



HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

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DEPARTMENT OF INFORMATION TECHNOLOGY

RESEARCH PAPER PUBLICATIONS

S.No	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to the paper
1	ADAPTIVE SCHEDULED PARTITIONING TECHNIQUE FOR RELIABLE EMERGENCY MESSAGE BROADCASTING IN VANET FOR INTELLIGENT TRANSPORTATION SYSTEMS	Dr .I. JASMINE SELVAKUMARI JEYA	AUTOMATIKA	2022	0005-1144	https://www.tandfonline.com/doi/full/10.1080/00051144.2022.2140392
2	DEEP LEARNING BASED MOBILENET WITH DEEP BELIEF NETWORK FOR LUNG CANCER DIAGNOSIS IN IOT AND CLOUD ENABLED ENVIRONMENT	Dr I JASMINE SELVAKUMARI JEYA	INDIAN JOURNAL OF SCIENCE AND TECHNOLOGY	2022	0974-5645	https://indjst.org/articles/deep-learning-based-mobilenet-with-deep-belief-network-for-lung-cancer-diagnosis-in-iot-and-cloud-enabled-environment
3	ADVANCED LEAF DISEASE DETECTION SYSTEM USING MACHINE LEARNING	Dr. I.JASMINE SELVAKUMARI JEYA	INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS	2022	2348-1269	https://ijrar.org/papers/IJRA_R1CVP032.pdf
4	A SURVEY ON ANDROID MALWARE DETECTION USING MACHINE LEARNING	S. VINU	YMER	2022	0044-0477	https://ymerdigital.com/uploads/YMER2112K4.pdf
5	PREDICTION OF FAULT OCCURRENCES IN SMART CITY WATER DISTRIBUTION SYSTEM USING TIME-SERIES FORECASTING ALGORITHM	DIVYA GNANAVEL	MATHEMATICAL PROBLEMS IN ENGINEERING	2022	1563-5147	https://www.hindawi.com/journals/mpe/2022/9678769/

6	RG TECHNIQUE TO REDUCE THE FUEL CONSUMPTION AND CO2 EMISSION IN VANET	K. SUDHAKAR , R. MAHAVEERAKANNAN	EAI/SPRINGER INNOVATIONS IN COMMUNICATION AND COMPUTING	2022	2522-8595	<a href="https://link.springer.com/cha
pter/10.1007/978-3-030-
86165-0_16">https://link.springer.com/cha pter/10.1007/978-3-030- 86165-0_16
7	A SURVEY ON ALGORITHMS IN GAME THEORY IN BIG DATA	Dr RASI D	EAI/SPRINGER INNOVATIONS IN COMMUNICATION AND COMPUTING	2022	2522-8595	<a href="https://link.springer.com/cha
pter/10.1007/978-3-030-
86165-0_15">https://link.springer.com/cha pter/10.1007/978-3-030- 86165-0_15
8	MULTI-OBJECTIVE OPTIMIZATION OF ENERGY AWARE VIRTUAL MACHINE PLACEMENT IN CLOUD DATA CENTER	Dr B. GOMATHI	INTELLIGENT AUTOMATION AND SOFT COMPUTING	2022	1079-8587	<a href="https://www.techscience.co
m/iasc/v33n3/47104">https://www.techscience.co m/iasc/v33n3/47104
9	WIRELESS INTRUSION DETECTION BASED ON OPTIMIZED LSTM WITH STACKED AUTO ENCODER NETWORK	S. KARTHIC	INTELLIGENT AUTOMATION AND SOFT COMPUTING	2022	1079-8587	<a href="https://www.techscience.co
m/iasc/v34n1/47364">https://www.techscience.co m/iasc/v34n1/47364
10	MULTI-OBJECTIVE IMMUNE ALGORITHM FOR INTERNET OF VEHICLES FOR DATA OFFLOADING	Dr B. GOMATHI	INTELLIGENT AUTOMATION AND SOFT COMPUTING	2022	1079-8587	<a href="https://techscience.com/iasc/
v34n3/47939">https://techscience.com/iasc/ v34n3/47939
11	SECURING MEDICAL BIG DATA THROUGH BLOCKCHAIN TECHNOLOGY	S. KARTHIK, N. ILAYARAJA	IEEE	2022	2575-7288	<a href="https://ieeexplore.ieee.org/d
ocument/9785125">https://ieeexplore.ieee.org/d ocument/9785125
12	FHGSO: FLOWER HENRY GAS SOLUBILITY OPTIMIZATION INTEGRATED DEEP CONVOLUTIONAL NEURAL NETWORK FOR IMAGE CLASSIFICATION	Dr D. RASI	APPLIED INTELLIGENCE	2022	0924-669X	<a href="https://link.springer.com/arti
cle/10.1007/s10489-022-
03834-4">https://link.springer.com/arti cle/10.1007/s10489-022- 03834-4
13	HYBRID OPTIMIZATION ENABLED DEEP LEARNING MODEL FOR COLOUR IMAGE SEGMENTATION AND CLASSIFICATION	Dr D. RASI	NEURAL COMPUTING AND APPLICATIONS	2022	1433-3058	<a href="https://link.springer.com/arti
cle/10.1007/s00521-022-
07614-6">https://link.springer.com/arti cle/10.1007/s00521-022- 07614-6
14	INTELLIGENT TRAFFIC MANAGEMENT SYSTEM USING YOLO MACHINE LEARNING MODEL	Dr B. GOMATHI,	DISRUPTIVE TECHNOLOGIES FOR BIG DATA AND CLOUD APPLICATIONS	2022	1876-1119	<a href="https://doi.org/10.1007/978-
981-19-2177-3_12">https://doi.org/10.1007/978- 981-19-2177-3_12
15	ARTIFICIAL INTELLIGENCE OPTIMIZATION OF TURNING PARAMETERS OF NANOPARTICLE- REINFORCED P/M ALLOY TOOL	T. R. PRIYADHARSHINI	JOURNAL OF NANOMATERIALS	2022	1687-4110	<a href="https://www.hindawi.com/jo
urnals/jnm/2022/9225185/">https://www.hindawi.com/jo urnals/jnm/2022/9225185/

16	INTELLIGENT VEHICULAR COMMUNICATION USING VULNERABILITY SCORING BASED ROUTING PROTOCOL	Dr I. JASMINE SELVAKUMARI JEYA	INTELLIGENT AUTOMATION & SOFT COMPUTING	2022	2326-005X	https://www.techscience.com/iasc/v35n1/48132
17	ENSEMBLE BASED LEARNING WITH ACCURATE MOTION CONTRAST DETECTION	Ms. INDIRANI M	INTELLIGENT AUTOMATION & SOFT COMPUTING	2022	1079-8587	https://www.techscience.com/iasc/v35n2/48871
18	FUZZY-TWIN PROXIMAL SVM KERNEL-BASED DEEP LEARNING NEURAL NETWORK MODEL FOR HYPERSPECTRAL IMAGE CLASSIFICATION	Dr I. JASMINE SELVAKUMARI JEYA	NEURAL COMPUTING AND APPLICATIONS	2022	1433-3058	https://link.springer.com/article/10.1007/s00521-022-07517-6
19	HIGH UTILITY FUZZY PRODUCT MINING (HUFPM) USING INVESTIGATION OF HUWAS APPROACH	M. GANESAN	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	2022	1868-5145	https://link.springer.com/article/10.1007/s12652-021-03231-8
20	METAHEURISTICS WITH OPTIMAL DEEP TRANSFER LEARNING BASED COPY-MOVE FORGERY DETECTION TECHNIQUE	C.D PREMKUMAR	INTELLIGENT AUTOMATION & SOFT COMPUTING	2022	1079-8587	https://www.techscience.com/iasc/v35n1/48123
21	OPTIMIZED INTELLECTUAL RESOURCE SCHEDULING USING DEEP REINFORCEMENT Q-LEARNING IN CLOUD COMPUTING	J. UMA	TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES	2022	2161-3915	https://onlinelibrary.wiley.com/doi/abs/10.1002/ett.4463
22	ACCURATE RETRIEVAL OF HIGH UTILITY ITEM SETS FROM THE TRANSACTIONAL DATABASE TO SUPPORT SERVICE ORIENTED COMPUTING	Mr.M. GANESAN	TURKISH ONLINE JOURNAL OF QUALITATIVE INQUIRY (TOJQI)	2021	1309-6591	https://www.tojqi.net/index.php/journal/article/view/2054
23	A DYNAMIC APPROACH FOR DETECTING THE FAKE NEWS USING RANDOM FOREST CLASSIFIER AND NLP	J. ANTONY VIJAY	ADVANCES IN INTELLIGENT SYSTEMS AND COMPUTING	2021	2194-5357	https://link.springer.com/cha/10.1007/978-981-15-7907-3_25
24	TOPIC DETECTION USING MULTIPLE SEMANTIC SPIDER HUNTING ALGORITHM	Dr N RAJKUMAR	ADVANCES IN PARALLEL COMPUTING	2021	9275-452	https://ebooks.iospress.nl/doi/10.3233/APC210072

25	A HYBRID SVM-LDA BASED HEURISTIC METHOD FOR DIMENSIONALITY REDUCTION IN CANCER DETECTION USING GENETIC ALGORITHMS	S.KARTHIC	ANNALS OF THE ROMANIAN SOCIETY FOR CELL BIOLOGY	2021	1583-6258	https://www.annalsofrscb.ro/index.php/journal/article/view/2987
26	ALL IN ONE SECURE E-COMMERCE WEBSITE	R.AMUDHA	INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN COMPUTER AND COMMUNICATION ENGINEERING	2021	2319-5940	https://ijarce.com/papers/all-in-one-secure-e-commerce-website/
27	ENERGY OPTIMIZATION OF INTERNET OF THINGS IN WIRELESS SENSOR NETWORK MODELS USING TYPE-2 FUZZY NEURAL SYSTEMS	Dr DURAIRAJAN RASI	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS	2021	1074-5351	https://onlinelibrary.wiley.com/doi/abs/10.1002/dac.4967
28	IMPROVED DENSITY-BASED LEARNING TO CLUSTER FOR USER WEB LOG IN DATA MINING	R. MAHAVEERAKANNAN	INVENTIVE COMPUTATION AND INFORMATION TECHNOLOGIES	2021	2367-3370	https://link.springer.com/chapter/10.1007/978-981-33-4305-4_59
29	REMOVAL OF NOISES IN IOT BASED IMAGING FOR OPTIMIZED FACE RECOGNITION	Dr I JASMINE SELVAKUMARI JEYA	DESIGN ENGINEERING	2021	0011-9342	http://thedesigengineering.com/index.php/DE/article/view/4879
30	LUNG CANCER PREDICTION USING STOCHASTIC DIFFUSION SEARCH (SDS) BASED FEATURE SELECTION AND MACHINE LEARNING METHODS	Dr N. RAJKUMAR	NEURAL PROCESSING LETTERS	2021	1370-4621	https://link.springer.com/article/10.1007/s11063-020-10192-0
31	MONARCH BUTTERFLY OPTIMIZATION FOR RELIABLE SCHEDULING IN CLOUD	Dr B. GOMATHI	COMPUTERS, MATERIALS AND CONTINUA	2021	1546-2218	https://www.techscience.com/cmc/v69n3/44145
32	TEXT WITH IMAGE EDITING USING STEGANOGRAPHY	M INDIRANI	DESIGN ENGINEERING	2021	0011-9342	https://drive.google.com/file/d/1uG7DUMi7qRFyW9YbwcpCT4NpFo34hAH1/view?usp=share_link
33	A REVIEW: SMART FARMING USING IOT IN THE AREA OF CROP MONITORING	K.KAVITHA, P. ANITHA, M.SATHISHKUMAR, R.MAHAVEERAKANNAN	ANNALS OF THE ROMANIAN SOCIETY FOR CELL BIOLOGY	2021	1583-6258	https://www.annalsofrscb.ro/index.php/journal/article/view/5053/4043

34	LOCATION BASED ALARM SYSTEM DEPENDING ON LONGITUDE AND LATITUDE	Ms.R.AMUDHA	INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN COMPUTER AND COMMUNICATION ENGINEERING	2021	2319-5940	https://ijarce.com/wp-content/uploads/2021/06/IJARCE.2021.10540.pdf
35	HIGH UTILITY FUZZY PRODUCT MINING (HUFPM) USING INVESTIGATION OF HUWAS APPROACH(SPRINGER)	M GANESAN	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	2021	1868-5137	https://link.springer.com/article/10.1007/s12652-021-03231-8
36	A HYBRID SWARM INTELLIGENT FRAMEWORK TO SUPPORT EFFICIENT MILITARY COMMUNICATION IN MANET	K. SUDHAKAR	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	2021	1868-5137	https://link.springer.com/article/10.1007/s12652-020-01999-9
37	AN EFFICIENT ELLIPTIC CURVE STRATEGY FOR SECURE MEDIUM COMMUNICATION	M.SATHISHKUMAR, P.KAVIYAPRIYA	INTERNATIONAL JOURNAL OF ADVANCED ENGINEERING SCIENCE AND INFORMATION TECHNOLOGY	2021	2349-3216	http://ijaesit.com/index.php/home/article/view/27
38	MULTICLASS NORMALIZED CLUSTERING AND CLASSIFICATION MODEL FOR ELECTRICITY CONSUMPTION DATA ANALYSIS IN MACHINE LEARNING TECHNIQUES	Dr N. RAJKUMAR	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	2021	1868-5137	https://link.springer.com/article/10.1007/s12652-020-01960-w
39	A HEURISTIC ALGORITHM FOR DEADLINE-BASED RESOURCE ALLOCATION IN CLOUD USING MODIFIED FISH SWARM ALGORITHM	J. UMA, R. MAHAVEERAKANNAN	LECTURE NOTES IN NETWORKS AND SYSTEMS	2021	2367-3370	https://link.springer.com/chapter/10.1007/978-981-33-4305-4_1
40	A MODIFIED MACHINE LEARNING CLASSIFICATION FOR DENTAL AGE ASSESSMENT WITH EFFECTUAL ACM-JO BASED SEGMENTATION	Dr N.RAJKUMAR	INTERNATIONAL JOURNAL OF BIO-INSPIRED COMPUTATION	2021	1758-0366	https://doi.org/10.1504/IJBI C.2021.114089
41	LOAD DISTRIBUTED ENERGY-EFFICIENT CLUSTERING BASED HIERARCHICAL ROUTING PROTOCOL FOR MILITARY APPLICATIONS	SUDHAKAR.K, MAHAVEERAKANNAN.R	THE INTERNATIONAL JOURNAL OF ANALYTICAL AND EXPERIMENTAL MODAL ANALYSIS	2020	0886-9367	https://drive.google.com/file/d/1X4sPyjhRKSqquUcYnbM6fQwIUuHII/view

42	N-SEMI REGULAR GRAPH-BASED FUZZY SEMI-SUPERVISED LEARNING APPROACH FOR FAULT DETECTION AND CLASSIFICATION IN PHOTOVOLTAIC ARRAYS	M. GANESAN	INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY	2020	0976-6480	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3711496
43	SPATIOTEMPORAL PARTICLE SWARM OPTIMIZATION WITH INCREMENTAL DEEP LEARNING-BASED SALIENT MULTIPLE OBJECT DETECTION	M. INDIRANI Dr S. SHANKAR	INVENTIVE COMPUTATION AND INFORMATION TECHNOLOGIES	2020	2367-3389	https://link.springer.com/cha/pter/10.1007/978-981-33-4305-4_60
44	IMPROVED LOCAL FISHER DISCRIMINANT ANALYSIS BASED DIMENSIONALITY REDUCTION FOR CANCER DISEASE PREDICTION	Dr N. RAJKUMAR	INTERNATIONAL JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING (SPRINGER)	2020	1868-5137	https://link.springer.com/article/10.1007/s12652-020-02542-6
45	IOT ENABLED AIR POLLUTION MONITORING SYSTEM WITH DIGITAL DASHBOARD ON SMART PHONE	P. REVATHI	ZEICHEN JOURNAL	2020	0932-4747	https://drive.google.com/file/d/1ta8jGfkIO50_gKCV0n3CLTuPu1-9mkef/view
46	OPTIMAL FEED FORWARD NEURAL NETWORK BASED AUTOMATIC MOVING VEHICLE DETECTION SYSTEM IN TRAFFIC SURVEILLANCE SYSTEM	Dr N. RAJKUMAR	INTERNATIONAL JOURNAL OF MULTIMEDIA TOOLS APPLICATIONS (SPRINGER)	2020	1380-7501	https://link.springer.com/article/10.1007/s11042-020-08757-1
47	A SECURED ENERGY EFFICIENT DATA COMMUNICATION USING MULTI OBJECTIVE AWARE MICRO MACRO CLUSTERING WITH PACKET DROP ATTACK DETECTION FOR MILITARY APPLICATIONS IN MANETS	K.SUDHAKAR	JOURNAL OF GREEN ENGINEERING	2020	1904-4720	http://www.jgenng.com/volume10-issue11-2.php
48	THREE-DIMENSIONAL MRI BRAIN TUMOUR CLASSIFICATION USING HYBRID ANT COLONY OPTIMISATION AND GREY WOLF OPTIMISER WITH PROXIMAL SUPPORT VECTOR MACHINE	RAJESH SHARMA	INTERNATIONAL JOURNAL OF BIOMEDICAL ENGINEERING AND TECHNOLOGY	2019	1752-6418	https://www.inderscienceonline.com/doi/abs/10.1504/IJBET.2019.096879
49	IN TEXT MINING: DETECTION OF TOPIC AND SUB-TOPIC USING MULTIPLE SPIDER HUNTING MODEL	Dr N. RAJKUMAR	JOURNAL OF AMBIENT INTELLIGENT AND HUMANIZED COMPUTING, SPRINGER	2019	1868-5145	https://link.springer.com/article/10.1007/s12652-019-01588-5

50	NON-SMALL-CELL LUNG CANCER PREDICTION USING RADIOMIC FEATURES AND MACHINE LEARNING METHODS	Dr N. RAJKUMAR	INTERNATIONAL JOURNAL OF COMPUTERS AND APPLICATIONS	2019	1206-212X	https://www.tandfonline.com/doi/abs/10.1080/1206212X.2019.1693723?journalCode=tjca20
51	COMPLEX URBAN SURVEILLANCE BY TRACKING AND DETECTION OF VEHICLES	Dr N.RAJKUMAR	JASC: JOURNAL OF APPLIED SCIENCE AND COMPUTATIONS	2019	1076-5131	http://www.j-asc.com/gallery/3-june-2019.pdf
52	OPTIMIZED DEEP LEARNING NEURAL NETWORK MODEL FOR DOUBLY FED INDUCTION GENERATOR IN WIND ENERGY CONVERSION SYSTEMS	Dr D. RASI	INTERNATIONAL JOURNAL OF SOFT COMPUTING A FUSION OF FOUNDATIONS, METHODOLOGIES AND APPLICATIONS	2019	1432-7643	https://link.springer.com/article/10.1007/s00500-019-03947-y
53	GLOBAL BIOTIC CROSS-POLLINATION ALGORITHM ENHANCED WITH EVOLUTIONARY STRATEGIES FOR COLOR IMAGE SEGMENTATION	Dr D. RASI	SOFT COMPUTING	2019	1432-7643	https://link.springer.com/article/10.1007/s00500-018-03720-7
54	DEVELOPED GLOBAL BIOTIC CROSS POLLINATION ALGORITHM FOR CIS	Dr D. RASI	INTERNATIONAL JOURNAL OF BUSINESS INTELLIGENCE AND DATA MINING	2018	1743-8195	https://www.inderscience.com/offer.php?id=88424
55	EPSILON-FUZZY DOMINANCE SORT-BASED COMPOSITE DISCRETE ARTIFICIAL BEE COLONY OPTIMISATION FOR MULTI-OBJECTIVE CLOUD TASK SCHEDULING PROBLEM	Dr B. GOMATHI	INTERNATIONAL JOURNAL OF BUSINESS INTELLIGENCE AND DATA MINING	2018	1743-8195	https://www.inderscienceonline.com/doi/abs/10.1504/IJBIDM.2018.088435
56	TOWARDS FOG COMPUTING BASED CLOUD SENSOR INTEGRATION FOR INTERNET OF THINGS	Dr B.GOMATHI	INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND ENGINEERING COMMUNICATIONS	2017	1761-1773	https://www.researchgate.net/publication/322833326_Towards_Fog_Computing_based_Cloud_Sensor_Integration_for_Internet_of_Things