

Table of Contents

SL. NO.	TITLE OF THE PAPER	NAME OF THE AUTHOR/S	PAGE NO.
1	PERFORMANCE EVALUATION OF MULTIFOCUS COLOR IMAGE FUSION USING EXTENDED SPATIAL FREQUENCY AND WAVELET-BASED FOCUS MEASURES IN STATIONARY WAVELET TRANSFORM DOMAIN	N. Radha ¹ , T. Ranga Babu ²	1-18
2	DURABILITY STUDIES ON LIGHTWEIGHT FIBER REINFORCED CONCRETE BY INCORPORATING PALM OIL SHELLS	Durga Chaitanya Kumar Jagarapu ¹ , Arunakanthi Eluru ²	19-30
3	INVESTIGATION THE HOLMIUM EMISSION SPECTRA IN THE (200-400) NM REGION	Nibras N. mahmood ¹ , Mahmoad SH. Mahmoad ²	31-38
4	Malicious Node Restricted Quantized Data Fusion Scheme for Trustworthy Spectrum Sensing in Cognitive Radio Networks	Arpita Chakraborty ¹ , Jyoti Sekhar Banerjee ² , Abir Chattopadhyay ³	39-56
5	DESIGN OF LOW POWER DICKSON CHARGE PUMP USING THE ASSOCIATED CIRCUIT AT SYSTEM LEVEL	Gyan Prabhakar ¹ , Rajendra Pratap ² , R.K. Singh ³ , Abhishek Vikram ⁴	57-72
6	OPTIMUM PAATH TRACKING AND CONTROL FOR A WHEELED MOBILE ROBOT (WMR)	Kawther K Younus ¹ , Nabil H Hadi ²	73-95
7	MODIFIED DFT SPREAD FILTER BANK MULTI CARRIER ACCESS WITH POLY PHASE NETWORK	Kommabatlal Mahender ¹ , K.S Ramesh ² , Tipparti Anil Kumar ³	96-107
8	A STUDY ON SENTIMENT POLARITY IDENTIFICATION OF INDIAN MULTILINGUAL TWEETS THROUGH DIFFERENT NEURAL NETWORK MODELS	Koyel Chakraborty ¹ , Sudeshna Sani ² , Rajib Bag ³	108-117
9	STUDY THE BAYESIAN APPROACH FOR COMPUTING RETURN LEVELS OF EXTREME RAINFALL AT KHYBER PAKHTUNKHWA (KPK), PAKISTAN	Muhammad Ali ¹ , Syed Asif Ali ² , Muhammad Jawed Iqbal ³ , Zohaib Aziz ⁴ , Bulbul Jan ⁵	118-127
10	VIEW-ROBUST HUMAN ACTION RECOGNITION BASED ON SPATIO-TEMPORAL SELF SIMILARITIES	K. Pradeep Reddy ¹ , G. Apparao Naidu ² , B Vishnu Vardhan ³	128-146
11	PEV BASED FILTER BANK FOR DIGITAL HEARING AID APPLICATION: PEVFB	N. Subbulakshmi ¹ , R. Manimegalai ²	147-159
12	IDENTIFYING ORGANIZATIONAL CULTURE IN PRIVATE INSTITUTIONS OF HIGHER LEARNING IN INDIA	Navneesh Tyagi ¹ , D. Baby Moses ² , Shashikant Rai ³ , Ram Mohan Mishra ⁴	160-167
13	STUDY EFFECT OF USING A DIFFERENT BEARINGS COMBINATION ON THE DYNAMIC RESPONSE OF ROTOR BEARING SYSTEMS	Tariq M. Hammza ¹ , Salman H. Omran ² , Nassear R. Hmoad ³	168-181
14	EFFECTIVE SEGMENTATION OF MR BRAIN IMAGES USING HYBRID CLUSTERING MECHANISM AND SAVITZKY-GOLAY FILTER	Bhasker Dappuri ¹ , Suman Mishra ² , N. Lakshmi Devi ³	182-191
15	COMPARATIVE ANALYSIS OF MC-SPWM AND MSVPWM FOR SEVEN LEVEL DIODE CLAMPED MULTILEVEL INVERTER	K. Rajasekhara Reddy ¹ , V. Nagabhaskar Reddy ² , M. Vijaya Kumar ³	192-208
16	MATHEMATICAL STRUCTURE THEORY AS A SOURCE FOR BIG DATA SCIENCE	MD Mobin Akhtar ¹ , Danish Ahamad ² , Ahmed Marzouq Alotaibi ³	209-216
17	CELLULAR AUTOMATA: LINEAR PREDICTION OF NON-OVERLAPPING CODONS IN A GENOME EVOLUTION	Rama Naga Kiran Kumar. K ¹ , Ramesh Babu. I ²	217-238
18	CELLULAR AUTOMATA: SUPERNATURAL MODELING AND ANALYZING OF GENOME EVOLUTION	Rama Naga Kiran Kumar. K ¹ , Ramesh Babu. I ²	239-247
19	A STURDY NON-NEGATIVE MATRIX FACTORIZATION FOR NONLINEAR HYPERSPECTRAL UNMIXING	M. Venkata Sireesha ¹ , P V Naganjaneyulu ² , K. Babulu ³	248-262
20	ROBUST HIERARCHICAL CLUSTERING TECHNIQUE OF WSN TO PROLONG NETWORK LIFETIME	Md. Shamim Hossain ¹ , Md. Ibrahim Abdullah ² , Md. Martuza Ahamad ³ , Md. Alamgir Hossain ⁴ , Md. Shohidul Islam ⁵	263-274

21	SIMULATION OF RIVER HYDRAULIC MODEL FOR FLOOD FORECASTING THROUGH DIMENSIONAL APPROACH	Engr Uzair Ali ¹ , Engr Syed Shujaat Ali ²	275-282
22	ENHANCING SYSTEM CAPACITY FOR 2D SPECTRAL TEMPORAL OPTICAL CODE DIVISION MULTIPLE ACCESS SYSTEMS	Mansoor Qadir ¹ , Yousaf Khan ² , M. Alfiras ³	283-290
23	REMOVAL OF ECG SIGNALS ARTIFACTS USING MULTISTAGE ADAPTIVE FILTERING TECHNIQUE	Faizan Ahmad Khan Durrani ¹ , Samad Baseer ² , Aamir Mehmood ³ , Mehr-e-Munir ⁴ , Laeeq Aslam ⁵	291-302
24	TO EVALUATE THE MECHANICAL PROPERTIES OF SELF-HEALING CONCRETE STRENGTHENED WITH STEEL FIBERS	Muhammad Saqib ¹ , Qazi Sami Ullah ² , Hamza Mustafa ³ , Yaseen Mahmood ⁴ , Usama Ali ⁵ , Abdul Farhan ⁶	303-311
25	ESTIMATION OF CLIMATE CHANGE INDUCED GROUND WATER LEVELS AND RECHARGE OF GROUND WATER BY PROPOSING RECHARGE WELLS AT NARAI KHWAR HAYATABAD PESHAWAR	Engr Syed Shujaat Ali ¹ , Engr Mohsin Iqbal ² , Engr Yaseen Mahmood ³ , Engr Abdul Farhan ⁴	312-327
26	NUMERICAL ASSESSMENT OF RAINFALL INDUCED SLOPE FAILURE	Kavin kumar C ¹ , Heeralal M ² , Rakesh J Pillai ³	328-338
27	An Optimized Clustering Method to Create Clusters Efficiently	P. Praveen ¹ , B. Rama ²	339-348