

Journal Publication Details from 2015-2022 (Feb)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Month & Year of publication
Door lock using Arduino motion detector by PIR sensor	Arpita Santra	ECE	International Journal of Advance Research, Ideas and Innovations in Technology	January 2022
Oil meals: A novel cheap source of prebiotic food materials	Dr. Sumit Nandi	BSHU	International Journal of Enhanced Research in Science, Technology & Engineering	October, 2021
Nonlinear pentagonal intuitionistic fuzzy number and its application in EPQ model under learning and forgetting	Dr. Shilpi Pal	BS&HU	Complex and Intelligence System	December, 2021
Door lock using Arduino motion detector by PIR sensor	Arnima Das	ECE	International Journal of Advance Research, Ideas and Innovations in Technology	January 2022
iCredit: A Credit Based Incentive Scheme to Combat Double Spending in Post-Disaster Peer-to-Peer Opportunistic Communication Over Delay Tolerant	Chandrima Chakrabarti	CSE	Wireless Personal Communications	August 2021
Cryptocurrency and its Impacts	Debrupa Pal	CA	Journal	
Cryptography – An Overview	Debrupa Pal	CA	Thomas Reuters indexed Journal	
Python the game changer in the field of Machine Learning, Data Science and IoT	Debrupa Pal	CA	Thomas Reuters indexed Journal	
A job-sequencing problem using modified score function in PNN environment	Dr. Avishek Chakraborty	BS&HU	International Journal of Hybrid Intelligence	September, 2021
A New Technique to Solve Transportation Problems Using De-Pythagorean Value in Generalized Interval Valued Pythagorean Environment	Dr. Avishek Chakraborty	BS&HU	International Journal of Fuzzy System Applications (IJFSA)	September, 2021

A novel logarithmic operational law and aggregation operators for trapezoidal neutrosophic number with MCGDM skill to determine most harmful virus	Dr. Avishek Chakraborty	BS&HU	Applied Intelligence, Springer	22.07.2021
Nonlinear pentagonal intuitionistic fuzzy number and its application in EPQ model under learning and forgetting	Dr. Avishek Chakraborty	BS&HU	Complex and Intelligence System	December, 2021
Diagnosis of Melanoma Lesion Using Neutrosophic and Deep Learning	Dr. Avishek Chakraborty	BS&HU	Traitement du Signal	December, 2021
Concrete using Disposable Material As Aggregate (A Review)	Dr. Biman Mukherjee	CE	Journal	
A Study on Partial Replacement of Sand by Cast Iron Dust in Standard Concrete	Dr. Biman Mukherjee	CE	Journal	
Evolution of New Austrian Tunnelling Method (NATM) in Tunnelling	Dr. Biman Mukherjee	CE	Journal	
Using bacteria to make self-healing concrete	Dr. Biman Mukherjee	CE	Journal	
Nonlinear Analysis of Masonry Structures	Dr. Biman Mukherjee	CE	Journal	
Comparative Studies of Different Papers Based on the Experiment of Replacing Concrete Aggregate by Demolished Building	Dr. Biman Mukherjee	CE	Journal	
A Review on Partial Replacement of Concrete Materials with Rice Husk Ash, Stone Dust & Scrapped Rubber	Dr. Biman Mukherjee	CE	Journal	
Development of Optimum Mix Design of Lightweight Self-Curing Concrete	Dr. Biman Mukherjee	CE	Journal	
Study on Replacement of Cement by Using Metakaolin, Silica Fume and Ground Granulated Blast Furnace Slag	Dr. Biman Mukherjee	CE	Journal	

Study on Self-Compacting Concrete Using High Volume of Fly Ash	Dr. Biman Mukherjee	CE	Journal	
Regional Study on Historic Monuments	Dr. Biman Mukherjee	CE	Journal	
A Review Paper on Behavioural Studies on Hollow Double Skinned Steel Concrete Composite Columns	Dr. Biman Mukherjee	CE	Journal	
Diagnosis of Melanoma Lesion Using Neutrosophic and Deep Learning	Shubhendu Banerjee	CSE	Traitement du Signal	December, 2021
The magnitude of IMF By influences the magnetotail response to solar wind forcing	Dr. Dibyendu Sur	EIE	Journal of Geophysical Research: Space Physics	January 2022
Enzymatic preparation of biodiesel from Mahua oil (Madhuca Indica) and its characterization	Dr. Rupa Bhattacharyya	BSHU	International Journal of Enhanced Research in Science, Technology & Engineering	October, 2021
Optimization and kinetics of biodiesel from jojoba (Simmondsia chinensis L. Schneider) oil	Dr. Rupa Bhattacharyya	BSHU	World Scientific News	09.07.2021
Door lock using Arduino motion detector by PIR sensor	Dr. Sangita Roy	ECE	International Journal of Advance Research, Ideas and Innovations in Technology	January 2022
A State-of-the-Art Review on Differential Evolution (DE)	Dr. Sangita Roy	ECE	International Journal of Advance Research, Ideas and Innovations in Technology	
IoT based pothole recognition framework	Dr. Sangita Roy	ECE	International Journal of Advance Research, Ideas and Innovations in Technology	
Smart pothole detection system using crowd sourcing	Dr. Sangita Roy	ECE	International Journal of Advance Research, Ideas and Innovations in Technology	
Single Image Very Deep Super Resolution (SIVDSR) Dehaze	Dr. Sangita Roy	ECE	IEEE BECITHCON 2021	
Oil meals: A novel cheap source of prebiotic food materials	Dr. Sarbani Ganguly	BSHU	International Journal of Enhanced Research in Science, Technology & Engineering	October, 2021

Enzymatic preparation of biodiesel from Mahua oil (Madhuca Indica) and its characterization	Dr. Sumit Nandi	BSHU	International Journal of Enhanced Research in Science, Technology & Engineering	October, 2021
Optimization and kinetics of biodiesel from jojoba (Simmondsia chinensis L. Schneider) oil	Dr. Sumit Nandi	BSHU	World Scientific News	09.07.2021
Effect of mixing intensity for biodiesel production from coconut acid oil	Dr. Sumit Nandi	BS&HU	International Journal of Enhanced Research in Science, Technology & Engineering	August, 2021
FDRF: Fault Detection and Recovery Framework for Seamless Data Transmission in Remote Health Monitoring Using WBAN	Koushik Karmakar	CSE	Springer Journal: "Wireless Personal Communications"	September 2021
ANALYTICAL STUDY ON INDIAN RAILWAY NETWORK:ANTI COLLISION SYSTEM	Moupali Roy	ECE	International Journal of Scientific Engineering and Applied Science (IJSEAS) – Volume-7, Issue-9	
Counter to avoid gathering situation in a place during (COVID-19)	Moupali Roy	ECE	International Journal of Scientific Engineering and Applied Science (IJSEAS) – Volume-7, Issue-9	
Diagnosis of Melanoma Lesion Using Neutrosophic and Deep Learning	Ms. Sharmistha Basu	BS&HU	Traitement du Signal	December, 2021
IMPORTANCE OF ACTIVE LEARNING FOR OPTIMAL DETECTION OF DISEASES	Pranab Hazra	ECE	International Journal of Management Information Technology and Engineering	
A TIME HISTORY ANALYSIS OF A 20 STOREY MODEL WITH DAMPERS AT DIFFERENT LOCATIONS - A REVIEW	PROF. ARYA BANERJEE,	CE	JOURNAL	
A TIME HISTORY ANALYSIS OF A 20 STOREY MODEL WITH DAMPERS AT DIFFERENT LOCATIONS - A REVIEW	PROF. BIMAN MUKHERJEE	CE	JOURNAL	

IoT based Smart Monitoring and Irrigation System	Puspak Pain	ECE	International Journal of Emerging Technologies and Innovative Research	
FINGERPRINT BASED BIOMETRIC ATTENDANCE SYSTEM USING ARDUINO	Rimpi Datta	ECE	International Research Journal of Modernization in Engineering Technology and Science	January 2022
FINGERPRINT BASED BIOMETRIC ATTENDANCE SYSTEM USING ARDUINO	Rimpi Datta	ECE	International Research Journal of Modernization in Engineering Technology and Science	
A State-of-the-Art Review on Differential Evolution (DE)	Sangita Roy	ECE	International Journal of Advance Research, Ideas and Innovations in Technology	July 2021
On the extensions of virial and Feynman – Hellman theorem	Pratyusha Biswas Deb	EE	International Journal of Science and Research (IJSR)	February, 2022
IoT based pothole recognition framework	Sangita Roy	ECE	(International Journal of Advance Research, Ideas and Innovations in Technology	December 2021
Smart pothole detection system using crowd sourcing	Sangita Roy	ECE	International Journal of Advance Research, Ideas and Innovations in Technology	January 2022
Ramification Of Unbridled Urbanization In Kolkata : A Study On The Increased Air Pollution And Health Issues	Sharmistha Basu	BSHU(English)	Indian Journal of Environmental Protection(Vol. 41 No. 11 pp 1310-1315)	07 January, 2022
Effect of process parameters on machining EN 47 spring steel through WEDM	Dr. Bikash Panja	ME	Emerging Materials Research	2020-2021
Crack identification in beam-type structural elements using a piezoelectric sensor.	Goutam Roy	ME	Nondestructive Testing and Evaluation	2020-2021

Evaluation and Repair of Cracks on Statically Loaded Beams Using Piezoelectric Actuation	Goutam Roy	ME	International Journal of Manufacturing, Materials, and Mechanical Engineering (IJMMME)	2020-2021
A study on kerf width of EN47 steel in WEDM	Dr. Bikash Panja	ME	Journal of the Association of Engineers, India	2020-2021
Constraints on Energy–Momentum Squared Gravity from cosmic chronometers and Supernovae Type Ia data	Sujata Kundu	IT	Annals of Physics, Elsevier	2020-2021
A Study of Social Media linked MCGDM Skill under Pentagonal Neutrosophic Environment in the Banking Industry	Ms. Nidhi Singh	Admin	Neutrosophic Sets and System	2020-2021
Impact of CME and HSSW driven geomagnetic storms on thermosphere and ionosphere as observed from mid-latitudes	Dr. Dibyendu Sur	EIE	Advances in Space Research	2020-2021
Fault Identification and Determination of Its Location in a HVDC System Based on Feature Extraction and Artificial Neural Network	Dr.NABAMITA BANERJEE ROY	EE	Journal of the Institution of Engineers (India) Series B (2021).	2020-2021
A Comprehensive Assessment of the Need and Availability of Smart Grid Technologies in an Electricity Distribution Grid Network	Sudhangshu Sarkar, Usmik Chakrabarti, Suvamoy Bhattacharyya, Amlan Chakrabarti	EE	Journal of The Institution of Engineers (India): Series B Electrical, Electronics & Telecommunication and Computer Engineering	2020-2021
A review on fabrication, characterization and implementation of wearable strain sensors	Nasrin Afsarimanesh, Anindya Nag, Sudhangshu Sarkar, Ghobad Shafiei Sabet, Tao Han, Subhas Chandra Mukhopadhyay	EE	Sensors and Actuators A: Physical	2020-2021
ALLOCATING THE VARIABLE COST OF TRANSMISSION LINES DUE TO ELASTIC LOADS IN A CONGESTED POWER MARKET	Dr. Bishaljit Paul	EE	International Journal	2020-2021
INTENSIFICATION AND OPTICAL PENETRATION IN PLASMONIC THIN FILM SOLAR CELL BY NANO PARTICLE ON METAL DIELECTRIC SEMICONDUCTOR-PHOTONIC RESPONSE	Dr. Saradindu Panda	ECE	International Journal of Electronics and Communication Engineering and Technology (IJECET), Volume 12, Issue 1, 2021	2020-2021
Design and implementation of panic alarm during disaster in extreme situations using Proteus Software	Sangita Roy	ECE	IJARIT, Paper ID: V7I3-1369 (v7i3-1369)	2020-2021

Pothole and object detection with respect to the speed of a vehicle using sensors in Arduino UNO board	Sangita Roy	ECE	IJARIT, Paper ID: V713-1369 (v7i31470)	2020-2021
Management System to Minimise Loss of Data and Time Wastage in Library	Sangita Roy	ECE	IJARIT, Paper ID: V713-1537	2020-2021
The design, analysis, and cost estimation of a generic adder and subtractor using the layered T (LT) logic reduction methodology with a quantum-dot cellular-automata-based approach	Dr. Saradindu Panda	ECE	Journal of Computational Electronics	2020-2021
AI and IOT based Smart Irrigation System	Sandhya Pattanayak, Anilesh Dey, Saradindu Panda, Surajit Bari, , Kaushik Sarkar, Pranab Hazra, Soumen Pal, Arpita Santra, Swati Barui, Sangita Roy, Abhijit Ghosh, Puspak Pain, Arnima Das, Moupali Roy, Rimpi Datta	ECE	Turkish Online Journal of Qualitative Inquiry	2020-2021
Multi-objective Cuckoo Search in Image Visibility Improvement	Sangita Roy, Anilesh Dey, Surajit Bari, SandhyaPattanayak, Kaushik Sarkar, Saradindu Panda	ECE	Turkish Online Journal of Qualitative Inquiry	2020-2021
Detection of word boundary in Bengali colloquial speech based on pitch profile and Convolutional Neural Network	Kaushik Sarkar, Pranab Hazra, Anilesh Dey, Saradindu Panda, Surajit Bari, Soumen Pal, Arpita Santra, Swati Barui, Sangita Roy, Abhijit Ghosh, Sandhya Pattanayak, Puspak Pain, Arnima Das, Moupali Roy, Rimpi Datta	ECE	Turkish Online Journal of Qualitative Inquiry	2020-2021

Utilizing Convoluted Neural Networks to predict COVID Infections in Individuals	Anilesh Dey, Sangita Roy, Rimpi Datta, Surajit Bari, Sandhya Pattanayak, Sandhya Pattanayak,	ECE	Turkish Online Journal of Qualitative Inquiry	2020-2021
AI and IOT based Smart Irrigation Syetem	Anilesh Dey, Saradindu Panda, Surajit Bari, , Kaushik Sarkar	ECE	Turkish Online Journal of Qualitative Inquiry	2020-2021
Multi-objective Cuckoo Search in Image Visibility Improvement	Sangita Roy, Anilesh Dey, Surajit Bari, SandhyaPattanayak, Kaushik	ECE	Turkish Online Journal of Qualitative Inquiry	2020-2021
Detection of word boundary in Bengali colloquial speech based on pitch profile and Convolutional Neural Network	Kaushik Sarkar, Pranab Hazra, Anilesh Dey, Saradindu Panda, Surajit	ECE	Turkish Online Journal of Qualitative Inquiry	2020-2021
Utilizing Convoluted Neural Networks to predict COVID Infections in Individuals	Anilesh Dey, Sangita Roy, Rimpi Datta, Surajit Bari, Sandhya Pattanayak,	ECE	Turkish Online Journal of Qualitative Inquiry	2020-2021
DESIGN OF SMART GARBAGE DISPOSAL AND COLLECTION SYSTEM	Moupali Roy, Rimpi Datta, Abhijit Ghosh and Arnima Das, Puspak Pain	ECE	Journal	2020-2021
Highly Precise Wire Feeder & Cutter Machine with Stepper Motor Using Atmega32 Microcontroller	Rimpi Datta, Puspak Pain, Arnima Das, Saradindu Panda	ECE	JETIR Journal	2020-2021
Heteroscedasticity and Data Smoothing	Abhijit Ghosh, Sangita Roy, Swati Barui, Arpita Santra, Soumen Pal, Sandhya Pattanayak	ECE	JETIR Journal	2020-2021
Study Of Basic Radio Network Controller Networking System Using Qualnet Software	Sangita Roy Swati Barui, Arpita Santra Soumen Pal Sangita Roy and Sandhya	ECE	IJRSR journal	2020-2021
Parametric Evaluation of Guided Image Filter with Window Size	Moupali Roy, Sangita Roy, Pranab Hazra, Surajit Bari, Kaushik Sarkar, Anilesh Dey	ECE	JETIR Journal	2020-2021
Agglomeration Of Arsenic Link To Rain Water Harvesting In West Bengal Considering Population As Function	Pranab Hazra, Surajit Bari, Kaushik Sarkar, Anilesh Dey, Saradindu Panda	ECE	JETIR Journal	2020-2021
INTENSIFICATION AND OPTICAL PENETRATION IN PLASMONIC THIN FILM SOLAR CELL BY NANO PARTICLE ON METAL DIELECTRIC SEMICONDUCTOR-PHOTONIC	Dr. saradindu Panda	ECE	Journal (jetir)	2020-2021

Design and implementation of panic alarm during disaster in extreme situations using Proteus Software	Sangita Roy	ECE	IJARIT, Paper ID: V7I3-1369 (v7i3-1369)	2020-2021
Pothole and object detection with respect to the speed of a vehicle using sensors in Arduino UNO board	Sangita Roy	ECE	IJARIT, Paper ID: V7I3-1369 (v7i3-1470)	2020-2021
Management System to Minimise Loss of Data and Time Wastage in Library	Sangita Roy	ECE	IJARIT, Paper ID: V7I3-1537	2020-2021
Alarm switch for security	Arnima Das, Swati Barui	ECE	Journal	2020-2021
AI and IOT based smart Irrigation system	Sandhya Pattanayak, Anilesh Dey, Sangita Roy, Rimpi Datta, Surajit Bari,	ECE	Turkish Online Journal of Qualitative Inquiry	2020-2021
Utilizing Convolved Neural Networks to predict COVID Infections in Individuals	Anilesh Dey, Sangita Roy, Rimpi Datta, Surajit Bari, Sandhya Pattanayak, Kaushik Sarkar, Saradindu	ECE	Turkish Online Journal of Qualitative Inquiry	2020-2021
DESIGN OF SMART GARBAGE DISPOSAL AND COLLECTION SYSTEM	Moupali Roy, Rimpi Datta, Abhijit Ghosh and Arnima Das, Puspak Pain	ECE	Journal (jetir)	2020-2021
Highly Precise Wire Feeder & Cutter Machine with Stepper Motor Using Atmega32 Microcontroller	Rimpi Datta, Puspak Pain, Arnima Das, Saradindu Panda	ECE	JETIR Journal	2020-2021
Heteroscedasticity and Data Smoothing	Abhijit Ghosh, Sangita Roy, Swati Barui, Arpita Santra, Soumen Pal, Sandhya Pattanayak	ECE	JETIR Journal	2020-2021
STUDY OF BASIC RADIO NETWORK CONTROLLER NETWORKING SYSTEM USING QUALNET SOFTWARE	Sangita Roy Swati Barui, Arpita Santra Soumen Pal Sangita Roy and Sandhya	ECE	IJRSR journal	2020-2021
Parametric Evaluation of Guided Image Filter with Window Size	Moupali Roy, Sangita Roy, Pranab Hazra, Surajit Bari, Kaushik Sarkar, Anilesh Dey	ECE	JETIR Journal	2020-2021
Agglomeration Of Arsenic Link To Rain Water Harvesting In West Bengal Considering Population As Function	Pranab Hazra, Surajit Bari, Kaushik Sarkar, Anilesh Dey, Saradindu Panda,	ECE	JETIR Journal	2020-2021

A Cross-Sectional Study on Central Sensitization and Autonomic Changes in Fibromyalgia	Kaushik Sarkar	ECE	frontiersin journals/neuroscience	2020-2021
Estimation of Power and Delay of CMOS Phase Detector and Phase-Frequency Detector Using Nano Dimensional MOS Transistor	Dr. Surajit Bari	ECE	IEEE	2020-2021
Hardware Implementation of Image Dehazing Mechanism using Verilog HDL and Parallel DCP	Sangita Roy	ECE	2020 IEEE Applied Signal Processing Conference (ASPCON)	2020-2021
Agglomeration Of Arsenic Link To Rain Water Harvesting In West Bengal Considering Population As Function	Pranab Hazra, Surajit Bari, Kaushik Sarkar, Anilesh Dey, Saradindu Panda,	ECE	JETIR Journal	2020-2021
A Cross-Sectional Study on Central Sensitization and Autonomic Changes in Fibromyalgia	Mr. Kaushik Sarkar	ECE	National Center for Biotechnology Information	2020-2021
Parametric Evaluation of Guided Image Filter with Window Size	Moupali Roy, Sangita Roy, Pranab Hazra, Surajit Bari, Kaushik Sarkar, Anilesh Dev	ECE	JETIR Journal	2020-2021
Smart Parking Management System with Dynamic Pricing	MD ASHIFUDDIN MONDAL	CSE	Journal of Ambient Intelligence and Smart Environments	2020-2021
A WBAN based framework for patienthealth condition monitoring and faulty sensor node identification applying ANN	Koushik Karmakar	CSE	International Journal of Biomedical and Clinical Engineering (IJBC)	2020-2021
A new graph-theoretic approach to determine the similarity of genome sequences based on nucleotide triplets	Dr. Subhram Das	CSE	Genomics	2020-2021
A BRIEF STUDY ON THE RECOMMENDATION WITHIN THE AMENDMENT-2 FOR IS 1893 (PART-1): NOVEMBER 2020 FOR THE	Arya Banerjee	CE	International Journal of Creative Research Thoughts (IJCRT)	2020-2021
A Case Study on Torsional Irregularity in Accordance with the Latest Amendment of IS 1893 (Part I) 2016-2020	Arya Banerjee	CE	International Journal	2020-2021

Neem (Azadirachta indica A. Juss.) oil: A source of alternative fuel through enzyme technology	Sumit Nandi, Rupa Bhattacharyya	BSHU	World Scientific News	2020-2021
A novel logarithmic operational law and aggregation operators for trapezoidal neutrosophic number with MCGDM skill to determine most harmful virus	Avishek Chakraborty	BSHU	Applied Intelligence (APPL INTELL)	2020-2021
A Study of Social Media linked MCGDM Skill under Pentagonal Neutrosophic Environment in the Banking Industry	Mr. Avishek Chakraborty	BS&HU	Neutrosophic Sets and System	2020-2021
New exponential operational law for measuring pollution attributes in mega-cities based on MCGDM problem with trapezoidal neutrosophic data	Mr. Avishek Chakraborty	BS&HU	Journal of Ambient Intelligence and Humanized Computing	2020-2021
Classification of trapezoidal bipolar neutrosophic number, de-bipolarization technique and its execution in cloud service-based MCGDM problem	Mr. Avishek Chakraborty	BS&HU	Complex & Intelligent System, Springer	2020-2021
Impact of Social Media in Banking Sector under Triangular Neutrosophic Arena Using MCGDM Technique	Mr. Avishek Chakraborty	BS&HU	Neutrosophic Sets and System	2020-2021
Nonlinear pentagonal intuitionistic fuzzy number and its application in EPQ model under learning and forgetting	Mr. Avishek Chakraborty	BS&HU	Complex & Intelligent System, Springer	2020-2021
Triangular Neutrosophic Based Production Reliability Model of Deteriorating Item with Ramp Type Demand under Shortages and Time Discounting	Mr. Avishek Chakraborty	BS&HU	Neutrosophic Sets and System	2020-2021
A new approach to evaluate linear programming problem in pentagonal neutrosophic environment	Mr. Avishek Chakraborty	BS&HU	Complex & Intelligent Systems	2020-2021
Relationship between Self-efficacy and Work Performance:	Dr.Sriparna Guha	BA	International Journal of Creative Research Thoughts_UGC Approved Journal No: 49023 (18)	2020-2021
Neem (Azadirachta indica A. Juss.) oil: A source of alternative fuel through enzyme technology	Sumit Nandi, Rupa Bhattacharyya	BSHU	World Scientific News	2020-2021
A Proposal to Adjust the Time-Keeping Systems for Savings in Cycling Operation and Carbon Emission	Amlan Chakrabarti	EE	Springer : Journal of the Institution of Engineers (India) : Series B	2019-2020

Development of a wireless intravenous drip rate monitoring device	Dr. Anilesh Dey	ECE	International Journal of Sensor Networks	2019-2020
A Comprehensive Assessment of the Need and Availability of Smart Grid Technologies in an Electricity Distribution Grid Network.	Amlan Chakrabarti	EE	Journal of The Institution of Engineers (India): Series B by Springer	2019-2020
A Review of Testing Technology in Web Application System	Shyamapriya Chowdhury	IT	International Research Journal of Engineering and Technology (IRJET)	2019-2020
Area-Delay-Energy aware SRAM memory cell and $M \times N$ parallel read/write memory array design for quantum dot cellular automata	Dr. M .R. Kanjilal	ECE	Microprocessors and Microsystems: Embedded Hardware Design (MICPRO)	2019-2020
Study Of The Effects Of A Crack In Statically Loaded Structural Elements With The Aid Of Piezosensor	Mr. Goutam Roy	ME	Reason- A Technical Journal	2019-2020
Multimedia Data Mining and its Relevance Today - An Overview	Anirban Bhar	IT	International Journal of Research in Engineering, Science and Management	2019-2020
Universal Reversible Combinational Circuit Design using Quantum Dot Cellular Automata	Shyamapriya Chowdhury	IT	International Journal for Research in Applied Science & Engineering Technology	2019-2020
Smart Blind Cane With Alarm Kit And Location Sharing System	Bansari Deb Majumder	EIE	IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)	2019-2020
A Review of Testing Technology in Web Application System	Anirban Bhar	IT	International Research Journal of Engineering and Technology (IRJET)	2019-2020
Multimedia Data Mining and its Relevance Today - An Overview	Soumya Bhattacharyya	IT	International Journal of Research in Engineering, Science and Management	2019-2020
Universal Reversible Combinational Circuit Design using Quantum Dot Cellular Automata	Sujata Kundu	IT	International Journal for Research in Applied Science & Engineering Technology	2019-2020
A Novel Design of 12-bit Digital Comparator Using Multiplexer for High Speed Application in 32-nm CMOS Technology	Dr.Saradindu Panda	ECE	IETE Journal of Research,Taylor & Francis,	2019-2020

Human Emotion Recognition using GSR and EEG	Susmita Das	EIE	International Journal of Scientific and Research Publications (IJSRP)	2019-2020
Universal Reversible Combinational Circuit Design using Quantum Dot Cellular Automata	Soumya Bhattacharyya	IT	International Journal for Research in Applied Science & Engineering Technology	2019-2020
Allocating the variable costs of transmission lines due to elastic loads in a congested power market.	Bishaljit Paul	EE	Contemporary Issues in Computing	2019-2020
A Review of Testing Technology in Web Application System	Sujata Kundu	IT	International Research Journal of Engineering and Technology (IRJET)	2019-2020
Universal Reversible Combinational Circuit Design using Quantum Dot Cellular Automata	Anirban Bhar	IT	International Journal for Research in Applied Science & Engineering Technology	2019-2020
A Review of Testing Technology in Web Application System	Soumya Bhattacharyya	IT	International Research Journal of Engineering and Technology (IRJET)	2019-2020
Investigation and Analysis of Power System Faults with Soft Computational Techniques	Dr. NABAMITA BANERJEE ROY	EE	Automated Software Testing, First Online 04 February 2020, Publisher Name Springer, Singapore	2019-2020
A Comprehensive Assessment of the Need and Availability of Smart Grid Technologies in an Electricity Distribution Grid Network.	SUDHANGSHU SARKAR	EE	Journal of The Institution of Engineers (India): Series B by Springer	2019-2020
Multimedia Data Mining and its Relevance Today - An Overview	Shyamapriya Chowdhury	IT	International Journal of Research in Engineering, Science and Management	2019-2020
Implementation of PID control Based Hybrid Model for Gesture Controlled Robotic Arm	Bansari Deb Majumder	EIE	International Journal of Computer Science and Engineering	2019-2020
Approach of Mental State Analysis using EEG	Susmita Das	EIE	International Journal of Scientific and Research Publications (IJSRP)	2019-2020
Multifunctional Admittance type Sensor and it's Instrumentation for Simultaneous Measurement of Liquid level and Temperature	Bansari Deb Majumder	EIE	IEEE Transaction on Instrumentation and measurements	2019-2020
A Comprehensive Assessment of the Need and Availability of Smart Grid Technologies in an Electricity Distribution Grid Network.	Ushnik Chakrabarti	EE	Journal of The Institution of Engineers (India): Series B by Springer	2019-2020

Improvement of optical extinction by various wideband dielectrics with Ag and Au nanoparticle on metal-dielectric-semiconductor structure in solar	Dr.Saradindu Panda	ECE	Nanoscience and Nanotechnology - Asia	2019-2020
Utilization of LTeX Feynman gate in designing the QCA based reversible binary to gray and gray to binary code converters	Dr.Saradindu Panda	ECE	Micro and Nanosystems	2019-2020
A genetically trained neural network for prediction of path loss in outdoor microcell	Dr.Sandhya Pattanayak	ECE	IJARET	2019-2020
Approach to Solve Multi-Criteria Group Decision Making Problems by Exponential Operational Law in Generalised Spherical Fuzzy Environment	Mr. Avishek Chakraborty	BSHU	CAAI Transactions on Intelligence Technology	2019-2020
Cylindrical Neutrosophic Single- Valued Number and its Application in Networking problem, Multi Criterion Decision Making Problem and Graph Theory	Mr. Avishek Chakraborty	BSHU	CAAI Transactions on Intelligence Technology	2019-2020
A comparative alcohol efficacy for the synthesis of sustainable fuel	Dr. Sumit Nandi	BSHU	Journal of Environmental Science, Computer Science and Engineering & Technology	2019-2020
Power analysis attack resistable hardware cryptographical circuit design using reversible logic gate in quantum cellular automata	Mr.Puspak Pain	ECE	Microsystem Technologies	2019-2020
Studies on Schumann Resonance Phenomena and Some Recent Advancements	Mr.Abhijit Ghosh	ECE	Geomagnetism and Aeronomy	2019-2020
Significance of Remote Sensing in Healthcare Monitoring.	Mr.Pranab Hazra	ECE	International Journal of Engineering and Advance Technology	2019-2020
Studies on Schumann Resonance Phenomena and Some Recent Advancements	Mr.Pranab Hazra	ECE	Geomagnetism and Aeronomy	2019-2020
Genome sequence comparison under a new form of tri-nucleotide representation based on bio-chemical properties of nucleotides	Dr. Subhram Das	CSE	GENE	2019-2020
A new graph-theoretic approach to determine the similarity of genome sequences based on nucleotide triplets	Dr. Subhram Das	CSE	Genomics	2019-2020
Text Polarity Detection using Multiple Supervised Machine Learning Algorithms	Mousumi Saha	CSE	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019-2020

Recognition of hindi and bengali handwritten and typed text from images using tesseract on android platform	Shubhendu Banerjee	CSE	International Journal of Innovative Technology and Exploring Engineering	2019-2020
Experimental and Numerical free vibration analysis of laminated composite plates with arbitrary cut-outs	Arpita Mandal	CE	Institution of Engineers (India): Series C	2019-2020
Behavioural Study of R/C Natural Draught Cooling Tower under Gravity Load using Different Support Orientations	Abhishek Hazra	CE	IJEAT	2019-2020
Text Polarity Detection using Multiple Supervised Machine Learning Algorithms	Tamasree Biswas	CSE	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019-2020
Sensors In Precision Agriculture: A Survey On Application, Security And Privacy	Ananya Banerjee	CSE	Advances and Applications in Mathematical Sciences	2019-2020
Melanoma Diagnosis Using Deep Learning and Fuzzy Logic	Shubhendu Banerjee	CSE	Diagnostics	2019-2020
Recognition of English Handwriting and Typed from Images using Tesseract on Android Platform	Shubhendu Banerjee	CSE	International Journal of Advanced Science and Technology	2019-2020
De-Neutrosophication Technique of Pentagonal Neutrosophic Number and Application in Minimal Spanning Tree	Mr. Avishek Chakraborty	BSHU	Neutrosophic Sets & Systems	2019-2020
Disjunctive Representation of Triangular Bipolar Neutrosophic Numbers, De-Bipolarization Technique and Application in Multi-Criteria Decision Making Problems	Mr. Avishek Chakraborty	BSHU	Symmetry(SCI)	2019-2020
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A comparative alcohol efficacy for the synthesis of sustainable fuel	Dr. Rupa Bhattacharyya	BSHU	Journal of Environmental Science, Computer Science and Engineering & Technology	2019-2020
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De_i fuzzification of Linear Interval Valued Intuitionistic Fuzzy Number, and its Application in Operation Research Arena	Shilpi Pal	BSHU	International Journal of Operation Research SCOPUS	2019-2020
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WLMS-based Transmission Refined Self-Adjusted No Reference Weather Independent Image Visibility Improvement	Mrs.Sangita Roy	ECE	IETE Journal of Research	2019-2020
Even big data is not enough: need for a novel reference modelling for forensic document authentication	Dr Biswajit Halder	CSE	International Journal on Document Analysis and Recognition (IJDAR)	2019-2020
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Protein sequence comparison under a new complex representation of amino acids based on their physio	SOU MEN GHOSH	IT	Journal of Mechanics of Continua and Mathematical Sciences	2018-2019
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Dynamic analysis of laminated composite skew plates with cutout	Arpita Mandal	CE	StructuralEngineeringandMechanics	2018-2019
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