

International Journal publication in 2016:

Department: ECE

Title Of The Paper	Name Of The Journal	Author(S)	Volume	Issue No.	Page Nos.	Impact Factor (if any)
Application Of DNA like organic molecules as a Substrate Of Semiconductor Devices	Advances In Industrial Engineering And Management	Dr. Saradindu Panda, Partha Sarkar, Prof. B. Maji, Prof. A. K. Mukhopadhyay	5	1	12-17	3.284
Maximum Absorption In Quantum Dot Solar Cell With Hyperbolic Band Model	Advances In Industrial Engineering And Management	Dr. Saradindu Panda, Nandini Saha, Abhigyan Ganguly, Prof. B.Maji	5	1	61-67	3.284
Optimization Of Digital Comparator Using Transmission Gate Logic Style	International Journal Of Advanced Research In Engineering And Technology	Dr. Saradindu Panda, Mukherjee D. N., Maji.B	7	4	6-16	6.7293
Performance Evaluation Of 4:1 Multiplexer Using Different Domino Logic Styles	International Journal Of Electronics And Communication Engineering And Technology	Dr. Saradindu Panda, Mukherjee D. N., Maji.B	7	4	20-31	8.2691
Finding Synergy Networks From Gene Expression Data: A Fuzzy Rule Based Approach	Ieee Transactions On Fuzzy Systems	Kaushik Sarkar, Prantik Chatterjee, Nikhil R Pal	24	6	1488-1499	6.701
Design Of Switched Capacitor Amplifier For Sampled Output-Using 180nm CMOS Technology	International Journal Of Emerging Technology And Advanced Engineering	Pranab Hazra, Soumen Pal, Pinkey Ghosh	6	1	145-150	2.32

Design Of Two Stage Ultra Low Power CMOS Operational Transconductance Amplifier (Ota) Using 180 Nm Technology	International Journal Of Advanced Research In Electrical, Electronics And Instrumentation Engineering	Puspak Pain, Soumen Pal	5	2	658-666	5.016
Single CFA First Order all pass Filter	IEICE Electronics Express	Sandhya Pattanayak, Rabindranath Nandi, Koushick Mathur	13	4	1-8	
Error Measurement & Its Impact On Bilateral-Canny Edge Detector-A Hybrid Filter	I.J. Modern Education And Computer Science	Sangita Roy, Sheli Sinha Chaudhuri	2	-	30-41	
Modeling of Haze Image as Ill-Posed Inverse Problem & its Solution	I.J. Modern Education and Computer Science	Sangita Roy, Sheli Sinha Chaudhuri	8	12	46-55	0.669
Design And Power Analysis Of 4 × 4 Semiconductor Rom Array With Row Decoder And Column Decoder At 32, 22 And 16 Nm Channel Length Of Mos Transistor	Micro System Technologies, Springer	Surajit Bari, S .Bhowmik , D. De ,A.Sarkar	11	-	1-8	0.99
Average Power Consumption And Delay Analysis Of Schmitt Trigger Circuit Using Low Dimensional Mos Transistor	Advances In Industrial Engineering And Management, American Scientific Publishers	Surajit Bari, Arunima Maity, Debashis De, Angsuman Sarkar	5	1	85-88	
Design And Average Power Consumption Analysis Of 3-Stage CMOS Ring Oscillator Circuit At 32 Nm Channel Length	Advances In Industrial Engineering And Management, American Scientific	Surajit Bari, Arunima Maity, Debashis De, Angsuman Sarkar	5	1	89-92	

	Publishers					
System Tuning And Stability Analysis In Discrete Domain For A Standard Dexterous Arm Model	International Journal Of Advanced Research In Electrical, Electronics And Instrumentation Engineering,	Swati Barui, Debasmita Manna, Biswarup Neogi	5	4	2887-2892	5.02
Comparative Study on Frequency Response of Heterojunction Bipolar Transistor	International Journal of Electronics Engineering Research (IJEER)	Arnima Das, Maitreyi Ray Kanjilal	6	5	155-162	6.1843
Finding synergy networks from gene expression data: A fuzzy rule based approach	IEEE Transactions on Fuzzy Systems	Kaushik Sarkar, Prantik Chatterjee, Nikhil R Pal	24	6	1488-1499	1941-0034

Department: EE

Title Of The Paper	Name Of The Journal	Author(S)	Volume	Issue No.	Page Nos.	Impact Factor (if any)
Water Level Indicator	International Journal Of Scientific & Engineering Research	Pratyusha Biswas Deb Priyanjali Mukherjee	Volume 7,	Issue 4	Page No.8	3.2
Application Of Solar Energy Conversion To Electrical Power In A Street Lighting System	International Journal Of Scientific & Engineering Research	Pratyusha Biswas Deb Kamalika Banerjee Dipu Mistry Priyanjali Mukherjee	Volume 7	Issue 4	Page No: 57	3.2
Dynamic Model Analysis Of Three Phase Induction Motor Using Matlab/Simulink'	International Journal Of Scientific And Engineering Research	Pratyusha Biswas Deb	Volume 7	Issue 3	Page No: 572	
Contactless speed monitoring and displaying	International Research Journal of Engineering	Pratyusha Biswas Deb, Arkendu Mitra	volume0 3 /	Issue: 12	Page No.876	4.45

	and Technology(IRJET)					
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Department: EIE

Title Of The Paper	Name Of The Journal	Author(S)	Volume	Issue No.	Page Nos.	Impact Factor (if any)
Effects Of Different Edge Detection Techniques Towards Detection Of Closed Or Opened Human Eye	Journal Of Basic And Applied Engineering Research	Dibyendu Sur, Priyam Chakraborty, Srijita Mitra, Chayan Dolai, Sayanti Rudra And Saikat Mitra	3	2	115-118	4.236
Braille To English Text Interface System With Microcontroller	Advanced Research In Electrical And Electronic Engineering	Dibyendu Sur, Biswarup Mukherjee And Vaibhav Gupta	3	1	23-26	
Automatic Liquid Level & Temperature Monitoring And Controlling Using Labview And Arduino	IOSR Journal Of Electrical And Electronics Engineering- Journal Of Electrical And Electronics Engineering	Sayan Kumar Swar, Susmita Das, Dibyendu Sur, Soumya Paul	11	2	56-60	1.419
Person Locator From A Real Time Video	International Journal Of Scientific And Engineering Research	Dibyendu Sur, Mugdha Mondal, Soumitaa Chatterjee	7	4	21-24	3.8
Design Of A Portable Charger With Energy Conservation	International Journal Of Scientific And Engineering Research	Susmita Das, Sagar Patra, Mugdha Mondal, Sandipan Deb	7	4	100-104	3.8
Dc Motor Movement Controlled By Gesture Orientation Using Arduino	International Journal Of Engineering Research In Electronic And Communication, Engineering	Arijita Das, Bansari Deb Majumder, Dibyendu Sur, Susmita Das, Kaushik Pal, Mugdha	3	4	39-42	3.689

		Mondal				
Design Of Industrial Temperature Monitoring System Using Rtd And Servo Motor With Pid Algorithm	International Journal Of Advanced Research In Electrical, Electronics And Instrumentation	Susmita Das, Sayan Kumar Swar, Sayanti Rudra, Argha Mitra, Anumita Dey, Moumita Paul Chowdhury	5	4	3034-3040	5.621
Human Counter Using Laser Beam With Door Alarm	International Journal Of Innovative Research In Computer And Communication Engineering	Susmita Das, Sayan Kumar Swar, Swarup Dasgupta, Krishnendu Chowdhury, Debajyoti Gupta Sharma, Pranay Das	4	3	3785-3790	6.577
Approach Of Thought Control Using Electro-Oculogram Signal For Different Eyeball Positions	International Journal For Scientific Research & Development	Susmita Das, Sagar Patra, Mugdha Mondal, Swarup Dasgupta, Debojyoti Gupta Sharma	3	11	592-593	2.39
A Case Study On Effects Of Low Pass Filtering Over Facial Image Processing And Proper Edge Detections	International Journal Of Innovative Research In Science, Engineering And Technology	Dibyendu Sur, Sayanti Rudra, Srijita Mitra, Saikat Mitra	5	7	13394 - 13402	6.209
Design Approach Of Eye Tracking And Mind Operated Motorized System	International Journal Of Innovative Research In Science, Engineering And Technology	Susmita Das, Sayan Kumar Swar, Shrisom Laha, Subhankar Mahindar, Suchetana Halder, Koushik Hati, Sandipan Deb	5	8	14349 - 14357	6.209
Dc Motor Movement Controlled By	International Journal Of	Arijita Das, Bansari Deb	Vol 3	4	39-42	4.855

Gestureorientation Using Arduino	Engineering Research In Electronic And Communication Engineering	Majumder, Dibyendu Sur, Susmita Das, Kaushik Pal, Mugdhamonda I				
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Department: CSE

Title Of The Paper	Name Of The Journal	Author(S)	Volume	Issue No.	Page Nos.	Impact Factor (if any)
Condensed Matrix Descriptor For Protein Sequence Comparison	Analytical Mass Spectrometry And Chromatography	Jayanta Pal, S. Ghosh, D. Maji, D.K. Bhattacharya	4	1	1-13	0.67
Use Of Fft In Protein Sequence Comparison Under Their Binary Representations	Computational Molecular Bioscience	Jayanta Pal, S. Ghosh, B. Maji, D.K. Bhattacharya	6	2	33-40	0.93
An Improved Approach For Document Image Mosaicing	Advanced Research In Computer Science And Software Engineering,	Mousumi Saha, Mainak Chakraborty, Tamasree Biswas	6	2	51-55	2.5
A Novel Approach For Descriptive Answer Script Evaluation	Advanced Research In Computer Science And Software Engineering,	Mousumi Saha, Mainak Chakraborty, Tamasree Biswas	6	3	399-403	2.5
An Approach To Implement Data Mining In Service Oriented Methodo-Logy Towards Ame-Lioration Of Society	Innovations In Engineering And Technology	Tamasree Biswas, Mousumi Saha, Soumya Bhattacharya	6	3	299-303	0.672
Route Prediction From Mobility Pattern Of Cell Phone Users	Latest Trends In Engineering And Technology	Tamasree Biswas, Shouvik Halder, Mousumi Saha	6	4	260-265	0.685
Binary expansion based denoising algorithm for an image corrupted by Gaussian noise	CSI transactions on ICT (Springer)	Shubhendu Banerjee, Arijit Taraphdar, Rajib Bag, Atanu Das	5	1	103-107	

Department: IT

Title Of The Paper	Name Of The Journal	Author(S)	Volume	Issue No.	Page Nos.	Impact Factor (if any)
An Approach To Handle Software Designing Defects To Produce High Quality Acceptable Software	International Journal Of Computer Science And Mobile Computing (Ijcsmc)	Anirban Bhar Soumya Bhattacharyya	5	6	1-6	0.525
An Efficient Framework To Identify Quality Attributes And To Provide Flexibility In Development	International Journal Of Engineering Sciences & Research Technology (Ijesrt)	Shimontini Majumder Suchandra Nath Chakraborty Anirban Bhar	5	7	74-80	0.411
Analyzing Different Features Of Artificial Neural Networks And Its Applications In Different Fields	International Journal Of Innovative Research In Science, Engineering And Technology	Sujata Kundu Shyamapriya Chowdhury Soumya Bhattacharyya	5	3		
Soft Testing Life Cycle: A Guideline To Model, Analysis And Verify Nfr	International Journal Of Latest Trends In Engineering & Technology	Anirban Bhar Sabnam Sengupta	6	3	271-276	0.685
An Approach To Implement Data Mining In Service Oriented Methodology Towards Amelioration Of Society	International Journal Of Innovations In Engineering & Technology	Tamasree Biswas Mousumi Saha Soumya Bhattacharyya	6	3	299-303	
An Improved Approach For Document Image Mosaicing	International Journal Of Advanced Research In Computer Science And Software Engineering	Mousumi Saha Mainak Chakraborty Tamasree Biswas	6	2	51-55	
A Novel Approach For Descriptive Answer Script Evaluation	International Journal Of Advanced Research In Computer Science And Software Engineering	Mousumi Saha Mainak Chakraborty Tamasree Biswas	6	3	399-403	
Route Prediction From Mobility Pattern Of Cell Phone Users	International Journal Of Latest Trends In Engineering And Technology	Tamasree Biswas Shouvik Halder Mousumi Saha	6	4	260-265	

Scheduler Aware Algorithm For Operating System Support For Java Virtual Machine	International Journal Of Enhanced Research In Management & Computer Applications	Shyamapriya Chowdhury Sudip Chatterjee	5	4		
A Thorough Study Of Different Types Of Inheritance Using Object Oriented Programming With Java	International Journal Of Advanced Research In Computer Science And Software Engineering	Shyamapriya Chowdhury Sudip Chatterjee	6	2	1-5	
Systematic Approach Of Data Fusion Technique In Rfid Sensor Network Using Neuro-Fuzzy Technique	International Journal Of Computer Applications	Sujata Kundu, Chayan Ranjit	139	9		
Image Mining Techniques For Efficient Searching Of Images From Internet	International Journal Of Enhanced Research In Science, Technology & Engineering	Aarigin Hazra, Krishnendu Bhattacharjee, Arnab Ghosh, Tamasree Biswas	5	4	83-87	
Condensed Matrix Descriptor For Protein Sequence Comparison	International Journal Of Analytical Mass Spectrometry And Chromatography	Soumen Ghosh, Jayanta Pal, Bansibadan Maji, Dilip Kumar Bhattacharya	4	1	1 – 13	0.67
Use Of Fft In Protein Sequence Comparison Under Their Binary Representations	Computational Molecular Bioscience	Jayanta Pal, Soumen Ghosh, Bansibadan Maji, Dilip Kumar Bhattacharya	6	2	33 - 40	0.93

Department: ME

Title Of The Paper	Name Of The Journal	Author(S)	Volume	Issue No.	Page Nos.	Impact Factor (if any)
Tribological Behaviour Of Electroless Ni-P Coatings In Various Corrosive Environments	Surface Review And Letters	B. Panja, S.K. Das And P. Sahoo	23	5	16500 40 (1-18)	0.367

Optimization Of WEDM Process Parameters Of En47 Spring Steel Based On Roughness Using Taguchi Method	IOSR Journal Of Mechanical And Civil Engineering	S. Banerjee, S. Mitra And B. Panja	13	3	46-50	1.753
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Department: BSHU

Title Of The Paper	Name Of The Journal	Author(S)	Volume	Issue No.	Page Nos.	Impact Factor (if any)
Analysis And Prediction Of Methane Emission In India, China, Japan And Southeast Asian Countries	Asian Journal Of Science And Technology	Sumit Nandi And Pijush Basak	7	1	2275-2279	5.544
Studies on enzymatic production of biodiesel from jatropa curcas oil by varying alcohols	Journal of Chemical, Biological and Physical Sciences	Sumit Nandi and Rupa Bhattacharyya	6	1	311-320	
Physico-mechanical and thermal property modification of PVC by using a methacrylate polymer	Advances in Polymer Science and Technology	Rupa Bhattacharyya and Sumit Nandi	6	1	8-12	
We In The Indian Milieu	English Studies International Research Journal	Rajasi Ray	1	4	52 - 56	
Ritz variational calculation for the spherically confined helium-like ions	Int. J. Quan. Chem.	J. K Saha, S. Bhattacharyya and T K Mukherjee	116		1802	2.92
Structural properties of few body atomic systems under plasma environments	Asian J. Phys.	S. Dutta, J. K. Saha, S. Bhattacharyya and T. K. Mukherjee	25		10	
Binding energies of atoms under Maxwellian dusty plasma environment	Int. Rev. At. Mol. Phys	S. Dutta, J. K. Saha, S. Bhattacharyya and T. K.	73		6(2)	

		Mukherjee				
Insights from the Analysis of Binding Sites of Human Meprins: Screening of Inhibitors by Molecular Dynamics Simulation Study	Combinatorial Chemistry and High Throughput Screening	A. Chaudhury, S. Chakraborty, A K Bera, Indrani Sarkar	19		246-258	3.15
A comparative mathematical analysis of methane emission in India and USA	Int. Res. J. of Env. Sc	Dr. Pijush Basak, Dr. Sumit Nandi	6	2	55-58	0.675
Monsoonal Rainfall of Gangetic West Bengal: Empirical Modeling and Forecasting	Int. J. Earth and Atmospheric Science	Dr. Pijush Basak	3	2	57-62	
Autoregressive Model Development of Some Rainfall Stations Of Assam'	International Journal of Advances in Engg. Sc. & Technology	Dr. Pijush Basak	5	2	69-83	
A comparative study of enzyme efficacy for biodiesel production from jatropa curcas oil	SSRG International Journal of Applied Chemistry	Sumit Nandi, Rupa Bhattacharyya, Anupal Chowdhury	3	6	1-5	0.536

Department: CA

Title Of The Paper	Name Of The Journal	Author(S)	Volume	Issue No.	Page Nos.	Impact Factor
Real-Time Damage Detection In Laminated Composite Beams Using Dynamic Strain Response And Modular Neural Arrays For Aerospace Applications	International Research Journal Of Engineering And Technology (Irrjet)	Sanjay Goswami And Partha Bhattacharya	2	3	2060-2069	
Kruskal's Maximal Spanning Tree Algorithm For Optimizing Distribution Network Topology To Improve Voltage Stability	Electric Power Components And Systems	Dipu Sarkar, Abhinandan De, Chandan Kumar Chanda And Sanjay Goswami	43		1921-1930	
Analysis Of Spectrum Sharing In Cognitive Radio Network	Ciit International Journal	Subhasree Bhattacharjee	7	9		1.953

Optimization of Average Packet Drop Time in CRN Using DE Algorithm	CSI Transactions on ICT	Gangotri Ghosh, Abhijeet kumar Sharma, Sandeep Kumar and Subhasree Bhattacharjee	5	1	67–70	3.192
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