

Number of research papers per teachers in the Journals notified on UGC website during the last five years

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication
A review on Propagation-Invariant and Quasi-Propagation-Invariant Beams	Rijuparna Chakranorty, Ajay Ghosh and Ajoy Kumar Chakraborty	Electronics and Communication Engineering	Asian Journal of Physics	Submitted
Graph based Ensemble Classification for Crime Report Prediction	Priyanka Das	Bachelors's in Computer Application, M.Sc(CS)	Applied Soft Computing	under review (after minor revision)
A hybrid deep neural network model for gender recognition using audio speech	Dr. Soumi Dutta	Bachelors's in Computer Application, M.Sc(CS)	Applied Intelligence	Accepted

Exploring Appropriate ERP Framework towards Indian Small and Medium Enterprises using Decision Tree	Aveek Basu, Sraboni Dutta, Sanchita Ghosh	Information Technology	International Journal of Business Intelligence and Data Mining	2022(Accepted)
Quantum Cryptography - A Theoretical Overview	Indranil Basu	Electronics & Communication Engineering	Journal of Quantum Computing	2022
A new fraction phase based low energy frequency calibration architecture along with an ultra low power VCO design	Amitava Ghosh	Electronics & Communication Engineering	Analog Integrated Circuits & Signal Processing	2021 (Accepted)
Block-A-City: An Agricultural Application Framework using Blockchain for Next Generation Smart Cities	Dr. Moutushi Singh	Information Technology	IETE Journal of Research	2022

Density- Aware Replica Server Placement for Utilization Enhancement	Dr. Darothi Sarkar	Computer Science Engineering	Inderscience, International Journal of Advanced Intelligence Paradigms	2022
Efficient Data Mining Model for Question Retrieval and Question Analytics using Semantic Web Framework in Smart E-Learning Environment	Subhabrata Sengupta, Anish Banerjee, Satyajit Chakrabarti	Information Technology	International Journal of Emerging Technologies in Learning	2022
Microstructural Analysis of Copper Foil Etched and Annealed in ECR Plasma Reactor	Samit Karmakar*, Soumik Kumar Kundu, Aditya Mukherjee, Sujit Kumar Bandyopadhyay, Satyaranjan Bhattacharyya, Gouranga Sundar Taki	Electronics and Communication Engineering	Materials Science Forum	2022
Studies on Copper Nanometric-Film Deposited by an In-House Developed DC Magnetron Sputtering System	Soumik Kumar Kundu*, Samit Karmakar, Sujit Kumar Bandyopadhyay, Satyaranjan Bhattacharyya, Gouranga Sundar Taki	Electronics and Communication Engineering	Materials Science Forum	2022

<p>A Complete Arithmetic Calculator Constructed from Spiking Neural P Systems and its Application to Information Fusion</p>	<p>Dr. Prithwineel Paul</p>	<p>Computer Science Engineering</p>	<p>International Journal of Neural Systems</p>	<p>2021</p>
<p>A Comprehensive Analysis of the Possible Impact of the COVID-19 Pandemic on the Growth and Development of Children</p>	<p>Samapika Das Biswas</p>	<p>Basic Science &amp; Humanities</p>	<p>The International Journal of Indian Psychology</p>	<p>2021</p>
<p>A Comprehensive Study of Pros and Cons on Implementation of Blockchain for IoT Device Security</p>	<p>Indraneel Mukhopadhyay</p>	<p>Information Technology</p>	<p>The "Essence" of Network Security: An End-to-End Panorama. Lecture Notes in Networks and Systems</p>	<p>2021</p>
<p>A Critical Overview on Quantum Computing</p>	<p>Dr. Amit Kumar Mandal</p>	<p>Information Technology</p>	<p>Journal of Quantum Computing</p>	<p>2021</p>

<p>A Formal Construct of Altruism as a Parameter of Socio-economic Development</p>	<p>Sourav Banerjee</p>	<p>Master of Business Administration</p>	<p>Journal of Social Science and Humanities Research</p>	<p>2021</p>
<p>A model of strategic communication for clinical premises based on Perceived risk of NCDs: A study of Kolkata, India</p>	<p>Dr. Soumik Gangopadhyay</p>	<p>Bachelor of Business Administration</p>	<p>International Journal of Business Innovaton and Research</p>	<p>2021</p>
<p>A Novel Spiking Neural P System for Image Recognition.</p>	<p>Dr. Prithwineel Paul</p>	<p>Computer Science Engineering</p>	<p>International Journal of Unconventional Computing</p>	<p>2021</p>
<p>A Review of Power System Fault Diagnosis with Spiking Neural P Systems</p>	<p>Dr. Prithwineel Paul</p>	<p>Computer Science Engineering</p>	<p>Applied Sciences</p>	<p>2021</p>

<p>A shortest path problem in a stochastic network with exponential travel time</p>	<p>Bidushi Chakraborty</p>	<p>Bachelor of Business Administration</p>	<p>International Journal of Applied Management Science</p>	<p>2021</p>
<p>A strong intuitionistic fuzzy feature association map - based feature selection technique for high-dimensional data</p>	<p>Amit Kumar Das, Saptarsi Goswami, Amlan Chakrabarti &amp; Basabi Chakraborti</p>	<p>Computer Science Engineering</p>	<p>Sadhana journal</p>	<p>2021</p>
<p>A survey of learning P systems and a Novel Instance</p>	<p>Dr. Prithwineel Paul</p>	<p>Computer Science Engineering</p>	<p>International Journal of Unconventional Computing</p>	<p>2021</p>
<p>A two-loop group formation tracking control scheme for networked tri-rotor UAVs using an ARE-based approach</p>	<p>Shantanu Bhadra, Parijat Bhowmick, Atanu Panda</p>	<p>Electrical Engineering</p>	<p>Asian Journal of Control</p>	<p>2021</p>

Accuracy Enhancement of Epileptic Seizure Detection: A Deep Learning Approach with Hardware Realization of STFT.	Sai Manohar Beeraka, Abhash Kumar, Mustafa Sameer, Sanchita Ghosh & Bharat Gupta	Information Technology	Circuits, Systems, and Signal Processing	2021
Altruistic Behavioral Grid - Economic Development to Economic Collapse	Sourav Banerjee	Master of Business Administration	International Journal of Humanities and Social Science Research	2021
An Adaptive Optimization Spiking Neural P System for Binary Problems	Dr. Prithwineel Paul	Computer Science Engineering	International Journal of Neural Systems	2021
An intelligent edge enabled 6G-flying ad-hoc network ecosystem for precision agriculture	Ayan Kumar Panja	Computer Science & Engineering (AIML),CSBS	Journal of Ambient Intelligence and Smart Environments	2021

Analysing the Cloud Efficacy by Fuzzy Logic	Aveek Basu, Dr. Sanchita Ghosh, Dr. Sraboni Dutta	Information Technology	International Journal of Business Information Systems	2021
Assessment of changes in land use, land cover, and land surface temperature in the mangrove forest of Sundarbans, northeast coast of India	Dr. Phani Bhusan Ghosh	Basic Science & Humanities	Environment Development and Sustainability	2021
AUGChain: blockchain-based mobile user authentication scheme in global mobility network	Palit, S.K., Chakraborty, M., and Chakraborty, S.	Computer Science Engineering	The Journal of Supercomputing	2021
Automatic Covid-19 detection from X-Ray Images using Ensemble Learning with Convolutional Neural Network	Prof. Amit Kumar Das	Computer Science Engineering	Pattern Analysis and Applications	2021

Automatic Design of Spiking Neural P Systems Based on Genetic Algorithms	Dr. Prithwineel Paul	Computer Science Engineering	International Journal of Unconventional Computing	2021
Banking Transaction Considerations on Standardized Browser Architecture	Abir Ghosh, Indraneel Mukhopadhyay	Information Technology	Lecture Notes on Data Engineering and Communications Technologies	2021
Blockchain-Based Framework for Managing Customer Consent in Open Banking	Indraneel Mukhopadhyay, Abir Ghosh	Information Technology	The "Essence" of Network Security: An End-to-End Panorama. Lecture Notes in Networks and Systems	2021
Challenges Encountered by Healthcare Providers in COVID-19 Times: An Exploratory Study	Mitali Sengupta, Arijit Roy, Arnab Ganguly, Kuldeep Baishya, Satyajit Chakrabarti, Indraneel Mukhopadhyay	Information Technology	Journal of Health Management	2021

Clustering Using Cyclic Spaces of Reversible Cellular Automata	Prof. Sukanya Mukherjee	Computer Science Engineering	Complex Systems	2021
Comparison of Spin-Wave Modes in Connected and Disconnected Artificial Spin Ice Nanostructures Using Brillouin Light Scattering Spectroscopy	Dr. Saswati Barman	Basic Science & Humanities	ACS Nano	2021
Cyber Security Issues in the COVID 19 Times	Moutushi Biswas, Indraneel Mukhopadhyay	Information Technology	Lecture Notes on Data Engineering and Communications Technologies	2021
Data Mining: An Emerging Approach Toward Business Decision Making	Prasenjit Kundu, Pujadey	Master of Business Administration	AMERICAN JOURNAL OF BUSINESS AND MANAGEMENT RESEARCH	2021

Deep Learning based Potential Ligand Prediction Framework for COVID-19 with Drug-Target Interaction Model	S. Majumdar, S. Nandi, S. Ghoshal, N. Dutta Roy	Computer Science Engineering	Cognitive Computation	2021
Deep Learning based Potential Ligand Prediction Framework for COVID-19 with Drug-Target Interaction Model	Bavrabi Ghosh	Computer Science and Engineering	Cognitive Computation	2021
Deep Level Analysis of Legitimacy in Bengali News Sentences	Prof. Soma Das	Computer Science Engineering	ACM Transactions on Asian and Low-Resource Language Information Processing	2021
Design And Development Of A Modified De' Sauty Bridge Network For Accurate Measurement Of Process Variables By Variable Parameter Transducers And its Application In Temperature And Level Measurement System	M. Bandyopadhyay, S. Chattopadhyay, S. C. Kolay, N. Mandal	Electrical Engineering	IEEE Transactions on Instrumentation and Measurement	2021

Design of 2:4 and 3:8 decoder circuit using QCA technology”	Ratna Chakrabarty, Niranjan Kumar Mandal	Electronics and Communication Engineering	Nanosystems : Physics, Chemistry, Mathematics.	2021
Design of basic logic gates using optical threshold logic	Mili Sarkar, Rijuparna Chakraborty, Gouranga Sundar Taki, Ajoy Kumar Chakraborty	Electronics and Communication Engineering	Engineering Research Express(IOP Publishing)	2021
Design of Encoder Circuit Using Layered NAND and NOR Gates in Quantum Dot Cellular Automata	Ratna Chakrabarty, Niranjan Kumar Mandal	Electronics and Communication Engineering	International Journal of Nanoscience and Nanotechnol ogy	2021
Designing GA based effective transmission strategies for intra-WBAN communication	Moumita Roy	Computer Science & Engineering (AIML),CSBS	Biomedical Signal Processing and Control	2021

Detection of spreader nodes in human-SARS-CoV protein-protein interaction network	Dr. Sovan Saha	Computer Science & Engineering (AIML),CSBS	PeerJ	2021
Disease Prediction from Drug Information using Machine Learning	Prof. Sainik Kumar Mahata	Computer Science Engineering	American Journal of Electronics & Communication	2021
Dissolved Gas Analysis for Transformer Fault Based on Learning Spiking Neural P System with Belief AdaBoost.	Dr. Prithwineel Paul	Computer Science Engineering	International Journal of Unconventional Computing	2021
Drug repurposing for COVID-19 using computational screening: Is Fostamatinib/ R406 a potential candidate?	Dr. Sovan Saha	Computer Science & Engineering (AIML),CSBS	Methods	2021

Dual-element Multiple-Input-Multiple-Output System for Sub-6 GHz (5G) and WLAN Applications with Enhanced Isolation	Dr. Manas Midya	Electronics & Communication Engineering	Progress In Electromagnetics Research M	2021
Dynamics of cardiovascular muscle using nonlinear symmetric oscillator	Soumendu Bhattacharjee, Aishwarya Banerjee, Swati Chowdhuri, Amit Rakshit, Biswajit Sarkar	Electrical and Electronics Engineering	Journal of Geometry and Symmetry in Physics	2021
Effects of Ion-Slip and Hall Currents on MHD Nanofluid Flow with Thermal Diffusion Using Spectral Quasi-Linearization Method	Sharmistha Ghosh	Basic Science & Humanities	Journal of Nanofluids	2021
Energy response and fast timing characteristics of 1.5" x 1.5" CeBr <sub>3</sub> scintillator	Dr. Ranabir Banik	Basic Science & Humanities	Nuclear Inst. and Methods in Physics Research, A	2021

Ensemble Approach for Identifying Medical Concepts with Special Attention to Lexical Scope	Mondal, A. and Das, D.	Computer Science Engineering	Sadhana journal	2021
Experimental evidence of exact E(5) symmetry in 82Kr	Dr. Ranabir Banik	Basic Science & Humanities	PHYSICAL REVIEW C	2021
iGridEdgeDrone: Hybrid Mobility Aware Intelligent Load Forecasting by Edge Enabled Internet of Drone Things for Smart Grid Networks	Amartya Mukherjee	Computer Science & Engineering (AIML),CSBS	International Journal of Parallel Programming , Springer	2021
Implementation of Kernel P Systems in CUDA for Solving NP-hard Problems.	Dr. Prithwineel Paul	Computer Science Engineering	International Journal of Unconventional Computing	2021

Influencer Marketing in Social Media Context	Kaushik Kumar Ganguly	Master of Business Administration	IRTM 2021 Conference Proceedings - Published by Taylor and Francis	2021
In-silico study of toxicity mechanisms for metabolites of phyto-compounds from musa sp. Compared to synthetic medicine ranitidine	Dibakar Roy Choudhury	Basic Science & Humanities	International Journal of Pharmaceutical Sciences and research	2021
Internet users beware, you follow online health rumors (more than counter-rumors) irrespective of risk propensity and prior endorsement	Dr. Anjan Pal	Computer Science Engineering	it & People	2021
Investigating the roles of sentiment in machine translation	Prof. Sainik Kumar Mahata	Computer Science Engineering	Machine Translation	2021

Investigating The Social Aging Process Through Data Mining	Raul De*, Udit Roy**, Prasenjit Kundu ***, Saptaparna Ghosh	Master of Business Administration	AMERICAN JOURNAL OF BUSINESS AND MANAGEMENT RESEARCH	2021
iSocialDrone: QoS aware MQTT middleware for social internet of drone things in 6G-SDN slice	Amartya Mukherjee	Computer Science & Engineering (AIML),CSBS	Soft Computing, Springer	2021
Kalighat Paintings as a medium of communication in Colonized Bengal province	Riya Barui	Basic Science & Humanities	International Journal of English Learning and Teaching Skills	2021
Magnonic Crystals with Complex Geometry	Dr. Saswati Barman	Basic Science & Humanities	Phys. Rev B	2021

Mathematical Modeling of Pulsatile flow of non-Newtonian fluid through a constricted artery	Biswadip Basu Mallik	Basic Science & Humanities	Mathematical Modelling of Engineering Problems(M MEP)	2021
Media addiction and its Potential Influence on Children in this Pandemic Circumstance	Samapika Das Biswas	Basic Science & Humanities	The International Journal of Indian Psychology	2021
Modelling of InAs nanowire and MOSFET under phonon emission and absorption by using NEGF formalism	Kaushik Mazumdar,Subindu Saha, Sk Rejuan Ali	Information Technology	Superlattices and Microstructur es	2021
Modification of De' Sauty Bridge Network for Accurate Measurement of Process Variables by Variable Parameter Transducers	M. Bandyopadhyay	Electrical Engineering	IEEE Transactions on Instrumentati on and Measuremen t	2021

Modified FPred-Apriori: improving function prediction of target proteins from essential neighbours by finding their association with relevant functional groups using Apriori algorithm	Dr. Sovan Saha	Computer Science & Engineering (AIML),CSBS	International Journal of Advanced Intelligence Paradigms	2021
Multi-behaviors coordination controller design with enzymatic numerical P systems for robots	Dr. Prithwineel Paul	Computer Science Engineering	International Journal of Unconventional Computing	2021
Nanochannels for spin-wave manipulation in Ni80Fe20 nanodot arrays	Dr. Saswati Barman	Basic Science & Humanities	Journal of Magnetism and Magnetic Materials	2021
Nash Bargaining in Resource Allocation for Cognitive Radio: A Review	Swagata Roy Chatterjee, Sreya Ghosh and Mohuya Chakraborty	Computer Science Engineering	Wireless Personal Communications	2021

Negative Effects Of Internet On Students	Samapika Das Biswas	Basic Science & Humanities	International Journal of Humanities and Social Science	2021
New lifetime measurement for the 2+1 level in $^{112}\text{Sn}$ by the Doppler-shift attenuation method	Dr. Ranabir Banik	Basic Science & Humanities	Physical Review C	2021
Non-uniform nonlinear cellular automata with large cycles and their application in pseudo-random number generation	Sukanya Mukherjee	Computer Science Engineering	Internation Journal of Modern Physics C	2021
Observation of Magnon-Magnon Coupling with High Cooperativity in $\text{Ni}_{80}\text{Fe}_{20}$ Cross-shaped Nanoring Array	Dr. Saswati Barman	Basic Science & Humanities	Nanotechnology	2021

On homomorphic images of the Szilard languages of matrix insertion-deletion systems with matrices of size 2	Dr. Prithwineel Paul	Computer Science Engineering	Journal of Membrane Computing	2021
On outage analysis of nonlinear radio frequency energy harvesting based cooperative communication in cognitive radio network	Sutanu Ghosh	Electronics and Communication Engineering	Transactions on Emerging Telecommunications Technologies	2021
On outage analysis of non-linear radio frequency energy harvesting based cooperative communication in cognitive radio network	Sutanu Ghosh	Electronics and Communication Engineering	Telecommunication Systems (Springer)	2021
On spectrally-efficient device-to-device communication with wireless information and power transfer	Sutanu Ghosh	Electronics and Communication Engineering	Transactions on Emerging Telecommunications Technologies (Wiley)	2021

Opinion Mining: A Silent Warrior for Business Forecast	Saptaparna Ghosh, Writaparna Mukherjee & Prasenjit Kundu	Master of Business Administration	Pensee	2021
Optimization of bone graft shapes of S type cervical cage through Genetic Algorithm" in journal	Dr. Goldina Ghosh	Bachelors's in Computer Application, M.Sc(CS)	Accepted In International Journal for Multiscale Computational Engineering	2021
PB-3PAKA: Password-based three-party authenticated key agreement protocol for mobile devices in post-quantum environments	Sk Hafizul Islam, Swagatam Basu	Information Technology	Journal of Information Security and Applications	2021
Phytoremediation Potential of Elements By Weed Species Around Solid Waste Dumping Ground, Berhampur, West Bengal, India	Dr. Phani Bhusan Ghosh	Basic Science & Humanities	Pollution Research	2021

Polymer nanoparticles- preparations, applications and future insights: a concise review	Dr. Chandan Adhikari	Basic Science & Humanities	Polymer- Plastics Technology and Materials	2021
Positioning of private label brands of men's apparel against National Brands	Dr. Swati Mukherjee	Masters in Business Administration	Journal of Marketing Analytics	2021
Pushable chromatic number of graphs with degree constraints	Soumen Nandi	Basic Science & Humanities	Discrete Mathematics	2021
QoS-aware 6G-enabled ultra low latency edge- assisted Internet of Drone Things for real- time stride analysis	Amartya Mukherjee	Computer Science & Engineering (AIML),CSBS	Computer & Electrical Engineering, Elsevier	2021

Quantum Cryptography– A Theoretical Overview	Dr. Amit Kumar Mandal	Information Technology	Journal of Quantum Computing	2021
Reachability problem in non-uniform cellular automata	Sukanya Mukherjee	Computer Science Engineering	Information Sciences	2021
Realization of combinational logic circuits using Standard Functions in Quantum Dot Cellular Automata	Ratna Chakrabarty, Niranjan Kumar Mandal	Electronics and Communication Engineering	Nanosystems : Physics, Chemistry, Mathematics.	2021
RElectronics and Communication Engineeringnt Developments in Preparation and Applications of Metal Organic Framework: A Concise Review	Dr. Chandan Adhikari	Basic Science & Humanities	Asian Journal of Chemistry	2021

Refractive index sensing performances for single -metal and bimetallic Tamm plasmon configurations with an investigation of different structural configurations dependency	Arnav Dasgupta, Rintu Kr. Gayen & Partha Sona Maji	Electronics and Communication Engineering	Optical and Quantum Electronics	2021
Relevant Influence of Semantic Web Framework on Smart E-Learning Environment	Subhabrata Sengupta, Anish Banerjee, Satyajit Chakrabarti	Information Technology	International Journal of Emerging Technologies in Learning	2021
Research Study on Talent Retention in Pharmaceutical Organizations of India	Dr. Anuroopa Mahajan	Master of Business Administration	American Journal of Business & Management Research	2021
Resonant amplification of intrinsic magnon modes and generation of new extrinsic modes in a two-dimensional array of interacting multiferroic nanomagnets by surface acoustic waves	Dr. Saswati Barman	Basic Science & Humanities	Nanoscale	2021

Rethinking Diasporic,Cultural and Religious Identity through the Eyes of Celluloid (in Press)	Abhishikta Bhattacharjee	Basic Science & Humanities	International Journal of English Learning & Teaching Skills	2021
Reversible Cellular Automata: A Natural Clustering Technique	Prof. Sukanya Mukherjee	Computer Science Engineering	Journal of Cellular Automata	2021
Roadmap Towards Predictive HR Analytics	Ptasenjit Kundu,Priya Majumdar and Sayani Mukherjee	Master of Business Administration	AMERICAN JOURNAL OF BUSINESS AND MANAGEMENT RESEARCH	2021
Routing decisions for Buddhist pilgrimage: an elitist genetic algorithm approach	Bidushi Chakraborty	Bachelor of Business Administration	International Journal of System Assurance Engineering and Management	2021

Securing Cloud Virtual Machine Image using Ethereum Blockchain	Srijita Basu	Computer Science Engineering	International Journal of Information Security and Privacy (IJISP)	2021
Shoreline changes and its impact on the mangrove ecosystems of some islands of Indian Sundarbans, North-East coast of India	Dr. Phani Bhusan Ghosh	Basic Science & Humanities	Journal of Cleaner Production	2021
Shoreline changes and its impact on the mangrove ecosystems of some islands of Indian Sundarbans, North-East coast of India	Phanibhusan Ghosh	Basic Science & Humanities	Journal of Cleaner Production	2021
Simplified approach of investigation of binding energy for fermionic pairing in two dimensional Fermi liquid type superconducting materials at finite low temperature	Soumyadipta Pal	Basic Science & Humanities	Physica C: Superconductivity and its applications	2021

Solving one-dimensional advection diffusion transport equation by using CDV wavelet basis	Avipsita Chatterjee, Mm Panja, U Basu, D Datta, Bn Manda	Information Technology	Indian Journal of Pure and Applied Mathematics	2021
Synthesis of Non-uniform Cellular Automata with Large Cycles and Their Application in Pseudo-Random Number Generation	Mukherjee, S., Bhattacharjee, K., Das, S	Computer Science Engineering	International Journal of Modern Physics C	2021
Testing and Diagnosis of Digital Microfluidic Biochips using Multiple Droplets	Sourav Ghosh , Surajit Kumar Roy, Chandan Giri	Computer Science Engineering	Journal of Electronic Testing: Theory and Applications	2021
The assessment of carbon dioxide (co2) adsorption and spatial biomass distribution mapping in the reservoir of hinboun hydropower project	Biswadip Basu Mallik	Basic Science & Humanities	Journal of Mathematical Sciences & Computational Mathematics( JMSCM)	2021

<p>The resistivity upturn in Ni-Mn-In alloys exhibiting magnetic field induced shift in martensitic transition with and without Co doping</p>	<p>Soumyadipta Pal</p>	<p>Basic Science &amp; Humanities</p>	<p>Journal of Alloys and Compounds</p>	<p>2021</p>
<p>"This Will Blow Your Mind": Examining the urge to click clickbaits</p>	<p>Dr. Anjan Pal</p>	<p>Computer Science Engineering</p>	<p>Aslib Journal of Information Management</p>	<p>2021</p>
<p>Time Series Analysis of COVID-19 Data to Study the Effect of Lockdown and Unlock in India</p>	<p>Ayan Kumar Panja</p>	<p>Computer Science &amp; Engineering (AIML), CSBS</p>	<p>Journal of The Institution of Engineers (India): Series B - Springer</p>	<p>2021</p>
<p>Time varying Splicing recognizers.</p>	<p>Dr. Prithwineel Paul</p>	<p>Computer Science Engineering</p>	<p>Springer Nature Computer Science,</p>	<p>2021</p>

Tropospheric Scintillation at -Band Over a Hilly Tropical Region	Tapan Kumar Rana	Electronics and Communication Engineering	IEEE Antennas and Wireless Propagation Letters	2021
Uncertainty and affluent teenagers' luxury buying-decision: The role of avoidance-related indecisiveness	Dr. Rabin Mazumder	Bachelor of Business Administration	Journal of Retailing and Consumer Services	2021
Unified by COVID-19 : Healthcare Lessons Learned from USA, China and India	Mitali Sengupta , Arijit Roy , S B Raha, Satyajit Chakrabarti, Indraneel Mukhopadhyay	Information Technology	Journal of the Indian Medical Association	2021
Unsupervised Learning Based Evaluation of Player Performances	Avijit Bose, Sannoy Mitra, Souham Ghosh, Raima Ghosh, Tiyash Patra & Satyajit Chakrabarti	Information Technology	Innovations in Systems and Software Engineering	2021

Urban Planning in Response to Global Pandemic to Efficiently Absorb Pandemic Shocks: Psychological Aspect	Samapika Das Biswas	Basic Science & Humanities	International Journal of English Learning & Teaching Skills	2021
When the going gets tough, the tough gets going - A Study on Healthcare, Societal and Financial Challenges faced by Survivors of Covid19	Mitali Sengupta, Indraneel Mukhopadhyay, Satyajit Chakrabarti	Information Technology	Sustainable Marketing and Customer Value	2021
A brief idea on the homomorphic encryption for data security	Biswadip Basu Mallik	Basic Science & Humanities	Journal of Mathematical Sciences & Computational Mathematics( JMSCM)	2020
A compact circularly polarized isosceles triangular microstrip patch antenna with parasitic elements for Multi-band application	M. Shaw, N. Mandal and M. Gangopadhyay	Electronics & Communication Engineering	Microwave and Optical Technology Letters	2020

A compact polarization reconfigurable stacked microstrip antenna for WiMAX application	M. Shaw, N. Mandal and M. Gangopadhyay	Electronics & Communication Engineering	International Journal of Microwave and Wireless Technologies	2020
A complete characterization of smoothness in the space of bounded linear operators	Anubhab Ray	Basic Science & Humanities	Linear and Multilinear Algebra	2020
A Critical Overview on Quantum Computing	Indranil Basu	Electronics & Communication Engineering	Journal of Quantum Computing	2020
A De novo approach for automatic volume and mass estimation of fruits and vegetables	Susovan Jana, Ranjan Parekh, Bijan Sarkar	Information Technology	Optik	2020

A Formal Construct of Power - A Parameter for Economic Development	Sourav Banerjee, Writaparna Mukherjee	Master of Business Administration	Journal of the Social Sciences	2020
A Formal Construct of Power A Parameter of Economic Development	Sourav Banerjee, Writaparna Mukherjee	Master of Business Administration	Journal of the Social Sciences	2020
A low profile miniaturized circular microstrip patch antenna for Dual-band application	M. Shaw, N. Mandal and M. Gangopadhyay	Electronics & Communication Engineering	Journal of RF-Engineering and Telecommunications	2020
A Low-Cost, Wide-Range, CCT-Tunable, Variable-Illuminance LED Lighting System	Rajib Malik	Electrical Engineering	LEUKOS	2020

<p>A Mathematical Model of Blood Flow in a Catheterized artery with multiple stenoses</p>	<p>Biswadip Basu Mallik</p>	<p>Basic Science &amp; Humanities</p>	<p>American Journal of Advanced Computing</p>	<p>2020</p>
<p>A Membrane-Inspired Algorithm with Exchange-Tree Mechanism for Traffic Network Transportation Optimization Problem.</p>	<p>Dr. Prithwineel Paul</p>	<p>Computer Science Engineering</p>	<p>International Journal of Unconventional Computing,</p>	<p>2020</p>
<p>A Novel Methodology for Vessel Extraction from Retinal Fundus Image and Detection of Neovascularization</p>	<p>S. Das, N. Dutta Roy, A. Biswas, S. K. Saha</p>	<p>Computer Science Engineering</p>	<p>Multimedia Tools and Applications</p>	<p>2020</p>
<p>A proposed health monitoring system using fuzzy inference system, Proceedings of the Institution of Mechanical Engineering Engineers,</p>	<p>Dr. Goldina Ghosh</p>	<p>Bachelors's in Computer Application, M.Sc(CS)</p>	<p>Part H: Journal of Engineering in Medicine, Publisher - SAGE Publications,</p>	<p>2020</p>

<p>A review on non-unique representations of positive integers as <math>2^x + 3^y</math> for non-negative integers <math>x</math> and <math>y</math></p>	<p>Biswadip Basu Mallik</p>	<p>Basic Science &amp; Humanities</p>	<p>Journal of Mathematical Sciences &amp; Computational Mathematics( JMSCM)</p>	<p>2020</p>
<p>A Study on the relationship between customer loyalty and customer trust in online shopping</p>	<p>Dr. Rabin Mazumder</p>	<p>Bachelor of Business Administration</p>	<p>International Journal of Online Marketing</p>	<p>2020</p>
<p>An Eco Friendly Substitute of Asphalt Binder – Review</p>	<p>Dibakar Roy Choudhury</p>	<p>Basic Science &amp; Humanities</p>	<p>International Journal of Chemical and Environmental Sciences</p>	<p>2020</p>
<p>An information-theoretic graph-based approach for feature selection</p>	<p>Amit Kumar Das, Sahil Kumar, Samyak Jain, Saptarsi Goswami, Amlan Chakrabarti and Basabi Chakraborty</p>	<p>Computer Science Engineering</p>	<p>Sadhana- academy Proceedings in Engineering Sciences</p>	<p>2020</p>

<p>An Innovative Approach of Selecting Cloud Provider through Service Level Agreements</p>	<p>Aveek Basu, Dr. Sanchita Ghosh, Dr. Sraboni Dutta</p>	<p>Information Technology</p>	<p>International Journal of Business Information Systems</p>	<p>2020</p>
<p>An investigation on the effect of different coated electrodes on the surface quality of WEDM by varying discharge energy level</p>	<p>Bikash Choudhuri Et Al.</p>	<p>Mechanical Engineering</p>	<p>The International Journal of Advanced Manufacturing Technology</p>	<p>2020</p>
<p>An iterative Power Regulation Technique in Emergency Cognitive Radio Network based on Firefly Algorithm</p>	<p>S. R. Chatterjee, S. Dhabal, S. Chakraborti, and M. Chakraborty,</p>	<p>Computer Science Engineering</p>	<p>International Journal of Sensors, Wireless Communications and Control, Bentham</p>	<p>2020</p>
<p>Analysis of heat transfer around bluff bodies with variable inlet turbulent intensity: A numerical simulation</p>	<p>Sudhir Chandra Murmu Et Al.</p>	<p>Mechanical Engineering</p>	<p>International Communications in Heat and Mass Transfer</p>	<p>2020</p>

AntElectronics and Communication Engineeringdents and consequences of organizational commitment in school education sector	Dr. Rabin Mazumder	Bachelor of Business Administration	International Journal of organizationa l Analysis (Emerald Publishing)	2020
Application of Fluorescence spectroscopy in the field of cancer treatment	Dr. Kakoli Datta	Basic Science & Humanities	International Journal of Innovative Research in Physics	2020
BCS theory of superconductivity: a pedagogic short review by mathematical descriptions	Soumyadipta Pal	Basic Science & Humanities	International Journal of Innovative Research in Physics (JIIP)	2020
Blue Ocean Streategy: : A marketing theory to create uncontested market space and make the competition irrelevant	Kaushik Kumar Ganguly	Master of Business Administration	American Journal Of Business And Management Research	2020

Classification of edge-critical underlying absolute planar cliques for signed graphs	Soumen Nandi	Basic Science & Humanities	Australasian Journal of Combinatorics	2020
Comparative machinability characterization of wire electrical discharge machining on different specialized AISI steels	Bikash Choudhuri Et Al.	Mechanical Engineering	Bulletin of Materials Science	2020
Computing the Geodesic Distance Between Two Points In a Polyhedral Solid	Krishanu Deyasi	Basic Science & Humanities	International Journal of Advanced Science and Engineering	2020
Conceptualizing Irrationality as an Implicit Economic Variable	Sourav Banerjee, Arundhati Ray, Writaparna Mukherjee	Master of Business Administration	American Journal of Business & Management Research	2020

Co-processing of industrial trade rejects in cement Plant	Rahul Baidya Et Al.	Mechanical Engineering	Waste Management & Research	2020
CSR in the light of Covid scenario	Kakkad and Dutta	Master of Business Administration	Zenith International Journal of Multidisciplinary Research	2020
CSR IN THE LIGHT OF COVID SCENARIO – SOME CASES	Dr. Sujit Dutta	Masters in Business Administration	ZENiTH International Journal of Multidisciplinary Research,	2020
Decision-making strategy for detecting authenticated recommendations and identification of valuable customers in online shopping sites	Dr. Goldina Ghosh	Bachelors's in Computer Application, M.Sc(CS)	Int. J. Business and Data Analytics,	2020

Decision-making strategy for detecting authenticated recommendations and identification of valuable customers in online shopping sites	Bidushi Chakraborty	Bachelor of Business Administration	Int. J. Business and Data Analytics	2020
Deep learning for screening of interstitial lung disease patterns in high-resolution CT images	Dr. Sunit Agarwala	Computer Science & Engineering (AIML), CSBS	Clinical Radiology	2020
Deep Learning-Based Early Sign Detection Model for Proliferative Diabetic Retinopathy in Neovascularization at the Disc	N. Dutta Roy, A. Biswas	Computer Science Engineering	Studies in Computational Intelligence	2020
Demonetization & Poor Economics: Warning Signs that the Government Overlooked	Shouvik Chattopadhyay	Master of Business Administration	American Journal Of Business And Management Research	2020

Derivation languages and descriptive complexity measures of restricted flat splicing systems.	Dr. Prithwineel Paul	Computer Science Engineering	Theoretical Computer Science	2020
Design of Convolution Encoder Using Quantum Dot Cellular Automata	Ratna Chakrabarty, Niranjana Kumar Mandal	Electronics and Communication Engineering	International Journal of Information and Coding Theory, Inderscience publications	2020
Development of a BCI-based gaming application to enhance cognitive control in psychiatric disorders	S. Dutta, T. Banerjee, N. Dutta Roy, B. Chowdhury, A. Biswas	Computer Science Engineering	Innovations in Systems and Software Engineering	2020
Development of graphene-based nanostructures and its applications in food quality control and healthcare	Abhijit Kar Gupta	Basic Science & Humanities	World Journal of Engineering Research and Technology	2020

Distributed synchronized control in grid integrated wind farms to improve primary frequency regulation	Priyatosh Mahish	Electrical Engineering	IEEE Transactions on Power Systems	2020
EdgeDrone: QoS aware MQTT middleware for mobile edge computing in opportunistic Internet of Drone Things	Amartya Mukherjee	Computer Science & Engineering (AIML),CSBS	Computer Communications, Elsevier	2020
Effect of inlet turbulence intensity on transport phenomena over bluff Bodies	Sudhir Chandra Murmu Et Al.	Mechanical Engineering	International Journal of Fluid Mechanics Research	2020
Effect of Social Media Influencers on Purchase Intention in shopping of Electronic Goods	Dr. Rabin Mazumder	Bachelor of Business Administration	International Journal of Psychosocial Rehabilitation	2020

Efficient algorithm for computing the triangle maximizing the length of its smallest side inside a convex polygon	Soumen Nandi	Basic Science & Humanities	International Journal of Foundation of Computer Science	2020
Electron energy spectra in quantized structures	K. P. Ghatak	Basic Science & Humanities	Journal of Mathematical Sciences & Computational Mathematics (JMSCM)	2020
Environmental variables regulating organic carbon dynamics of Sundarban mangrove Ecosystem, India	Dr. Phani Bhusan Ghosh	Basic Science & Humanities	International Journal of Chemical and Environmental Sciences	2020
Erratum to "On oriented cliques with respect to push operation"	Soumen Nandi	Basic Science & Humanities	Discrete Applied Mathematics	2020

Extraction of Antioxidants from spices	Dr. Kakoli Datta	Basic Science & Humanities	International Journal of Chemical and Environmental Sciences	2020
Extreme contractions on finite-dimensional polygonal Banach spaces. II	Anubhab Ray	Basic Science & Humanities	Journal of Operator Theory	2020
Field Aided Semiconductor Superlattices, the Einstein Relation and All That	K. P. Ghatak	Basic Science & Humanities	Journal of Mathematical Sciences & Computational Mathematics	2020
Finding optimal transmission strategy for intra-WBAN communications	Moumita Roy	Computer Science & Engineering (AIML),CSBS	Electronics Letters	2020

First Observation of Multiple Transverse Wobbling Bands of Different Kinds in $^{183}\text{Au}$	Dr. Ranabir Banik	Basic Science & Humanities	Physical Review Letter	2020
Flourishing Financial Operations Through Smarter Intelligenc	Ankush Pal , Tiyasha Dey, Prasenjit Kundu	Master of Business Administration	AMERICAN JOURNAL OF BUSINESS AND MANAGEMEN T RESEARCH	2020
Generalized stochastic Petri nets for uncertain renewable-based hybrid generation and load in a microgrid system	Debashis Jana	Electrical Engineering	International Transactions on Electrical Energy Systems, WILEY	2020
Geometry of tetrahedron and computation of the face angles of a tetrahedron with the help of c language	Santanu Das	Basic Science & Humanities	Journal of Mathematical Sciences & Computation al Mathematics( JMSCM)	2020

Good to Great: How companies successfully transition from being good companies to great	Kaushik Kumar Ganguly	Master of Business Administration	American Journal Of Business And Management Research	2020
Green Approach towards Environment – An Empirical Study	Dr. Sujit Dutta	Masters in Business Administration	Journal of the Social Sciences	2020
Hardware Design Methodology of Multilayer Feedforward Neural Network for Spectrum Sensing in Cognitive Radio	S. R. Chatterjee, S. Dhabal, J. Chowdhury, and M. Chakraborty	Computer Science Engineering	International Journal of Wireless and Mobile Computing	2020
Head injury needs life saving care – an analytical study	Biswadip Basu Mallik	Basic Science & Humanities	Journal of Mathematical Sciences & Computation al Mathematics( JMSCM)	2020

High-spin states above the isomers in neutron-rich iodine nuclei near N=82	Dr. Ranabir Banik	Basic Science & Humanities	Physical Review C	2020
How do users respond to online rumor rebuttals?	Dr. Anjan Pal	Computer Science Engineering	Computers in Human Behavior.	2020
Impact Of Demonetization On The Economic Parameters That Affect The Growth Of Nonperforming Asset Of Indian Banks	Dr. Rabin Mazumder	Bachelor of Business Administration	GIS Business	2020
Impact of Lean Manufacturing in Business Excellence	Soumik Dutta & Bikas Chandra Mandal	Master of Business Administration	American Journal Of Business And Management Research	2020

In-Detail Analysis on Custom Teaching and Learning Framework	Subhabrata Sengupta, Anish Banerjee, Satyajit Chakrabarti	Information Technology	International Journal of Computer Applications	2020
Integrated Regulation of HuR by Translation Repression and Protein Degradation Determines Pulsatile Expression of p53 Under DNA Damage	Krishanu Deyasi	Basic Science & Humanities	iScience	2020
Investigating Learner Centered Approach towards teaching of Effective Communication skills: An 'adaptable' methodology for Management Education	Sohini Datta	Master of Business Administration	American Journal Of Business And Management Research	2020
Investigation of different possible excitation modes in neutron-rich 78As	Dr. Ranabir Banik	Basic Science & Humanities	Physical Review C	2020

Investors' Perception about Investment in Mutual Funds: A study in Kolkata	Bikas Chandra Mandal , Rajarshi Bose & Rahul Ghorai	Master of Business Administration	American Journal Of Business And Management Research	2020
ISSUES & CONCERNS IN MANAGEMENT EDUCATION IN INDIA: A STUDY	Sohini Datta	Master of Business Administration	BIMS Journal	2020
Lightweight Sustainable Intelligent Load Forecasting Platform for Smart Grid Applications	Amartya Mukherjee	Computer Science & Engineering (AIML),CSBS	Sustainable Computing: Informatics and Systems	2020
Magnetic vortex transistor based tri-state buffer Switch	Dr. Saswati Barman	Basic Science & Humanities	Journal of Magnetism and Magnetic Materials	2020

Mesoporous Nanoparticles As Efficient Drug Delivery Vehicle: A Concise Review	Dr. Chandan Adhikari	Basic Science & Humanities	European Journal of Molecular & Clinical Medicine	2020
Mitigating subsynchronous resonance using synchrophasor data based control of wind farms	Priyatosh Mahish	Electrical Engineering	IEEE Transactions on Power Delivery	2020
Observation of signature partner bands in 117Sb	Dr. Ranabir Banik	Basic Science & Humanities	Phys. Rev. C	2020
On Outage Analysis in SWIPT Enabled Bidirectional D2D Communications Using Spectrum Sharing in Cellular Networks	Sutanu Ghosh, Tamaghna Acharya, Santi P Maity	Electronics and Communication Engineering	IEEE Transactions on Vehicular Technology	2020

On spectrally-efficient device-to-device communication with wireless information and power transfer	Sutanu Ghosh	Electronics and Communication Engineering	Springer Telecommunication Systems	2020
On Szilard languages of InsDel systems.	Dr. Prithwineel Paul	Computer Science Engineering	Journal of Automata, Languages and Combinatorics,	2020
On Szilard languages of Insertion grammars.	Dr. Prithwineel Paul	Computer Science Engineering	Fundamenta Informaticae,	2020
Positioning of private label brands of men's apparel against national Brands	Pritha Ghosh, Subrata Saha, Shamindra Nath Sanyal	Master of Business Administration	Journal of Marketing Analytics	2020

Producing Renewable Energy in an Alternate Way	Dr. Kakoli Datta	Basic Science & Humanities	International Journal of Innovative Research in Physics	2020
Prompt-delayed gamma-ray spectroscopy of neutron-rich 119,121I isotopes	Dr. Ranabir Banik	Basic Science & Humanities	Physical Review C	2020
Psychological Contract: its Influence on Attrition in Manufacturing Sector	Saikat Chakrabarti	Bachelor of Business Administration	International Journal of Innovative Technology and Exploring Engineering	2020
Public Relations and Networking Strategies as a tool to enhance Business Communication	Riya Barui	Basic Science & Humanities	International Journal of English Learning and Teaching Skills	2020

Quantum teleportation: a hypothetical concept	Arnab Basu	Basic Science & Humanities	International Journal of Innovative Research in Physics	2020
Quasi-gamma band in 114Te	Dr. Ranabir Banik	Basic Science & Humanities	Physical Review C	2020
Reachability Problem in Non-uniform Cellular Automata	Adak, A., Das, S	Computer Science Engineering	Information Sciences	2020
Re-conceptualization of Modern Curriculum in the backdrop of Socio Cultural Strata in India	Suchana Roy	Bachelor of Business Administration	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	2020

Renewable Energy- Energising the Green Future	Dr. Sujit Dutta	Masters in Business Administration	Siddhant- A Journal of Decision Making	2020
RoadSpeedSense: Context-Aware Speed Profiling from Smart- phone Sensors	Dr. Ratna Mandal	Bachelors's in Computer Application, M.Sc(CS)	EAI Endorsed Transactions on Energy Web	2020
Role of English as a Medium of Communication for Engineering Students	Abhishikta Bhattacharjee	Basic Science & Humanities	International Journal of English Learning and Teaching Skills	2020
Search of the attractive shears structure in atomic nuclei	Dr. Ranabir Banik	Basic Science & Humanities	International Journal of Innovative Research in Physics	2020

Selection of commercially available alternative passenger vehicle in automotive environment	Bikash Choudhuri Et Al.	Mechanical Engineering	Operational Research in Engineering Sciences: Theory and Applications	2020
Smart Classroom-An Innovative Concept of Modern Education	Samapika Das Biswas	Basic Science & Humanities	International Journal of English Learning & Teaching Skills,	2020
Social Distancing and the Adolescent Mind: What the Spanish flu taught us	Suchana Roy	Bachelor of Business Administration	Evolving Horizon	2020
Spin-texture driven reconfigurable magnonics in chains of connected Ni <sub>80</sub> Fe <sub>20</sub> submicron dots	Dr. Saswati Barman	Basic Science & Humanities	Phys. Rev. B	2020

Studies on high refractive index amorphous TiO <sub>2</sub> thin film for possible improvement of light extraction efficiency in organic light emitting diodes	Soham Lodh, Rajib Ghosh, and Rajib Chakraborty	Electronics and Communication Engineering	Optical Engineering	2020
Study of nanoparticle as a drug carrier through stenosed arteries using Bernstein polynomials	Avipsita Chatterjee, Satyasan Changdar, Soumen De	Information Technology	International Journal for Computational Methods in Engineering Science and Mechanics	2020
Sunlight Assisted Degradation of Methylene Blue as a Model Dye using Bismuth Oxychloride Nanoparticles: Ecofriendly and Industry Efficient Photocatalysis for Waste Chemical Treatment	Dr. Chandan Adhikari	Basic Science & Humanities	Asian Journal of Chemistry	2020
Superlensing property of 2-D glass photonic crystal	Rajib Ghosh and Rajib Chakraborty	Electronics and Communication Engineering	Eur. Phys. J. Appl. Phys.	2020

Supply chain analysis of e-waste processing plants in developing countries	Rahul Baidya Et Al.	Mechanical Engineering	Waste Management & Research	2020
Surface integrity study of WEDM with various wire electrodes: experiments and analysis	Bikash Choudhuri Et Al.	Mechanical Engineering	Machining Science and Technology	2020
Synthesis, Characterization and Application of Zeolitic Imidazole Framework-Mesoporous Silica Nanospheres Composite: A Hybrid Porous Composite for Drug Delivery	Dr. Chandan Adhikari	Basic Science & Humanities	Journal of Physics: Conference Series	2020
Synthesis, Characterization and Sorptive Removal of Heavy metals on Nano-Structured Nano-Structured Agglomerates of Iron (III)-Cerium (IV) Bimetal Mixed Oxide (NICMO): Search For An Efficient, Low Cost	Tina Basu	Basic Science & Humanities	International journal of Chemical and Environmental Sciences	2020

Temporal stratification of weeds under System of Rice Intensification and conventional rice cultivation	Dr. Phani Bhusan Ghosh	Basic Science & Humanities	International Journal of Chemical and Environmental Sciences	2020
The Effectiveness and Sensitivity of Stochastic Oscillator and Relative Strength Index in Select Indian Stocks	Arkaprava Chakrabarty	Bachelor of Business Administration	Our Heritage (UGC Care Listed Journal)	2020
Thresholding Using a Membrane Algorithm Based on Enhanced Particle Swarm Optimization with Hyperparameter	Dr. Prithwineel Paul	Computer Science Engineering	International Journal of Unconventional Computing,	2020
Unsupervised Feature Selection Using Information-Theoretic Graph-Based Approach	Kundu, Sagarika Saroj, Abhirup Das and Amit Kumar Das	Computer Science Engineering	Studies in Computational Intelligence	2020

Using Disruptive Innovation for Disaster Mitigation and Ensuring Supply Chain Continuity	Shouvik Chattopadhyay	Master of Business Administration	American Journal Of Business And Management Research	2020
A Class of Third-Order Compact Upwind Schemes for Compressible Flow with Shocks and Vortices	Arnab Basu	Basic Science & Humanities	Journal of Physics Through Computation	2019
A Class of Third-Order Compact Upwind Schemes for Compressible Flow with Shocks and Vortices	Abhishek Kundu Et Al.	Mechanical Engineering	Journal of Physics Through Computation	2019
A complete routing simulator for digital microfluidic biochip	Dr. Rupam Bhattacharya	Bachelors's in Computer Application, M.Sc(CS)	International Journal of Information System Modeling and Design, IGI Global Journal, Year 2019	2019

A PSO based investigation of research fields of researchers	Dr. Goldina Ghosh	Bachelors's in Computer Application, M.Sc(CS)	Kybernetes, Publisher: Emerald Publishing Limited	2019
A quasi-visibility graph based clique-extraction heuristic model for partitioning of planar shape	Ankita Mandal	Bachelors's in Computer Application, M.Sc(CS)	International Journal of Applied Management Science	2019
A Quasi-Visibility Graph Based Clique-Extraction Heuristic Model for Partitioning of Planar Shape”	Prof. Sourav Saha	Computer Science Engineering	International Journal of Applied Management Science	2019
A review of the application of multispectral remote sensing in the study of mangrove ecosystems with special emphasis on image processing techniques	Dr. Phani Bhusan Ghosh	Basic Science & Humanities	Spatial Information Research	2019

<p>A Single Vendor Single Buyer Integrated Model for Deteriorating items with Partial Backlogging and Price Dependent Market Demand</p>	<p>Sreelekha Biswas</p>	<p>Bachelors's in Computer Application, M.Sc(CS)</p>	<p>International Journal of Applied Engineering Research</p>	<p>2019</p>
<p>A Single-vendor Single-buyer Integrated Model for Deteriorating items with Partial Backlogging and Price-dependent Market Demand</p>	<p>Prof. Sreelekha Biswas</p>	<p>Bachelors's in Computer Application, M.Sc(CS)</p>	<p>International Journal of Applied Engineering Research</p>	<p>2019</p>
<p>A Special Issue on Dimension Dependent Electronic Materials and Their Electron Energy Spectra</p>	<p>K. P. Ghatak</p>	<p>Basic Science &amp; Humanities</p>	<p>Advanced Science, Engineering and Medicine</p>	<p>2019</p>
<p>A Study of Solar Energy and Ways to Improve its Economic Viability and New Business Scopes - Review</p>	<p>Ruchira Mukherjee</p>	<p>Basic Science &amp; Humanities</p>	<p>International Journal of Advanced Science and Engineering</p>	<p>2019</p>

An analysis of the accelerated expansion of the Universe in the framework of Brans-Dicke theory of Gravitation	Koyel Ganguly	Basic Science & Humanities	International Journal of Advanced Science and Engineering	2019
An approach of feature selection using graph-theoretic heuristic and hill climbing	Prof. Amit Kumar Das	Computer Science Engineering	Pattern Analysis and Applications	2019
An Ensemble Voted Feature Selection Technique for Predictive Modeling of Malwares of Android	Dr. Abhishek Bhattacharya	Bachelors's in Computer Application, M.Sc(CS)	International Journal of Information System Modeling and Design (IJISMD)	2019
Anisotropic spin waves in two-dimensional triangular shaped bi-component magnonic crystal	Dr. Saswati Barman	Basic Science & Humanities	Journal of Magnetism and Magnetic Materials	2019

Antimicrobial Activity of a true Mangrove Avicenniaofficinalis leaf extract against some Pathogens.	Dr. Phani Bhusan Ghosh	Basic Science & Humanities	Journal of Emerging Technology and Innovative Research	2019
Automatic implementation of fuzzy reasoning spiking neural P systems for diagnosing faults in complex power systems.	Dr. Prithwineel Paul	Computer Science Engineering	Complexity ,	2019
Blast furnace flue dust co-processing in cement kiln–A pilot study	Rahul Baidya Et Al.	Mechanical Engineering	Waste Management & Research	2019
Clustering Model for Microblogging Sites using Dimension Reduction Techniques	Dr. Soumi Dutta	Bachelors's in Computer Application, M.Sc(CS)	International Journal of Information System Modeling and Design (IJISMD)	2019

Controlled evolution of spin waves in unconventional defective honeycomb antidot lattices	Dr. Saswati Barman	Basic Science & Humanities	Journal of Magnetism and Magnetic Materials	2019
Degree of partitioning of heavy metals in different environmental segments of a sewage-fed fishery pond at East Kolkata Wetland, India – A case study	Dr. Phani Bhusan Ghosh	Basic Science & Humanities	International Journal of Chemical and Environmental Sciences (IJCAES)	2019
Delay Tolerant Network assisted flying Ad-Hoc network scenario: modeling and analytical perspective	Amartya Mukherjee	Computer Science & Engineering (AIML), CSBS	Wireless Networks	2019
Design and application of nonlinear model-based tracking control schemes employing DEKF estimation	Sanjay Bhadra, Atanu Panda, Parijat Bhowmick, Shinjinee Goswami, Rames C Panda	Electrical Engineering	Optimal Control Applications and Methods	2019

Design and simulation of a Tristate Buffer circuit in Quantum Dot Cellular Automata	Ratna Chakrabarty, Niranjan Kumar Mandal	Electronics and Communication Engineering	IOSR Journal of Computer Engineering (IOSR-JCE)	2019
Designing Secure and Reliable Mobile Agent Based System for Reliable MANET	Moumita Roy	Computer Science & Engineering (AIML),CSBS	International Journal of Ad Hoc and Ubiquitous Computing	2019
Dimension Dependent Density-of-States Function and the Radiation Laws	K. P. Ghatak	Basic Science & Humanities	Journal of Nano Science and Nano Technology	2019
Empirical study of dynamics of amoebiasis transmission in mobile ad hoc networks (MANETs)	Sumana Sinha	Basic Science & Humanities	International Journal of Communicati on system	2019

English for Organizational Communication in the context of Globalization: An Empirical Investigation	Sohini Datta	Master of Business Administration	International Research Journal of Humanities and Social Sciences (IRJHSS)	2019
Ethnocentrism and Technical Communication: Study in West Bengals's Technical Education Centres	Riya Barui	Basic Science & Humanities	International Journal of English Learning and Teaching Skills	2019
Exploring Therapeutic Effectiveness of a Novel Smartphone Application for Enhancing Cognitive Control: A Pilot Study in Obsessive Compulsive Disorder	Prof. Nilanjana Dutta Roy	Computer Science Engineering	Indian Journal of Psychiatry	2019
Extreme contractions on finite-dimensional polygonal Banach spaces	Anubhab Ray	Basic Science & Humanities	Journal of Convex Analysis	2019

Facilitating “transferable skills” among Management students for future placement opportunities: An Empirical study	Sohini Datta	Master of Business Administration	CBS Journal of Management Practices	2019
Fast and robust retinal biometric key generation using deep neural nets	Prof. Nilanjana Dutta Roy	Computer Science Engineering	Multimedia Tools and Applications	2019
Fixed Point Result in Menger Spaces of p-cyclic Ciric type Contraction Mappings	Sharmistha Ghosh	Basic Science & Humanities	International Journal of Advances in Mathematics	2019
FunPred 3.0: improved protein function prediction using protein interaction network	Dr. Sovan Saha	Computer Science & Engineering (AIML),CSBS	PeerJ	2019

Gate Capacitance in Quantum Metal-Oxide-Semiconductor Field-Effect Transistor Devices of Technologically Important Materials	K. P. Ghatak	Basic Science & Humanities	Advanced Science, Engineering and Medicine	2019
Gorter-Casimir two fluid model revisited and possible applications to superconductivity	Arnab Basu	Basic Science & Humanities	International Journal of Innovative Research in Physics	2019
Green Business Opening and its Significance in the Present Climate Change Scenario - A Study	Sujit Dutta, Tanurima Dutta	Master of Business Administration	Zenith International Journal of Multidisciplinary Research	2019
Harvesting Energy from Thunder Storm	Ruchira Mukherjee	Basic Science & Humanities	International Journal of Advanced Science and Engineering	2019

Heisenberg's Uncertainty Principle and the Gate Capacitance in Quantum Metal Oxide Silicon Field Effect Transistor Devices	K. P. Ghatak	Basic Science & Humanities	Advanced Science, Engineering and Medicine	2019
High resolution wide range pressure sensor using hexagonal ring and micromachined cantilever tips on 2D silicon photonic crystal	Rajib Ghosh , K.K. Ghosh, Rajib Chakraborty	Electronics and Communication Engineering	Optics Communications	2019
Impact of Demographic factors on determinants of purchase intention towards fashion apparel among college students	Dibyendu Chattaraj	Bachelor of Business Administration	History Research Journal	2019
Impact of environmental factors on the dependency of litter biomass in carbon cycling of Hooghly estuary, India	Dr. Phani Bhusan Ghosh	Basic Science & Humanities	Ecological Informatics	2019

Impact of gender on the determinants of purchase intention of college students towards Fashion Apparels	Dibyendu Chattaraj	Bachelor of Business Administration	MERC Global International Journal of Mangement	2019
Impact of Psychological Contract Violation on it-Based Educational Institutions of Kolkata and Suburbs	Saikat Chakrabarti	Bachelor of Business Administration	International Journal of RElectronics and Communicati on Engineeringn t Technology and Engineering	2019
Implementing Fuzzy Topsis in Cloud Type and Service Provider Selection,	Aveek Basu, Dr. Sanchita Ghosh	Information Technology	Advances in Fuzzy Systems	2019
In silico approach for acute toxicity prediction of phytocompounds present in the fruit of Musa sp. Linn. And to detect gastric ulcer protective abilities through the rElectronics and Communication Engineeringptor (MMP-9) ligand (flavonoids)	Dibakar Roy Choudhury	Basic Science & Humanities	Journal of Advanced Scientific Research	2019

Low Cost System of Direct Measurement of Dissipation Factor for High Voltage Electric Machine	Mandakinee Bandyopadhyay	Electrical Engineering	IEEE Transaction, Measurement and Instrumentation	2019
Modelling Of The Response Of Bulk Acoustic Wave Based Devices In Bio Sensor Applications	Triparna Datta	Basic Science & Humanities	International Journal of Innovative Research in Physics	2019
Multicultural Plurality and Polyethnicity in Hosseini's The Kite Runner	Mousumi Paul	Basic Science & Humanities	International Journal of English Learning and Teaching Skills	2019
O Pioneers! A Canvas on Which Cather's Unconscious Self is Drawn	Abhishikta Bhattacharjee	Basic Science & Humanities	Literary Endeavour	2019

On outage minimization in RF energy harvesting relay assisted bidirectional communication	Sutanu Ghosh, Tamaghna Acharya, Santi P Maity	Electronics and Communication Engineering	Wireless Networks (Springer)	2019
On the Electron Energy Spectrum in Quantum Wells of Heavily Doped III–V Materials in the Presence of an Arbitrarily Oriented Magnetic Field	K. P. Ghatak	Basic Science & Humanities	Advanced Science, Engineering and Medicine	2019
Optimal design and implementation of Solar PV-Wind-Biogas-VRFB storage integrated Smart Hybrid Microgrid for ensuring zero loss of power supply probability	Ankur Bhattacharjee	Electrical Engineering	Energy Conversion and Management, Elsevier	2019
Population-based clustering to enhance the utilization of surrogate in Content Delivery Networks	Dr. Darothi Sarkar	Computer Science Engineering	Intelligent Decision Technologies	2019

Protein function prediction from dynamic protein interaction network using gene expression data	Dr. Sovan Saha	Computer Science & Engineering (AIML),CSBS	Journal of Bioinformatics and Computational Biology	2019
Psychological Contract and Attrition In it Sector	Saikat Chakrabarti	Bachelor of Business Administration	International Journal of Innovative Technology and Exploring Engineering	2019
Retinal image registration from artery–venous subtree by graph theoretical characterization of retinal vascular network	Prof. Nilanjana Dutta Roy	Computer Science Engineering	Innovations in Systems and Software Engineering	2019
Shape dependent high frequency spin-wave dynamics in nanoscale magnonic crystals	Dr. Saswati Barman	Basic Science & Humanities	Journal of Magnetism and Magnetic Materials	2019

Speech anxiety: improper communication & fear of public speaking	Samapika Das Biswas	Basic Science & Humanities	International Journal Of English Learning And Teaching Skills	2019
Synthesis, Properties of Graphene Oxide-Metal Oxide Mixed Nanocomposites and their Applications - Review	Dr. Kakoli Datta	Basic Science & Humanities	International Journal of Advanced Science and Engineering	2019
The Density-of-States Functions in Quantum Dots	Prabir Kumar Das	Basic Science & Humanities	Advanced Science, Engineering and Medicine	2019
The Energy-Wave Vector Relations and the Density-of-States Function in Heavily Doped Non-Parabolic Materials	K. P. Ghatak	Basic Science & Humanities	Advanced Science, Engineering and Medicine	2019

The Impacts of Word of Mouth Communication on Management Students' Attitudes toward the Welfare of Natural Environment: A CSR Perspective	Sohini Datta	Master of Business Administration	KINDLER	2019
Transport phenomena around bluff bodies at varying inlet turbulent intensity	Sudhir Chandra Murmu Et Al.	Mechanical Engineering	Heat Transfer Research	2019
Tunability of domain structure and magnonic spectra in antidot arrays of heusler alloy	Dr. Saswati Barman	Basic Science & Humanities	Physical Review Applied	2019
Two-center of the Convex Hull of a Point Set: Dynamic Model, and Restricted Streaming Model.	Soumen Nandi	Basic Science & Humanities	Fundamenta Informaticae	2019

Waiting Time: The expectations and preferences of patients in a Pediatric OPD	Mitali Sengupta, Indraneel Mukhopadhyay, Satyajit Chakrabarti	Information Technology	Journal of Health Management,	2019
Wide area predictive control of power system considering communication delay and data drops	Priyatosh Mahish	Electrical Engineering	IEEE Transactions on Industrial Informatics	2019
2D Effective Electron Mass at the Fermi Level in Accumulation and Inversion Layers of MOSFET Nano Devices	K. P. Ghatak	Basic Science & Humanities	Journal of nanoscience and nanotechnology	2018
A Compton suppressed detector multiplicity trigger based digital DAQ for $\gamma$ -ray spectroscopy	Dr. Ranabir Banik	Basic Science & Humanities	Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and	2018

<p>A feature selection technique based on rough set and improvised PSO algorithm (PSORS-FS) for permission based detection of Android Malwares</p>	<p>Dr. Abhishek Bhattacharya</p>	<p>Bachelors's in Computer Application, M.Sc(CS)</p>	<p>International Journal of Machine Learning and Cybernetics</p>	<p>2018</p>
<p>Relation extraction of medical concepts using categorization and sentiment analysis</p>	<p>Mondal, A., Cambria E., Das D., Hussain A., Bandyopadhyay S.</p>	<p>Computer Science Engineering</p>	<p>Cognitive Computation</p>	<p>2018</p>
<p>A Graph Theoretic Model for Semantic Annotation of Articulated Shape-Parts using Zernike Moment based Features</p>	<p>Prof. Sourav Saha</p>	<p>Computer Science Engineering</p>	<p>International Journal of Pure and Applied Mathematics</p>	<p>2018</p>
<p>A Heuristic Strategy for Sub-Optimal Thick-Edged Polygonal Approximation of 2-D Planar Shape</p>	<p>Prof. Sourav Saha</p>	<p>Computer Science Engineering</p>	<p>International Journal of Image, Graphics and Signal Processing (IJIGSP)</p>	<p>2018</p>

<p>A Literature Review on Current and Proposed Technologies of Noninvasive Blood Pressure Measurement</p>	<p>R. Mukherjee, Sanchita Ghosh, B. Gupta, T Chakravarty</p>	<p>Information Technology</p>	<p>Telemedicine and e-Health</p>	<p>2018</p>
<p>A Novel Channel State Prediction Technique for Overlay Cognitive Radio-based Emergency Sensor Networks (CRESNs)</p>	<p>Swagata Roy Chatterjee, Mohuya Chakraborty, Debashis Saha</p>	<p>Computer Science Engineering</p>	<p>Int. J. of Knowledge Engineering and Data Mining</p>	<p>2018</p>
<p>A Universal Noninvasive Continuous Blood Pressure Measurement System for Remote Healthcare Monitoring</p>	<p>R. Mukherjee, Sanchita Ghosh, B. Gupta, T Chakravarty</p>	<p>Information Technology</p>	<p>Telemedicine and e-Health</p>	<p>2018</p>
<p>Active control of mode crossover and mode hopping of spin waves in a ferromagnetic antidot lattice</p>	<p>Dr. Saswati Barman</p>	<p>Basic Science &amp; Humanities</p>	<p>Physical Review Applied</p>	<p>2018</p>

Adaptive nonlinear model-based control scheme implemented on the nonlinear processes	Atanu Panda & Rames C. Panda	Electronics and Communication Engineering	Nonlinear Dynamics	2018
Algorithms for Generating All Possible Spanning Trees of a Simple Undirected Connected Graph: An Extensive Review	Maumita Chakraborty, Sumon Chowdhury, Joymallya Chakraborty, Ranjan Mehera & Rajat Kumar Pal	Information Technology	Complex and Intelligent Systems, Springer	2018
An analysis of phonon emission as controlled by the combined interaction with the acoustic and piezoelectric phonons in a degenerate III-V compound semiconductor using an approximated Fermi-Dirac distribution at low lattice temperatures	Arnab Basu	Basic Science & Humanities	Philosophical Magazine	2018
Analysis of machining parameters for wire cut electrical discharge machining of pure titanium using response surface methodology	Dwaipayan De Et Al.	Mechanical Engineering	Materials Today: Proceedings	2018

<u>Analytical Investigation of Non-Spherical Nanoparticles as a Drug Agent Suspended in a Magnetohydrodynamic Blood Nanofluid Flowing Through an Irregular Shape Stenosed Artery</u>	<u>Dr. Amit Kumar Mandal</u>	Information Technology	Journal of Nano Fluids	2018
Attribute Selection for Improving Spam Classification in Online Social Networks: A Rough Set Theory Based Approach	Dr. Soumi Dutta	Bachelors's in Computer Application, M.Sc(CS)	Social Network Analysis and Mining	2018
Attribute Selection for Improving Spam Classification in Online Social Networks: A Rough Set Theory Based Approach	Sujata Ghatak	Bachelors's in Computer Application, M.Sc(CS)	Social Network Analysis and Mining	2018
Authorship attribution of short texts using multi-layer perceptron	Prof. Himadri Nath Saha	Computer Science Engineering	International Journal of Applied Pattern Recognition	2018

Buying behaviour of Herbal Cosmetics by Women Consumers: An exploratory Study in Kolkata	Dibyendu Chattaraj	Bachelor of Business Administration	Indian Journal of Marketing	2018
Buying behaviour of Herbal Cosmetics by Women Consumers: An exploratory Study in Kolkata	Rabin Mazumder	Bachelor of Business Administration	Indian Journal of Marketing	2018
Chebyshev centers that are not farthest points	Anubhab Ray	Basic Science & Humanities	Indian Journal of Pure and Applied Mathematics	2018
Common Fixed Point Results in Fuzzy Metric Spaces for R-weakly Commuting Mappings	Sharmistha Ghosh	Basic Science & Humanities	Journal of the Calcutta Mathematical Society	2018

Community based feature selection method for detection of android malware",	Dr. Abhishek Bhattacharya	Bachelors's in Computer Application, M.Sc(CS)	Journal of Global Information Management	2018
Conflict Management in Healthcare Sector: In Indian Scenario	Mitali Sengupta, Indraneel Mukhopadhyay, Satyajit Chakrabarti	Information Technology	International Journal of Education and Management Studies	2018
Design and experimental validation of a generalized electrical equivalent model of Vanadium Redox Flow Battery for interfacing with Renewable energy sources	Ankur Bhattacharjee	Electrical Engineering	Journal of Energy Storage, Elsevier	2018
Designing transmission strategies for enhancing communications in medical IoT using Markov Decision Process	Moumita Roy	Computer Science & Engineering (AIML),CSBS	Sensors	2018

Development and validation of a real time flow control integrated MPPT charger for solar PV applications of Vanadium Redox Flow Battery	Ankur Bhattacharjee	Electrical Engineering	Energy Conversion and Management, Elsevier	2018
Development of an efficient thermal management system for Vanadium Redox Flow Battery under different charge-discharge conditions	Ankur Bhattacharjee	Electrical Engineering	Applied Energy, Elsevier	2018
Disruptive technology and disruptive innovation :ignore at your peril!	Debashis Majumdar, Pradipta Kumar Banerji, Satyajit Chakrabarti	Master of Business Administration	Technology Analysis & Strategic Management, Routledge, Taylor & Francis Group	2018
Drug delivery system composed of mesoporous silica and hollow mesoporous silica nanospheres for chemotherapeutic drug delivery	Dr. Chandan Adhikari	<b>Basic Science &amp; Humanities</b>	Journal of Drug Delivery Science and Technology	2018

Dual estimation and combination of state and output feedback based robust adaptive nmbc control scheme on non-linear process	Atanu Panda, Shinjinee Goswami, Rames C. Panda	Electronics and Communication Engineering	International Journal of Dynamics and Control	2018
Emotion based Classification of Human Voice using an Optimized Machine Learning Approach	Rabi Narayan Behera, Pulak Baral, Subindu Saha, Sujata Dash	Information Technology	International Journal of Control Theory and Applications,  International Science Press	2018
Energy Non Availability in Distribution Grid with Heavy Penetration of Solar Power: Assessment and Mitigation through Solar Smoother	Ankur Bhattacharjee	Electrical Engineering	Energies	2018
Ensemble Algorithms for Microblog Summarization	Dr. Soumi Dutta	Bachelors's in Computer Application, M.Sc(CS)	IEEE Intelligent Systems	2018

Experimental investigation and optimization of wedm process for machining maraging steel using neural network based Jaya algorithm	Bikash Choudhuri Et Al.	Mechanical Engineering	International Journal of Machining and Machinability of Material	2018
Exploring Learner Centered Approach towards English Language Teaching: A flexible methodology for Management Education	Sohini Datta	Master of Business Administration	New Academia: An International Journal of English Language, Literature and Literary Theory	2018
Field-controlled ultrafast magnetization dynamics in two-dimensional nanoscale ferromagnetic antidot arrays	Dr. Saswati Barman	Basic Science & Humanities	Beilstein J. Nanotechnol.	2018
Fragment-based transmission using minimum power consumed routing (FBTMPCR) algorithm of a MIMO integrated MANET	Swati Chowdhuri, Pranab Banerjee, Shelinha Chaudhury	Electrical and Electronics Engineering	Turkish Journal of Electrical Engineering and Computer Sciences	2018

Homogeneous Finite-Time Consensus Control for Higher-Order Multi-Agent Systems by Full Order Sliding Mode,	Sanjoy Mondal	Electrical Engineering	Journal of Systems Science & Complexity	2018
Hybrid Movie Recommendation System based on PSO based Clustering	Rabi Narayan Behera, Progga Laboni Saha, Anindita Chakraborty, Sujata Dash	Information Technology	International Journal of Control Theory and Applications, International Science Press	2018
Influence of Anisotropic Dipolar Interaction on the Spin Dynamics of Ni <sub>80</sub> Fe <sub>20</sub> Nanodot Arrays Arranged in Honeycomb and Octagonal Lattices	Dr. Saswati Barman	Basic Science & Humanities	Journal of Magnetism and Magnetic Materials	2018
Influence of Intense Electric Field on the Screening Length in Opto-electronic Materials.	Prabir Kumar Das	Basic Science & Humanities	Materials Focus	2018

Intelligent Energy Aware Fidelity Based On-Demand Secure Routing Protocol for MANET	Prof. Himadri Nath Saha	Computer Science Engineering	International Journal of Computer Network and Information Security(IJCNIS)	2018
Log Transform Based Optimal Image Enhancement Using Firefly Algorithm for Autonomous Mini Unmanned Aerial Vehicle: An Application of Aerial Photography	Amartya Mukherjee	Computer Science & Engineering (AIML),CSBS	International Journal of Image and Graphics	2018
Low carbon cement manufacturing in India by co-processing of alternative fuel and raw materials	Rahul Baidya Et Al.	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2018
Machine translation using recurrent neural network on statistical machine translation	Prof. Sainik Kumar Mahata	Computer Science Engineering	Journal of Intelligent Systems	2018

<p>Metal organic frameworks modified mesoporous silica nanoparticles (MSN): A nano-composite system to inhibit uncontrolled chemotherapeutic drug delivery from Bare-MSN</p>	<p>Dr. Chandan Adhikari</p>	<p>Basic Science &amp; Humanities</p>	<p>Journal of Drug Delivery Science and Technology</p>	<p>2018</p>
<p>Minimum power consuming algorithm to select relay node of MIMO integrated MANET</p>	<p>Swati Chowdhuri, Sheli Sinha Chaudhuri, Pranab Banerjee</p>	<p>Electrical and Electronics Engineering</p>	<p>Indian Journal of Science and Technology</p>	<p>2018</p>
<p>Modelling of surface roughness and tool consumption of WEDM and optimization of process parameters based on Fuzzy-PSO</p>	<p>Bikash Choudhuri Et Al.</p>	<p>Mechanical Engineering</p>	<p>Materials Today: Proceedings</p>	<p>2018</p>
<p>Molecular docking studies using garlic metabolites--a peek into the apoptotic pathway</p>	<p>Ruchira Mukherjee</p>	<p>Basic Science &amp; Humanities</p>	<p>Carbon-- Science and Technology</p>	<p>2018</p>

Moment method analysis of periodic array of thin conducting strips using waveguide simulator	Debidas Kundu, Rintu Kumar Gayen, Akhilesh Mohan & Ajay Chakrabarty	Electronics and Communication Engineering	Journal of Electromagnetic Waves and Applications	2018
On derivation languages of a class of splicing systems,	Dr. Prithwineel Paul	Computer Science Engineering	Acta Cybernetica	2018
On Motives to Work as a Principle Determinant of Developmental Disparity	Sourav Banerjee, Writaparna Mukherjee	Master of Business Administration	Survey	2018
On the Quantum Capacitance in MOSFET Devices Under Accumulation Mode	Sujata Ghatak	Bachelors's in Computer Application, M.Sc(CS)	Materials Focus	2018

Operational control of an integrated drum boiler of a coal fired thermal power plant	Sreepradha Sivaramkumar, Rames C. Panda, Bhuvaneswari N. S., Atanu Panda,	Electronics and Communication Engineering	Energy	2018
Optimization of wire EDM parameters using teaching learning based algorithm during machining of maraging steel 300	Bikash Choudhuri Et Al.	Mechanical Engineering	Materials Today: Proceedings	2018
Outcome based closed loop teaching learning process: a case study	Gunjan Kumar Et Al.	Mechanical Engineering	International Journal of English Learning & Teaching Skills	2018
Precision dynamic equivalent circuit model of a Vanadium Redox Flow Battery and determination of circuit parameters for its optimal performance in renewable energy Applications	Ankur Bhattacharjee	Electrical Engineering	Journal of Power Sources, Elsevier	2018

Protein function prediction from protein–protein interaction network using gene ontology based neighborhood analysis and physico-chemical features.	Dr. Sovan Saha	Computer Science & Engineering (AIML),CSBS	Journal of Bioinformatics and Computational Biology	2018
Psychological Contract and its Role In The Infrastructure Sector: A Review Study	Saikat Chakrabarti	Bachelor of Business Administration	International Journal of Civil Engineering and Technology	2018
Psychological distress among late adolescents with obesity	Samapika Das Biswas	Basic Science & Humanities	IAHRW International Journal of Social Sciences Review	2018
Review on " Graphene and Graphene oxide based system for the detection of synthetic azo dyes"	Dr. Kakoli Datta	Basic Science & Humanities	International Journal of Advancement in Engg, Technology, Management and applied science	2018

Review on 'Graphene and Graphene Oxide based system for the detection of synthetic azo dyes'	Abhijit Kargupta	Basic Science & Humanities	Int J. Adv. In Eng.Tech., Management and Appl.Sc.	2018
Secure minimum loss route selection of MIMO-based MANET in combined (indoor, outdoor, and forest) terrain	Swati Chowdhuri; Sheli Sinha Chaudhuri; Pranab Banerjee; Nilanjan Dey	Electrical and Electronics Engineering	International Journal of Advanced Intelligence Paradigms (IJAIP)	2018
Shoreline change detection using remote sensing in the Bakkhali Coastal Region, West Bengal, India.	Dr. Phani Bhusan Ghosh	Basic Science & Humanities	Indian Journal of Geo-science	2018
Study of surface integrity and recast layer of a surface machined by Wire electrical discharge machining	Bikash Choudhuri Et Al.	Mechanical Engineering	Materials Today: Proceedings	2018

Study the impact of process parameters and electrode material on wire electric discharge machining performance	Bikash Choudhuri Et Al.	Mechanical Engineering	Materials Today: Proceedings	2018
Talbot self-imaging phenomenon under Bessel beam illumination	Rijuparna Chakraborty, Subhajit Dutta Chowdhury, Ajoy Kumar Chakraborty	Electronics and Communication Engineering	Applied Physics B	2018
Tunable Angle-Dependent Magnetization Dynamics in Ni <sub>80</sub> Fe <sub>20</sub> Nanocross Structures of Varying Size, K. Adhikari, S. Barman, R. Mandal, Y. Otani, and A. Barman	Dr. Saswati Barman	Basic Science & Humanities	Physical Review Applied	2018
Two Algorithms for Computing All Spanning Trees of a Simple, Undirected, and Connected Graph: Once Assuming a Complete Graph	Maumita Chakraborty, Sumon Chowdhury, and Rajat Kumar Pal	Information Technology	IEEE ACCESS	2018

Wide-Range, Open-Loop, CCT and Illuminance Control of an LED Lamp Using Two-Component Color Blending	Rajib Malik	Electrical Engineering	IEEE Transactions on Power Electronics	2018
Selective Harmonic Elimination in a Conventional Single Phase Full-Bridge Inverter with Adjustable Output	Gautam Ghosh	Electronics and Communication Engineering	IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)	2018
Yrast and non-yrast spectroscopy of $^{199}\text{Tl}$ using $\alpha$ -induced reactions	Dr. Ranabir Banik	Basic Science & Humanities	Phys. Rev. C	2018
Zed- Zero Effect Zero Defect A Pathway to Green Growth for MSMEs in India	Sujit Dutta, Tanurima Dutta	Master of Business Administration	Asian Journal of Research in Social Science and Humanities	2018

<p>A Survey on A High Performance Approximate Adder And Two High Performance Approximate Multipliers</p>	<p>Prof. Sumanta Chakraborty</p>	<p>Computer Science Engineering</p>	<p>IOSR Journal of Business and Management (IOSR-JBM)</p>	<p>2018</p>
<p>A Comparative Analysis of Pipelined and Area Optimized Blowfish Algorithm in FPGA for embedded tiny Sensor Node</p>	<p>S.Roy Chatterjee, M.Chakraborty</p>	<p>Computer Science Engineering</p>	<p>International Journal of Engineering and Technology (IJET)</p>	<p>2017</p>
<p>A feature cluster taxonomy based feature selection technique</p>	<p>Prof. Amit Kumar Das</p>	<p>Computer Science Engineering</p>	<p>Expert Syst. Appl</p>	<p>2017</p>
<p>A Lightweight Trust Mechanism &amp; Overhead Analysis for Clustered WSN</p>	<p>Moutushi Singh, Abdur Rahaman Sardar, Koushik Majumder, Subir Kumar Sarkar</p>	<p>Information Technology</p>	<p>IETE Journal of Research</p>	<p>2017</p>

<p>A new hybrid feature selection approach using feature association map for supervised and unsupervised classification.</p>	<p>Prof. Amit Kumar Das</p>	<p>Computer Science Engineering</p>	<p>Expert Syst. Appl</p>	<p>2017</p>
<p>A Pathway to Green Growth and Green Business – Some Evidences of Indian Companies</p>	<p>Prof. Dr. Sujit Dutta</p>	<p>Master of Business Administration</p>	<p>A Journal of Decision Making</p>	<p>2017</p>
<p>A realistic analysis of the phonon growth characteristics in a degenerate semiconductor using a simplified model of Fermi-Dirac distribution</p>	<p>Arnab Basu</p>	<p>Basic Science &amp; Humanities</p>	<p>Journal of Physics and Chemistry of Solids</p>	<p>2017</p>
<p>A robust synthesis of functionalized 2H-indazoles via solid state melt reaction (SSMR) and their anti-tubercular activity</p>	<p>Dr. Chandan Adhikari</p>	<p>Basic Science &amp; Humanities</p>	<p>Bioorganic &amp; Medicinal Chemistry Letters</p>	<p>2017</p>

<p>A Special Section on Physical Properties of Low Dimensional Heavily Doped Materials</p>	<p>K. P. Ghatak</p>	<p>Basic Science &amp; Humanities</p>	<p>Materials Focus</p>	<p>2017</p>
<p>A Study of Product Trend Analysis of Review Datasets using Naive Bayes', K-NN and SVM Classifiers</p>	<p>Prof. Sanjoy Chakraborty</p>	<p>Computer Science Engineering</p>	<p>International Journal of Advanced Engineering and Management</p>	<p>2017</p>
<p>A Study on Bingham Plastic Characteristics of blood flow through multiple overlapped stenosed arteries</p>	<p>Santanu Das</p>	<p>Basic Science &amp; Humanities</p>	<p>Saudi Journal of Engineering and Technology</p>	<p>2017</p>
<p>A Study on Bingham Plastic Characteristics of blood flow through multiple overlapped stenosed arteries</p>	<p>Saktipada Nanda and B. Basu Mallik</p>	<p>Electronics and Communication Engineering &amp; Basic Science &amp; Humanities</p>	<p>Saudi Journal of Engg, and Tech.</p>	<p>2017</p>

<p>A Survey on Machine Learning: Concept, Algorithms and Applications</p>	<p>Kajaree Das, Rabi Narayan Behera</p>	<p>Information Technology</p>	<p>International Journal of Innovative Research in Computer and Communication Engineering, Vol. 5, Issue 2</p>	<p>2017</p>
<p>An Adaptive Full Order Sliding Mode Controller for Mismatched Uncertain Systems</p>	<p>Sanjoy Mondal</p>	<p>Electrical Engineering</p>	<p>International Journal of Automation and Computing</p>	<p>2017</p>
<p>An approach to incorporate teachers' individual teaching and evaluation strategies and experience in tutoring model of an Intelligent Tutoring System</p>	<p>Lopa Mandal, Samar Bhattacharya, Pramatha Nath Basu</p>	<p>Information Technology</p>	<p>International Journal of Hybrid Intelligent Systems Preprint, IOS Press</p>	<p>2017</p>
<p>An Univariate Feature Elimination Strategy for Clustering Based on Metafeatures</p>	<p>Prof. Sanjoy Chakraborty</p>	<p>Computer Science Engineering</p>	<p>International Journal of Intelligent Systems and Applications</p>	<p>2017</p>

An Univariate Feature Elimination Strategy for Clustering Based on Metafeatures	Dr. Himadri Nath Saha	Electrical and Electronics Engineering	International Journal of Intelligent Systems and Applications (IJISA)	2017
Analysis of protein targets in pathogen–host interaction in infectious diseases: a case study on Plasmodium falciparum and Homo sapiens interaction network	Dr. Sovan Saha	Computer Science & Engineering (AIML),CSBS	Briefings in Functional Genomics	2017
Anomalous electrical conductivity in selenite glassy nanocomposites	Arun Kumar Bar Et Al.	Mechanical Engineering	Materials Chemistry and Physics	2017
Bias field tunable magnetic configuration and magnetization dynamics in Ni Fe nano-cross structures with varying arm length	Dr. Saswati Barman	Basic Science & Humanities	Journal of Applied Physics	2017

Building customer loyalty among online buyers through generation of trust	Rabin Mazumder	Bachelor of Business Administration	Kindler, Journal of Army institute of management	2017
Building customer loyalty among online buyers through generation of trust.	Rabin Mazumder	Bachelor of Business Administration	Kindler	2017
Calibration of the Advanced LIGO detectors for the discovery of the binary black-hole merger GW150914	Ligo Group	Electronics and Communication Engineering	Physical Review D	2017
Can Photons Affect the Entropy?	Prabir Kumar Das	Basic Science & Humanities	Advanced Science, Engineering and Medicine	2017

Color Detection and Tracking from Live Stream – An Extensive Survey	Sagar Pandey, Subhabrata Sengupta	Information Technology	International Journal of Computer Applications	2017
Conceptualizing a Model for Online Shopping Intention: A Literature Review	Bikas Chandra Mandal & Prof Dr. Soma Sur	Master of Business Administration	International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS)	2017
Deformed band structures at high spin in 200Tl	Dr. Ranabir Banik	Basic Science & Humanities	Phys. Rev. C	2017
Design of a Controllable Adder-Subtractor circuit using Quantum Dot Cellular Automata	Ratna Chakrabarty, Niranjan Kumar Mandal	Electronics and Communication Engineering	IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)	2017

Development of CCT tunable led lighting system using red-blue-white led	Rajib Malik	Electrical Engineering	Light & Engineering	2017
Distance function and fuzzy goal programming models for effective shopping mall management	Bidushi Chakraborty	Bachelor of Business Administration	International Journal of Management and Decision Making	2017
Effect of Nanoparticles on Biodiversity of Soil and Water Microorganism Community	Dr. Amit Kumar Mandal	Information Technology	Journal of Tissue Science and Engineering	2017
Efficient Modulation of Spin Waves in Two-Dimensional Octagonal Magnonic Crystal	Dr. Saswati Barman	Basic Science & Humanities	ACS Nano	2017

Efficient splitting of broadband LED light into narrowbands using superlensing effect and defects on its top 2D photonic crystal	Rajib Ghosh, K. K. Ghosh, Rajib Chakraborty	Electronics and Communication Engineering	Optical and Quantum Electronics	2017
Electrochemical detection of fluoride in water using polymer encapsulated Zr-EDTA-PCV reagent	Dr. Kakoli Datta	Basic Science & Humanities	Journal of the Indian Chemical Society	2017
Emotion based Classification of Human Voice using an Optimized Machine Learning Approach	Rabi Narayan Behera, Pulak Baral, Subindu Saha and Sujata Dash	Information Technology	International Journal of Control Theory and Application	2017
Energy loss to intravalley acoustic modes in nano-dimensional wire structures at low temperatures	Arnab Basu	Basic Science & Humanities	Physica E	2017

Entropy, Electric Field and Heavily Doped Nanowires	K. P. Ghatak	Basic Science & Humanities	Journal of nanoscience and nanotechnology	2017
Farthest Point Problem and M-compact sets	Anubhab Ray	Basic Science & Humanities	Journal of Nonlinear and Convex Analysis	2017
Field-effect mobility of a two dimensional electron gas in an n-channel of Si-SiO <sub>2</sub> MOS structure with due consideration of some practical features	Arnab Basu	Basic Science & Humanities	Journal of Applied Physics	2017
Heating of carriers as controlled by the combined interactions with acoustic and piezoelectric phonons in degenerate III-V semiconductors at low lattice temperature	Arnab Basu	Basic Science & Humanities	Physica B	2017

Heavily Doped Single Quantum Wells and the Effective Mass	Prabir Kumar Das	Basic Science & Humanities	Advanced Science, Engineering and Medicine	2017
Heisenberg's Uncertainty Principle, Intense Electric Field, Heavily Doped Optoelectronic Quantized Structures and the Electron Statistics	K. P. Ghatak	Basic Science & Humanities	Journal of nanoscience and nanotechnology	2017
Heisenberg's Uncertainty Principle, Intense Electric Field, Heavily Doped Optoelectronic Quantized Structures and the Electron Statistics	Triparna Datta	Basic Science & Humanities	Journal of Nanoscience and Nanotechnology	2017
Heterogeneous consensus of higher-order multi-agent systems with mismatched uncertainties using sliding mode control	Sanjoy Mondal	Electrical Engineering	International Journal of Robust and Nonlinear Control	2017

High Performance DGS Integrated Compact Antenna for 2.4/5.2/5.8 GHz WLAN Band	M. Chakraborty, S. Chakraborty, P. S. Reddy, S.Samanta	Electronics and Communication Engineering	Radioengineering Proceedings of Czech and Slovak Technical Universities, Radioengineering, Vol. 26, No. 1, April 2017	2017
Homogeneous Droplet Routing In DMFB: An Enhanced Technique For High Performance Bioassay Implementation	Dr. Rupam Bhattacharya	Bachelors's in Computer Application, M.Sc(CS)	Integration, The VLSI journal.	2017
Implementation Of Personal Area Network for Secure Routing in MANET by Using Low Cost Hardware	Prof. Debika Bhattacharya	Computer Science Engineering	Turkish Journal of Electrical Engineering and Computer Sciences	2017
Implementation Of Personal Area Network for Secure Routing in MANET by using Low Cost Hardware	Dr. Himadri Nath Saha	Electrical and Electronics Engineering	International Journal of Computer Network and Information Security (IJCNIS)	2017

Influence of anthropogenic activities on the land use patterns of the South Andaman Islands	Dr. Phani Bhusan Ghosh	Basic Science & Humanities	Research Journal of Marine Sciences	2017
Intellimote: a hybrid classifier for classifying learners' emotion in a distributed e-learning environment.	Lopa Mandal, Rohan Das, Samar Bhattacharya, Pramatha Nath Basu	Information Technology	Turkish Journal of Electrical Engineering & Computer Sciences	2017
Intense light waves, heavily doped Kane type opto electronic Nano-Structures, carrier contribution to the elastic constants and all that	K. P. Ghatak	Basic Science & Humanities	Journal of Computational and Theoretical Nanoscience	2017
Interaction of Different Divalent Metal Ions with Lipid Bilayer: Impact on the Encapsulation of Doxorubicin by Lipid Bilayer and Lipoplex Mediated Deintercalation	Dr. Chandan Adhikari	Basic Science & Humanities	J. Phys. Chem. B	2017

Minimum Spanning Tree using Heap	Maumita Chakraborty, Rahul Singh, Ruchi Mehta	Information Technology	International Journal of Scientific and Engineering Research	2017
Modeling Random Choice Behavior in the Context of the Size of the Choice Set	Sourav Banerjee, Writaparna Mukherjee	Master of Business Administration	IJLTEMAS	2017
Modeling Random Choice Behavior in the Context of the Size of the Choice Set.	Writaparna Mukherjee, Sourav Banerjee	Master of Business Administration	International Journal of Latest Technology in Engineering, Management & Applied Science	2017
Multi-messenger observations of a binary neutron star merger	Ligo Group	Electronics and Communication Engineering	Astrophysical Journal Letters	2017

Navier-Stokes simulation of shock-heavy bubble interaction: Comparison of upwind and WENO schemes	Abhishek Kundu Et Al.	Mechanical Engineering	Computers and Fluids	2017
Navier-Stokes simulation of slipstream evolution in steady shock reflection	Abhishek Kundu Et Al.	Mechanical Engineering	Journal of Visualization	2017
Network similarity and statistical analysis of earthquake seismic data	Krishanu Deyasi	Basic Science & Humanities	Physica A: Statistical Mechanics and its Applications	2017
Outage analysis in two-way communication with RF energy harvesting relay and co-channel interference	Sutanu Ghosh, Tamaghna Acharya, Santi P Maity	Electronics and Communication Engineering	Transactions on Emerging Telecommunications Technologies (Wiley)	2017

Pairing in two dimensions and possible consequences for superconductivity: extension of Cooper's approach	Soumyadipta Pal	Basic Science & Humanities	Journal of Physics Communications	2017
pH dependent tunable photoluminescence of polyaniline grafted Graphene Oxide (GO - PANI) nanocomposite	Prabir Kumar Das	Basic Science & Humanities	Journal of Luminescence, Elsevier	2017
Piezoelectric interaction in controlling the effective electron temperature and the non-ohmic mobility characteristics in GaN and other III-V compounds at low lattice temperature	Arnab Basu	Basic Science & Humanities	Canadian Journal of Physics	2017
Prompt-delayed $\gamma$ -ray spectroscopy with AGATA, EXOGAM and VAMOS++	Dr. Ranabir Banik	Basic Science & Humanities	Eur. Phys. J. A	2017

Propagation analysis of MIMO ad hoc network in hybrid propagation model and implement less propagation loss algorithm to find the minimum loss route	Swati Chowdhuri, Sayan Chakraborty, Sheli Sinha Chaudhury, Pranab Banerjee	Electrical and Electronics Engineering	International Journal of Information and Communicati on Technology	2017
Propositions on Transitory Income with Relation to Consumption and Savings Propensity	Sourav Banerjee, Writaparna Mukherjee	Master of Business Administration	International Journal of Engineering and Management Research	2017
Public private partnership: A process of redefining India	Arkaprava Chakrabarty	Bachelor of Business Administration	Global Journal of Multidisciplin ary Studies	2017
Spectroscopic Study of the Interaction of Carboxyl-Modified Gold Nanoparticles with Liposomes of Different Chain Lengths and Controlled Drug Release by Layer-by-Layer Technology	Dr. Chandan Adhikari	Basic Science & Humanities	J. Phys. Chem. B	2017

State Estimation and Non-Linear Model Based Control of a Continuous Stirred Tank Reactor Using Unscented Kalman Filter	Atanu Panda & Prakash J.	Electronics and Communication Engineering	The Canadian Journal of Chemical Engineering	2017
Study on the effect of non-Newtonian nature of blood flowing through an elastic artery with slip condition	Santanu Das	Basic Science & Humanities	Journal of Chemical, Biological and physical sciences	2017
Study on the effect of non-Newtonian nature of blood flowing through an elastic artery with slip condition	Saktipada Nanda and B. Basu Mallik	Electronics and Communication Engineering & Basic Science & Humanities	J. of Chem. Bio. Ph. Sc.(JCBPS)	2017
Sustainability of cement kiln co-processing of wastes in India: a pilot study	Rahul Baidya Et Al.	Mechanical Engineering	Environmental Technology	2017

Synthesis and Optical Absorption Properties of Copper Oxide Nanoparticles for Applications in Transparent Surface Coatings and Solar Cells	Dr.Amit Kumar Mandal	Information Technology	Journal of Nano and Electronic Physics	2017
The effects of degeneracy of the carrier ensemble on the energy loss rate and the high field mobility characteristics under the conditions of low lattice temperatures	Arnab Basu	Basic Science & Humanities	Physica B	2017
The Two Dimensional Magneto Thermo Power in Ultra Thin Films Under Intense Electric Field	Triparna Datta	Basic Science & Humanities	Journal of Nanoscience and Nanotechnology	2017
The Two Dimensional Magneto Thermo Power in Ultra Thin Films Under Intense Electric Field	K. P. Ghatak	Basic Science & Humanities	Journal of Nanoscience and Nanotechnology	2017

VizieR Online Data Catalog: Gravitational waves from known pulsars	Ligo Group	Electronics and Communication Engineering	VizieR Online Data Catalog	2017
.A Rule Based Probabilistic Technique for Malware Code Detection	Prof. Sanjoy Chakraborty	Computer Science Engineering	Multiagent and Grid Systems- MAGS	2017