

Table of Contents

SL. NO.	TITLE OF THE PAPER	NAME OF THE AUTHOR/S	PAGE NO.
1	FLATTEN THE CURVE AND RAISE THE LINE TO REDUCE THE RISK OF COVID-19	Ch. Vinay Kumar Reddy ¹ , I. Rajasri ² , Sammaiah ³	1-7
2	SIGNIFICANT CHANGES IN INDIA DURING LOCK DOWN PERIOD WITH AN IMPACT OF COVID-19	Adla Rajesh ¹ , R. Shashi Kumar Reddy ² , M. Shiva Chander ³	8-16
3	ON SIMPLIFIED FRICTION PROBLEM THE ELLIPTIC VARIATIONAL INEQUALITY FOR A	Sahar Muhsen Jaabar	17-24
4	RURAL ELECTRIFICATION WITH RENEWABLE ENERGY FED DC MICRO GRID	M. Sai Krishna Reddy ¹ , D. Elangovan ²	25-38
5	JOINED HETEROGENEOUS CLOUDS RESOURCES MANAGEMENT: AN ALGORITHM DESIGN	Zayyanu Umar ¹ , Agozie Eneh ² , Okereke George E. ³	39-52
6	DESIGN OF HIGH PERFORMANCE ADDER USING MODIFIED GDI BASED FULL ADDER	P. Kishore ¹ , K.C.Koteswaramma ² , Y. Chalapathi Rao ³	53-62
7	EFFECT OF PULSE DURATION ON HOLE QUALITY OF UNDERWATER GLASS DRILLING USING CO ₂ LASER	Laith Hassan Auda ¹ , Ahmed R. Al-Hamaoy ²	63-72
8	RETURN LEVEL ESTIMATES OF MAXIMUM TEMPERATURE FOR DIFFERENT RETURN PERIOD	Muhammad Ali ^{1*} , Syed Asif Ali ² , Imtiaz Hussain ³ , Faisal Nawaz ⁴	73-86
9	CERTAIN EQUATION OF CENTRALIZERS ON SEMIPRIME INVERSE SEMIRING	D. Mary Florence ¹ , R. Murugesan ² , P. Namasivayam ³	87-92
10	ON TRANSVERSAL VIBRATIONS OF AN AXIALLY MOVING STRING UNDER STRUCTURAL DAMPING	Sunny Kumar Aasoori ¹ , Rajab A. Malookani ² , Sajad H. Sandilo ³ , Sanaullah Dehraj ⁴ , A.H. Sheikh ⁵	93-108
11	RELATIONSHIP BETWEEN COLORING, EMBEDDING AND DECYCLING NUMBER OF A GRAPH	Sajid Hussain ¹ , Ren Han ² , Nisar Hussain Khoja ³	109-127
12	REAL TIME MONITORING OF WOMAN SAFETY WITH LOCATION TRACKING SYSTEM	Sharvani Yedulapuram ¹ , Rajeshwarrao Arabelli ² , K. Ravi kiran ³ , Kanegonda Ravi Chythanya ⁴	128-135
13	A SCIENTIFIC APPROACH TO CONTROL THE SPEED DEVIATION OF DUAL REGULATED LOW-HEAD HYDRO POWER PLANT CONNECTED TO SINGLE MACHINE INFINITE BUS	Nagendrababu Mahapatruni ¹ , Velangini Sarat P. ² , Suresh Mallapu ³ , Durga Syamprasad K. ⁴	136-150
14	THE COMPARISON OF THE METHODS ESTIMATING THE FRACTIONAL DIFFERENCES OF PARAMETER AND ITS DEPENDENCE ON ESTIMATION THE BEST LINEAR MODEL OF TIME SERIES IN THE ENVIRONMENTAL FIELD	Saad Kazem Hamza ¹ , Shareen Ali Hussein ²	151-161
15	PERFORMANCE ANALYSIS OF FRUIT CROP FOR MULTICLASS SVM CLASSIFICATION	Shameem Fatima ¹ , M. Seshashayee ²	162-173
16	CHARACTERISTIC BEHAVIOUR OF RARE EARTH DOPED OXYFLUOROBORATE GLASSES	S. Farooq ¹ , V.B. Sreedhar ² , R. Padmasuvarna ³ , Y. Munikrishna Reddy ⁴	174-187
17	SOFT $g^*\beta$ CLOSED SETS IN SOFT TOPOLOGICAL SPACES	Punitha Tharani. A. ¹ , Sujitha. H. ²	188-195
18	SELF-DIRECTED FIRE FIGHTING ROBOT USING INTERNET OF THINGS AND MACHINE LEARNING	Rajeshwarrao Arabelli ¹ , T.Bernatin ²	196-203
19	SMART SECURITY SYSTEM FOR RURAL AREAS	Ramaswamy Malothu ¹ , Sandeep Kumar V. ²	204-212
20	HYBRID ALGORITHM FOR INDOOR BASED LOCALIZATION	Riam M. Zaal ¹ , Eyad I. Abbas ² , Mahmood F. Mosleh ³	213-225
21	THE FORMULATION AND VISUALIZATION OF 3D FRACTALS AS REAL-TIME MODELS	Rama Bulusu	226-231
22	INVERSION FORMULA FOR THE CONTINUOUS LAGUERRE WAVELET TRANSFORM	C.P. Pandey ¹ , Sunil Kumar Singh ² , Jyoti Saikia ³	232-239
23	DBN BASED EKF ALGORITHM FOR DETECTION AND CLASSIFICATION OF HIF IN DISTRIBUTION SYSTEM	N. Narasimhulu ¹ , D.V. Ashok Kumar ² , M. Vijaya Kumar ³	240-253

24	A FUZZY LOGIC BASED SOFTWARE DEVELOPMENT COST ESTIMATION MODEL WITH IMPROVED ACCURACY	Shrabani Mallick ¹ , Dharmender Singh Kushwaha ²	254-264
25	A RASCH MODEL ANALYSIS ON TEACHERS' INNOVATIVE BEHAVIOUR PSYCHOMETRIC ITEMS	Mohammed Afandi Zainal ¹ , Mohd Effendi @ Ewan Mohd Matore ²	265-276
26	IMAGE RECOMMENDATION IN SOCIAL NETWORKS USING SOCIO RECOMMEND FRAMEWORK	Vasam Srinivas ¹ , Ch. Sidhartha ² , D. Kothandaraman ³	277-281
27	ON LAPLACE TRANSFORM AND (IN) STABILITY OF EXTERNALLY DAMPED AXIALLY MOVING STRING	Sanaullah Dehraj ¹ , Rajab A. Malookani ² , Sajad H. Sandilo ³	282-298
28	FOOD SAFETY USING RFID TAGS IN BLOCKCHAIN TECHNOLOGY	Shiela David ¹ , R. Aroul Canessane ²	299-306
29	SERVICE QUALITY DIMENSIONS-A STUDY OF SELECT PUBLIC AND PRIVATE SECTOR BANKS OF WARANGAL DISTRICT	D. Srinivas ¹ , K. Rajkumar ² , N. Hanumantha Rao (Retd) ³	307-314
30	STATIC HAND GESTURE RECOGNITION FOR ASL USING MATLAB PLATFORM	Sallauddin Mohmmad ¹ , Ramesh Dadi ² , A. Harshavardhan ³ , Syed Nawaz Pasha ⁴ , Shabana ⁵	315-329
31	MATHEMATICAL INPUT-OUTPUT RELATIONSHIPS & ANALYSIS OF FUZZY PD CONTROLLERS	R. Shashi Kumar Reddy ¹ , M.S. Teja ² , M. Sai Kumar ³ , Shyamsunder Merugu ⁴	330-340
32	BIG DATA IN HETEROGENEOUS CYBER PHYSICAL SYSTEMS: A REVIEW	Vishali Sivalenka ¹ , Srinivas Aluvala ² , Khaja Mannanuddin ³	341-354
33	MULTIPLE NASH REPUTATION CROSS LAYER CLASSIFICATION FRAMEWORK FOR COGNITIVE NETWORKS	Ganesh Davanam ¹ , T. Pavan Kumar ² , M. Sunil Kumar ³	355-367
34	EFFICIENCY OF DATA TECHNOLOGIES THAT ARE DRIVING THE CURRENT SURGE IN ARTIFICIAL INTELLIGENCE	Geeta Mahadeo Ambildhuke ¹ , Nandula Anuradha ² , Anitha Vemulapalli ³	368-378
35	A FRAMEWORK THAT USES FEATURE MODELS AND CORRESPONDING LABELS FOR MACHINE LEARNING ALGORITHMS	Nandula Anuradha ¹ , Anitha Vemulapalli ² , Geeta Mahadeo Ambildhuke ³	379-390
36	RISK ASSESSMENT FOR BIG DATA IN CLOUD COMPUTING ENVIRONMENT FROM THE PERSPECTIVE OF SECURITY, PRIVACY AND TRUST	Anitha Vemulapalli ¹ , Nandula Anuradha ² , Geeta Mahadeo Ambildhuke ³	391-402
37	ARCHITECTURALCOMPONENTS AND EMERGING COMPUTING ARCHITECTURES TOWARDS CLOUD COMPUTING	G. Ranadheer Reddy ¹ , V. Pranathi ² , P. Pramod Kumar ³	403-417
38	ML ALGORITHMS CATEGORIZATION AND INTERSECTION OF STATISTICS AND COMPUTER SCIENCE IN MACHINE LEARNING	V. Pranathi ¹ , G. Ranadheer Reddy ² , P. Pramod Kumar ³	418-432
39	CONVERGENCE OF MULTIMEDIA WITH WEB MINING	G. Ranadheer Reddy ¹ , V. Pranathi ² , P. Pramod Kumar ³	433-442
40	SECURITY TO PRUDENT CYBERCRIMES	G. SUNIL ¹ , SRINIVAS ALUVALA ² , NAHEER FATIMA ³ , SANA FARHEEN ⁴ , AREEFA ⁵	443-456
41	FACE-RECOGNITION BASED SECURITY SYSTEM USING DEEP LEARNING	Dadi Ramesh ¹ , Yerrolla Chanti ² , Syed Nawaz Pasha ³ , Mohammad Sallauddin ⁴	457-463
42	REVIEW ON SIMPLIFYING IOT THE USAGE OF NEAR FIELD COMMUNICATION (NFC) IN DIGITAL GADGET	B. Swathi ¹ , Yerrolla Chanti ²	464-472
43	SOLVING PURE INTEGER PROGRAMMING PROBLEMS WITHOUT USING GOMORIAN CONSTRAINT BY USING CMI METHOD	S. Cynthiya Margaret Indrani ¹ , N. Srinivasan ²	473-482
44	DESIGN AND IMPLEMENTATION OF A GESTURE CONTROLLED ROBOTIC ARM	Sridevi Chitti ¹ , Narsingoju Adithya ²	483-490

45	NON-LINEAR SLIDING MODE CONTROL OF WHEELED MOBILE ROBOT WITH THE PRESENCE OF DYNAMIC UNCERTAINTY AND TIME-VARYING DISTURBANCE	Iman Abdalkarem Hassan ^{1*} , Nabil Hassan Hadi ² , Whab K. Yousif ³	491-506
46	INVESTIGATING THE INFLUENCE OF COMBINED STRESSES ON DYNAMIC CRACK PROPAGATION IN THIN PLATE	Bassam Ali Ahmed ¹ , Fathi Abdulsahib Alshamma ²	507-523
47	OFFLINE SIGNATURE RECOGNITION USING SPATIAL METHOD DISTRIBUTION	Shahad S. Hadi ¹ , Nassir H. Salman ² , Loay E. George ³	524-544
48	IRAQI LICENSE PLATE RECOGNITION SYSTEM USING (YOLO) WITH SIFT AND SURF ALGORITHM	Nada Hassan Jasem ¹ , Faisal Ghazi. Mohammed ²	545-561
49	COMPARATIVE STUDY OF COMPUTATIONAL INTELLIGENCE PARADIGMS FOR INTELLIGENT ACCESS CONTROL BASED ON BIOMETRICS METHODOLOGIES	Shaymaa Adnan Abdulrahman ¹ , Mohamed Roushdy ² , Abdel-Badeeh M. Salem ³	562-585
50	ATVNP: ANTHROPOGENIC TEMPORAL VARIATION OF NO ₂ OVER PAKISTAN	Nasru Minallah ¹ , M. Nouman Khan ² , Waleed khan ³ , Khurram Shahzad ⁴ , Sozan Sulaiman Maghdid ⁵ , Sheeraz Ahmed ⁶	586-600
51	THREE LEVELS EFFECTIVE MEMORY ACCESS OPTIMIZATION ADDRESSING HIGH LATENCY ISSUES IN MODERN MEMORY DEPENDENT SYSTEMS	Muhammad Yousaf Ali Khan ¹ , Abid Saleem ² , Asif Nawaz ³ , Nasru Minallah ⁴ , Rehan Ali Khan ⁵ , Muneeb Sadat ⁶ , Zeeshan Najam ⁷ , Sheeraz Ahmed ⁸	600-618
52	INVESTIGATING THE MEDIAN FILTER OPERATION ON CPU AND GPU	Iyad Katib	619-627
53	AN IOT BASED ENERGY OPTIMIZATION TECHNIQUE FOR ELECTRICAL EQUIPMENT'S USING WIRELESS SENSOR NETWORKS	Hamayun Khan ¹ , Sheeraz Ahmed ² , Rehan Ali Khan ³ , S. Arhan Haider Shah ⁴ , Zeeshan Najam ⁵ , Hasnain Abbas ⁶ , Asif Nawaz ⁷ , Zubair Aslam Khan ⁸	628-646
54	THE OBJECTIVES FOR KEEPING THE MIND AND ITS APPLICATIONS IN ARTIFICIAL INTELLIGENCE E-GAMES AS A MODEL IN COVID-19 TIME	Yasser Mohamed Tarshany ¹ , Mohd Hafiz Yusoff ^{2*} , Rizalafande Che Ismail ³ , Samer Bamansoor ⁴ , Syarilla Iryani A. Saany ⁵ , Yousef A. Baker El-Ebiary ^{6*}	647-659
55	E-PAYMENT AND ACCOUNTING ISSUES IN INSURANCE COMPANIES IN THE USE OF E-COMMERCE	Rizalafande Che Ismail ¹ , Nahg Abdul majid Alawi ² , Mohd Hafiz Yusoff ³ , Syarilla Iryani A. Saany ⁴ , Samer Bamansoor ⁵ , Yousef A. Baker El-Ebiary ^{6*}	660-666
56	THE ONLINE SPEECH AND THE SUBJECT VIVACITY OF QURANIC DISCOURSE AND ITS EFFECT IN SEMANTIC: A RHETORICAL AND ANALYTICAL STUDY	Abdelrahman Moawad Ali Tahawi ¹ , Abdelsattar Abdelwahab Ayoub Othman ² , Ragab Ibrahim Ahmed Awad ³ , Elsayed Mohamed Salem Salem Elawadi ⁴ , Yousef A.Baker El-Ebiary ^{5*}	667-684
57	ELECTRONIC ARCHIVING AND THE METHODS OF RECORDING IN "AL-MUDZIL"	Abdelsattar Abdelwahab Ayoub Othman ¹ , Abdelrahman Moawad Ali Tahawi ² , Elsayed Mohamed Salem Salem Elawadi ³ , Ragab Ibrahim Ahmed Awad ⁴ , Yousef A.Baker El-Ebiary ^{5*}	685-705
58	TRENDS OF OPEN SOURCE SOFTWARE IN MISSION CRITICAL ITS SERVICES INFRASTRUCTURES ADOPTION IN LOCAL ENVIRONMENT	Umm-e-Laila ¹ , Najeed Ahmed Khan ² , Asad Arfeen ³ , Shahzad Hassan ⁴	706-726
59	SOME PROPERTIES OF SQUARE ABSORPTION SEMIRINGS	G Rajeswari ¹ , T Vasanthi ² , M Amala ³ , T Lakshmi Narayana ⁴	727-733
60	BLIND ROBUST WATERMARK BASED ON CHAOTIC MAP AND FREQUENCY TRANSFORM IN A COLORED IMAGE	Firas Tareq Abdulateef ¹ , Nada Hussein M. Ali ²	734-747

61	COMPARISON OF REAL DATASETS CHARACTERISTICS BY USING CLUSTERING APPROACHES	S. Rahamat Basha ¹ , M.Surya Bhupal Rao ² , Dr. P. Kiran Kumar Reddy ³	748-755
62	FREQUENCY ENCODED BINARY PATTERN: A NEW FEATURE DESCRIPTOR FOR MEDICAL IMAGE RETRIEVAL	R. Varaprasada Rao ^{*1} , JayachandraPrasad Talari ²	756-770
63	MAIZE FUTURES AS A RISK MANAGEMENT AND PRICE DISCOVERY TOOL AND THEIR CESSATION FROM MARKET. -AN ANALYSIS WITH REFERENCE TO MAIZE GROWING DISTRICTS OF KARNATAKA, ANDHRA PRADESH AND TELANGANA	V . Chandra Sekhar Rao ¹ , Arcot Purna Prasad ² , G.Vijaya Kumar ³	771-786
64	A STUDY ON INNOVATIVE MARKETING STRATEGY TOWARDS FAST MOVABLE CONSUMER GOODS (FMCG) INDUSTRIES IN INDIA	M. Sudheer Kumar ¹ , Varikunta Obulesu ²	787-798
65	SOCIO-ECONOMIC PROBLEMS - A STUDY OF SUGALI TRIBE IN JILLELAMANDA PEDDA THANDA, CHITTOOR DISTRICT, ANDHRA PRADESH	G.Kiran Kumar Reddy ¹ , Aliya Sultana ² , M.Surendra ³ , Y. Suneetha ⁴ , P. Kousar Basha ⁵	799-813
66	TENSOR COMPLETION WITH DCT BASED GRADIENT METHOD	Jyothula Sunil Kumar ¹ , N Durga Sowdamini ²	814-821
67	DESIGN OF SINGLE LINE TO THREE LINE POWER CONVERTER	M. Subba Rao ¹ , SakilaGopal Reddy ² , K. Sai Janardhan ³ , Sangu Harish Reddy ⁴	822-835