080/00304948.2018.1405335
Two new analog multipliers/dividers employing single current differencing buffer amplifier	Suvajit Roy, Tapas Kumar Paul, Saikat Maiti, Radha Raman Pal	BES	AEU-International Journal of Electronics and Communications	2018	ISSN: 1434-8411	https://www.sciencedirect.com/science/article/pii/S1434841117324020
Effect of single walled carbon nanotubes on series resistance of Rose Bengal and Methyl Red dye-based organic photovoltaic device	K. Chakraborty, S. Chakrabort, N. B. Manik	BES	Journal of Semiconductors	2018	ISSN: 1674-4926	http://www.jos.ac.cn/article/id/29f02e17-766f-4432-bd60-724734d2a0a6?pageType=en
Exploring the Threshold Voltage Characteristics and Short Channel Behavior of Gate Engineered Front Gate Stack MOSFET with Graded Channel	Saheli Sarkhel, Priyanka Saha and Subir Kumar Sarkar	ECE	Silicon, Springer publications	2018	Print ISSN: 1876-990X ; Online 1876-9918	https://link.springer.com/article/10.1007/s12633-018-9950-9

“Modified Recursive Modulo 2 ⁿ and Key Rotation Technique (MRMKRT)”	Rajdeep Chakraborty, Avishek Datta and J. K. Mandal,	CSE	International Journal of Engineering & Science Research (IJESR),	2018	ISSN 2277 – 2685,	https://www.researchgate.net/profile/Avishek_Datta3/publication/305152370_MODIFIED_RECURSIVE_MODULO_2N_AND_KEY_ROTATION_TECHNIQUE_MRMKRT/links/578397bf08ae37d3af6bf1f5/MODIFIED-RECURSIVE-MODULO-2N-AND-KEY-ROTATION-TECHNIQUE-MRMKRT.pdf
Modelling and validation of magnetic tunnel junction device	Joyanto Roychoudhary, Sumitesh Majumder, T K Maity	AEIE	Journal of Measurement Science and Instrumentation	2017	ISSN 1674-8042	http://www.ijaiem.org/abstract2.php?pid=IJAIEM-2017-04-07-9
EEG Analysis for Cognitive Failure Detection in Driving Using Type-2 Fuzzy Classifiers	Anuradha Saha, amit Konar and Atulya K. Nagar	AEIE	IEEE Transactions on Emerging Topics in Computational Intelligence	2017	2471-285X	https://ieeexplore.ieee.org/document/8116701/
Design of Low cost Smart Health Suit for an application of Internet of Things Integration Platform on Modern Health Care System	TarakDas, Navoneel Jana, Tapas Kumar Dawn	BME	International Journal of Advance Research in Science and Engineering	2017	23198354	http://www.ijarse.com/images/fullpdf/1512913355_SRC571_1.pdf
Design of Low Cost Compact Electro Cardio Gram Machine using LabVIEW with E-mobile Interface	Tarak Das, Preetam Paul , Pratik Das	BME	International Journal of Advance Research in Science and Engineering	2017	23198354	http://www.ijarse.com/images/fullpdf/1510889425_Bang263.pdf

TIME DOMAIN ANALYSIS OF HEART RATE VARIABILITY – AN ATTEMPT TOWARDS CHARACTERIZATION OF TRENDS	Sumana Chatterjee, D.N.Tibarewala	BME	International Journal of Engineering Technology Science and Research IJETSRS, Volume 4, Issue 1	2017	ISSN 2394 – 3386	http://www.ijetsr.com/images/short_pdf/1483724966_sumana_ijetsr.pdf
CHARACTERIZATION OF NON-LINEAR HRV PARAMETERS AMONG WOMEN BY POINCARÉ ANALYSIS	Sumana Chatterjee, D.N.Tibarewala	BME	Asian Journal of Convergence in Technology ASCT, Volume 3, Issue 3	2017	ISSN 2350-1146	http://www.asianssr.org/index.php/ajct/article/view/234
Analysis of protein targets in pathogen–host interaction in infectious diseases: a case study on Plasmodium falciparum and Homo sapiens interaction network	S.Saha, K.Sengupta, P.Chatterjee, S.Basu, M.Nasipuri	CSE	<i>International journal of Briefings in Functional Genomics</i>	2017	20412649	https://www.ncbi.nlm.nih.gov/pubmed/29028886
“An FPGA Based Cascaded CBC Block Cipher through RSPNC and TE”,	Rajdeep Chakraborty and JK Mandal,	CSE	Microsystem Technologies,	2017	ISSN: 0946-7076 (print version) ISSN: 1432-1858 (electronic version),	https://link.springer.com/article/10.1007/s00542-017-3458-x
Agent Based Noise Detection Using Real Time Data Analysis Towards Green Environment	Nivedita Ray De Sarkar, Anirban Kundu, Mou De, Anupam Bera	IT	International Journal of Green Computing	2017	ISSN: 1948-5018; eISSN: 1948-5026	https://www.igi-global.com/journal/international-journal-green-computing/1175
Energy Efficient CA based Page Rank Validation Model - A Green Approach in Cloud	Arnab Mitra, Anirban Kundu	IT	International Journal of Green Computing	2017	ISSN: 1948-5018; eISSN: 1948-5026	https://www.igi-global.com/journal/international-journal-green-computing/1175

Introducing Eco Friendly Urban Traffic Control Room	Somasree Bhadra, Anirban Kundu, Sunirmal Khatua	IT	International Journal of Green Computing	2017	ISSN: 1948-5018; eISSN: 1948-5026	https://www.igi-global.com/journal/international-journal-green-computing/1175
A Cost-efficient One Time Password-based Authentication in Cloud Environment using Equal Length Cellular Automata	Arnab Mitra, Anirban Kundu, Matangini Chattopadhyay, Samiran Chattopadhyay	IT	Journal of Industrial Information Integration	2017	DOI: 10.1016/j.jii.2016.11.002	https://www.journals.elsevier.com/journal-of-industrial-information-integration
An Evolutionary Algorithm based Parameter Estimation using Pima Indians Diabetes Dataset	Chandan Banerjee, Sayak Paul, Moinak Ghoshal	IT	International Journal on Recent and Innovation Trends in Computing and Communication	2017	ISSN: 2321-8169	https://journals.indexcopernicus.com/search/details?id=32715
New Concept based Indexing for Search Engine	Soumen Swarnakar	IT	Indian Journal of Science and Technology	2017	ISSN (Print) : 0974-6846 ISSN (Online) : 0974-5645	http://www.indjst.org/
Power System State Estimation and Observability Analysis using Artificial Neural Networks	Soham Chakraborty	EE	International Journal of Computer Technology and Applications - VOL 8 ISSUE 6	2017	2229-6093	http://www.ijcta.com/documents/volumes/vol8issue6/ijcta2017080609.pdf
'Between the inner and the outer space': An investigation into the socio-cultural location of middle class and upper middle class women, against a nineteenth century nationalistic backdrop with reference to Bimala, the central woman character in Tagore's The Home and the World'	A. Basu	BES	Official journal of the Women's studies department, Lady Brabourne College	2017	2395-4299	online version unavailable

Thus my life has been blessed': Allocation and Restoration of faith in Eliot's Ash Wednesday and Tagore's Gitanjali	H. Banerjee	BES	MS Academic: An international, multidisciplinary, refereed journal	2017	2229-6484	online version unavailable
Synthesis of 6,12-Methanobenzo[d]pyrano[3,4-g][1,3]dioxocin-1(12H)-ones and Study of Their Interaction with DNA and b-Lactoglobulin	Nayim Sepay, Chayan Guha, Sanhita Maity and Asok K. Mallik	BES	European Journal of Organic Chemistry	2017	ISSN: 1099-0690	https://onlinelibrary.wiley.com/doi/pdf/10.1002/ejoc.201701224
Synthesis, characterization, and crystal structure of a four-coordinate cobalt(II) compound incorporating bis(3,5-dimethylpyrazol-1-yl)methane and cyanate	Madhusudan Nandy, Arindam Saha, and Shyamapada Shit	BES	INORGANIC AND NANO-METAL CHEMISTRY	2017	Print ISSN: 2470-1556 Online ISSN: 2470-1564	http://dx.doi.org/10.1080/24701556.2017.1284123
Trigonal dodecahedral sodium coordination in a trinuclear copper(II)-sodium complex incorporating a salen-type compartmental Schiff base	Madhusudan Nandy, Debnath Saha, Corrado Rizzoli and Shyamapada Shit		Z. Naturforsch	2017	ISSN 0932-0776	https://www.degruyter.com/view/j/znb.2017.72.issue-2/znb-2016-0208/znb-2016-0208.xml
Clitoria Ternatia- A natural indicator of use	Narayan Chandra Biswas, Gourkrishna Das Mohapatra	BES	International Journal of Pharmaceutical Research	2017	ISSN 0975-2366	http://www.ijpronline.com/ViewArticleDetail.aspx?ID=1068
Thus my life has been blessed': Allocation and Restoration of faith in Eliot's Ash Wednesday and Tagore's Gitanjali	H. Banerjee	BES	MS Academic: An international, multidisciplinary, refereed journal	2017	2229-6484	online version unavailable
Noninvasive Detection of Diabetes using Galvanic Skin Response by its Frequency Spectrum Analysis by dint of Fast Fourier Transform	Tarak Das, Prarthita Sharma & Smita Kundu	BME	International Journal of Computer & Mathematical Sciences	2017	ISSN: 23478527	http://www.academicscience.co.in/admin/resources/project/paper/f201710101507610110.pdf

A two-stage model for energy transmission and radiation analysis of laminated composite double leaf structures	Atanu Sahu, A. Guha Niyogi, M. Bose, P. Bhattacharya	CE	ASME Journal of vibration and Acoustics	2017	1048-9002	http://vibrationacoustics.asmedigitalcollection.asme.org/article.aspx?articleid=2618325
A Cost-efficient One Time Password-based Authentication in Cloud Environment using Equal Length Cellular Automata	Anirban Kundu	IT	Industrial Information Integration	2017		https://www.sciencedirect.com/science/article/pii/S2452414X1630036X
A compact analytical model of binary metal alloy silicon-on-nothing (BMASON) tunnel FET with interface trapped charges	Saheli Sarkhel, Navjeet Bagga and Subir Kumar Sarkar	ECE	Journal of Computational Electronics, Springer	2017	Online ISSN: 1572-8137	https://link.springer.com/article/10.1007/s10825-017-1030-7
Analytical Modeling and performance characterization of a Double Gate MOSFET with Dielectric Pockets incorporating workfunction engineered binary metal alloy gate electrode for subdued SCEs	Ranita Saha, Saheli Sarkhel and Subir Kumar Sarkar	ECE	IETE Technical Review, Taylor and Francis	2017	Online ISSN: 0974-5971	https://www.tandfonline.com/doi/abs/10.1080/02564602.2017.1339576
Theory of Controlled Aperture Field for Advanced Superstrate Design of a Resonance Cavity Antenna with Improved Radiations Properties	K. Dutta, D. Guha, and C. Kumar	ECE	IEEE Transactions on Antennas and Propagation	2017	Print ISSN: 0018-926X Online ISSN: 1558-2221	https://ieeexplore.ieee.org/document/7805196/
Dual Delta Bank TCR for Harmonic Reduction in 3-phase Static VAR Controllers	Susovan Mukhopadhyay, Dipten Maiti, Ambarnath Banerji, Sujit K. Biswas and Nirmal K. Deb.	EE	IEEE Transaction on Industrial Electronics	2017	1939-9367	https://ieeexplore.ieee.org/document/7959093

A Wide Range TCR with Low Current THD by Optimized Combination of Coupled Reactors and Thyristor Switching and Control	Susovan Mukhopadhyay, Dipten Maiti, Sujit K. Biswas, Ambarnath Banerji and Nirmal K. Deb	EE	IEEE Transactions on Industrial Electronics	2017	1557-9948	https://ieeexplore.ieee.org/document/8085182
Harmonic Cancellation in a Low Current THD 3-phase Thyristor Controlled Reactor using Dual Banks	Dipten Maiti, Susovan Mukhopadhyay, Ambarnath Banerji, Sujit K. Biswas and Nirmal K. Deb.	EE	IEEE Transaction on Industrial Electronics	2017	1557-9948	https://ieeexplore.ieee.org/document/7934101
An Improved Field Suppression System for SISFCL	D. Sarkar, D. Roy, A.B. Choudhury, S. Yamada	EE	IEEE Transactions on Applied Superconductivity	2017	1051-8223	https://ieeexplore.ieee.org/document/8010341
A Jiles-Atherton's Hysteresis Approach in Analysing the Effect of Field Suppression in SISFCL	D. Sarkar, D. Roy, A.B. Choudhury, S. Yamada	EE	Electric Power Components and Systems	2017	1532-5016	https://www.tandfonline.com/doi/abs/10.1080/15325008.2017.1365396?journalCode=uemp20
Mathematical modelling and harmonic analysis of SISFCL	D. Sarkar, D. Roy, A.B. Choudhury, S. Yamada	EE	COMPEL: The International Journal for Computation and Mathematics in Electrical and Electronic Engineering	2017	0332-1649	https://www.emeraldinsight.com/doi/abs/10.1108/COMPEL-03-2016-0108
Effect of two-level pedicle-screw fixation with different rod materials on lumbar spine: A finite element study	J. K. Biswas; M. Rana; S Majumdar; S. K. Karmakar; A. Roychowdhury	ME	Journal of Orthopaedic Science	2017	0949-2658	https://www.ncbi.nlm.nih.gov/pubmed/29113764

GMAW dissimilar welding of AISI 409 ferrite stainless steel to AISI 316L austenite stainless steel by using AISI 308 filler wire.	Nabendu Ghosh, Pradip Kumar Pal, Goutam Nandi	ME	Engineering Science and Technology, an International Journal, ELSEVIER PUBLICATION	2017	2215-0986	https://www.sciencedirect.com/science/article/pii/S2215098616309703
Parametric Optimization of MIG Welding on 316L Austenitic Stainless steel by Taguchi Method	Nabendu Ghosh, Pradip Kumar Pal, Goutam Nandi	ME	International Journal of Mechanical Engineering and Robotics Research	2017	2278-0149	https://www.sciencedirect.com/science/article/pii/S2212017316305527
SLM and savart Plate Based Quadruple Manchester Coding & Decoding	Animesh Bhattacharya, Amal K Ghosh, Goutam K Maity	AEIE	International Journal of Advance Research in Science & Engineering	2017	2319-8354	http://www.ijarse.com/images/fullpdf/1488255368_IF2033ijarse.pdf
Optical Quadruple Feynman Gate using SLM and Savart Plate	Animesh Bhattacharya, Goutam K Maity, Amal K Ghosh, Kazi A	AEIE	International Journal on Recent and Innovation Trends in	2017	2321-8169	http://www.ijritcc.org/download/browse/Volume_5_Issues/May_17_Volu
Detection and Percentage Calculation of Leukemic Cells in Blood Smear using Image Processing	Tarak Das, Saumadrita Kar, Arnabesh Das & Farhana Afreen	BME	International Journal of Innovations & Advancement in Computer Science	2017	ISSN:2347 – 8616	http://www.academicscience.co.in/admin/resources/project/paper/f201705281495988465.pdf
Design and Circuit based Analysis of Low Cost High Sensitive Ultrasonic Proximity Detector for Blind Person	Tarak Das	BME	International Journal of Electronics, Electrical and Computational Systems	2017	ISSN:2348-117X	http://www.academicscience.co.in/admin/resources/project/paper/f201705131494649957.pdf
Prediction of Inferior Zone Myocardial Infraction using Welch's Power Spectral Density Estimation and Discrete Cosine	Tarak Das, Sayanti Guha & Piyali Basak	BME	International Journal of Engineering Technology Science and Research	2017	ISSN 2394 – 3386	http://www.ijetsr.com/images/short_pdf/1484580200_nitttr382_ijetsr.pdf

Development and Analysis of Glass & Ceramic Based Coating Material for Orthopaedic Implants to Increase Better Bonding and Stability	Tarak Das, Nisha Banerjee & Piyali Basak	BME	International Journal of Innovative Research in Science, Engineering and Technology	2017	ISSN(Online) : 2319-8753, ISSN (Print) : 2347-6710	https://pdfs.semanticscholar.org/cc2a/da02b0d0cf8c79ca4ef0c6dbc9cdee0d80de.pdf
QLEGAND - GA BASED HYBRID MACHINE LEARNING ALGORITHM FOR IDENTIFYING THE CANCER MEDIATING GENE SET	PrithaKundu, Tania Chakraborty, OyndrilaMajumder, KritikaKumari, AnupamGhosh	CSE	International journal of engineering technology science and research	2017	ISSN 2394 – 3386	http://www.ijetsr.com/images/short_pdf/1485594556_ymca207_ijetsr_(1).pdf
Identifying Cancer Mediating Biomarkers using Partition based Indexing Algorithm(PIA) – A Study on Lung Adenocarcinoma	SubirHazra, Samir Kumar Sett, AnupamGhosh, Amlan Chakraborty	CSE	International Journal of Innovations & Advancement in Computer Science	2017	ISSN 2347 – 8616	http://www.academicscience.co.in/admin/resources/project/paper/f201701291485700591.pdf
Selection of Top k Biomarkers for Human Lung Adenocarcinoma using “FUGENE”- A Hybrid Machine Learning Approach	Rebeka Mukherjee, Seemanti Ghosh, Apeksha Priya, Shikha Kumari , Anupam Ghosh	CSE	International Journal of Computer & Mathematical Sciences	2017	ISSN: 2347 – 8527	http://academicscience.co.in/admin/resources/project/paper/f201705301496163743.pdf
Hand Written Digit Recognition using Convolutional Neural Network (CNN)	Nimisha Jain, Kumar Rahul , Ipshita Khamaru, Anish Kumar Jha, Anupam Ghosh	CSE	International Journal of Innovations & Advancement in Computer Science	2017	ISSN: 2347 – 8616	http://academicscience.co.in/admin/resources/project/paper/f201705301496163444.pdf
Classification of Gene Expression Data using Gaussian Restricted Boltzmann Machine (GRBM) – An Application on Human Lung Adenocarcinoma data	Jit Gupta, Indranil Pradhan, Anupam Ghosh	CSE	International Journal on Recent and Innovation Trends in Computing and Communication	2017	ISSN: 2321 – 8169	http://www.ijritcc.org/download/browse/Volume_5_Issues/June_17_Volume_5_Issue_6/1496815714_07-06-2017.pdf

A New Harmonic Reduced 3-phase Thyristor Controlled Reactor for StaticVar Compensators	Susovan Mukhopadhyay, Dipten Maiti, Ambarnath Banerji, Sujit K. Biswas and Nirmal K. Deb.	EE	IEEE Transaction on Industrial Electronics	2017	1557-9948	https://ieeexplore.ieee.org/document/7902187
A Bicluster-based Sequential Interpolation Imputation Method for Estimation of Missing Values in Microarray Gene Expression Data	Chandra Das, Shilpi Bose, Samiran Chattopadhyay, Matangini Chattopadhyay, Alamgir Hossain	CSE	Current Bioinformatics, Bentham Science	2017	ISSN(Print): 1574-8936 ISSN (Online): 2212-392X	https://benthamscience.com/journals/current-bioinformatics/volume/12/issue/2/
A novel accelerated artificial bee colony algorithm for optimal design of two dimensional FIR filter	S. Dhabal and P. Venkateswaran	ECE	Multidimensional Systems and Signal Processing, Springer	2017	ISSN: 0923-6082 (print version) ISSN: 1573-0824 (electronic version)	https://link.springer.com/article/10.1007/s11045-015-0352-5
An Efficient Gbest-guided Cuckoo Search Algorithm for Higher Order Two Channel Filter Bank Design	S. Dhabal and P. Venkateswaran	ECE	Swarm and Evolutionary Computation, Elsevier	2017	ISSN: 2210-6502	https://www.sciencedirect.com/science/article/abs/pii/S2210650216303509
Parametric Optimization of Gas Metal Arc Welding process by PCA-based Taguchi method on Ferritic stainless steel AISI409	Nabendu Ghosh, Pradip Kumar Pal, Goutam Nandi	ME	Material Today: Proceedings, ELSEVIER PUBLICATION	2017	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785317311033
Parametric Optimization of Gas Metal Arc Welding process by using Taguchi method on Ferritic stainless steel AISI409	Nabendu Ghosh, Ramesh Rudrapati, Pradip Kumar Pal, Goutam Nandi	ME	Material Today: Proceedings, ELSEVIER PUBLICATION	2017	2214-7853	https://www.sciencedirect.com/science/article/pii/S221478531730264X

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Free vibration Characteristics of functionally graded pre-twisted conical shells under rotation	Das. A and Karmakar A	ME	Journal of The Institution of Engineers (India): Series C	2017	ISSN: 2250-0545 (print version) ISSN: 2250-0553 (electronic version)	https://link.springer.com/article/10.1007/s40032-017-0378-6
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An efficient synthesis of 1,3-dimethyl-5-(2-phenyl-4H-chromen-4-ylidene) pyrimidine-2,4,6(1H,3H,5H)-triones and investigation of their interactions with β -lactoglobulin	Nayim Sepay, Chayan Guha, Arpan Kool and Asok K. Mallik	BES	RSC Advances	2016	ISSN: 2046-2069	https://pubs.rsc.org/en/content/articlelanding/2016/ra/c6ra13584f#!divAbstract
Synthesis, crystal structure and fluorescence properties of two dinuclear zinc(II) complexes incorporating tridentate (NNO) Schiff bases	Shyamapada Shit, Madhusudan Nandy, Dipankar Saha, Lei Zhang, Wolfgang Schmitt, Corrado Rizzoli & Tayur N. Guru Row	BES	Journal of Coordination Chemistry	2016	ISSN: 0095-8972 Online ISSN: 1029-0389	https://www.tandfonline.com/doi/full/10.1080/00958972.2016.1197390
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A study on non-linear post-buckling behavior of tapered Timoshenko beam made of functionally graded material under in-plane thermal loadings	Amlan Paul, Debabrata Das	ME	The Journal of Strain Analysis for Engineering Design	2016	0309-3247	journals.sagepub.com/doi/abs/10.1177/0309324716671857
Parametric Optimization of dissimilar welding of AISI 409 ferritic stainless steel to AISI 316L Austenitic stainless steel by using PCA method	Nabendu Ghosh, Pradip Kumar Pal, Goutam Nandi	ME	Journal of Achievements in Material and Manufacturing Engineering.	2016	ISSN 1734-8412	www.journalamme.org/fulltxt.php?ICID=1227682
Parametric Optimisation of Gas Metal Arc Welding process by using grey based Taguchi method on AISI 409 ferritic stainless steel	Nabendu Ghosh, Pradip Kumar Pal, Goutam Nandi	ME	Technological Engineering	2016	ISSN 1336-5967	https://www.sciencedirect.com/science/article/pii/S2214785317311033
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Parametric Optimization of Submerged Arc Welding of dissimilar mild steel and ferritic stainless steel using Taguchi method.	Ramesh Rudrapati, Kumar, Pradip Kumar Pal, Goutam Nandi	ME	International Journal of advances in Production and Mechanical Engineering.	2016	2394-6202	www.researchgate.net/publication/320923356_Parametric_optimization_of_submerged_arc_welding_of_dissimilar_mild_steel_and_ferritic_stainless_steels_using_Taguchi_method

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