

S. N	Title of Lecture/Paper	Name of Seminars/ Conferences	Journal	Year
1.	Modified Three-Step Search Block Matching Motion Estimation and Weighted Finite Automata based Fractal Video Compression	INTERNATIONAL JOURNAL OF INTERACTIVE MULTIMEDIA AND ARTIFICIAL INTELLIGENCE, VOL 4, page-27-29	International journal of interactive multimedia and artificial intelligence	2017
2.	Design and Simulation of Sensor for Acquisition of Arterial PulseDetection	International journal of computers & technology, volume: 17 issue: 03, September 2018	International journal of computers & technology	2018
3.	Design of Non Invasive Pulse Rate Detector using LabVIEW	International Journal of Computer Applications (0975–8887) Volume 181 – No. 1, September 2018	International Journal of Computer Applications	2018
4.	Design And Development Of Iot Based General Purpose Brain Computer Interface System	International Journal of Biomedical Engineering and Technology 1, 3/07/2017 001752-64180	International Journal of Biomedical Engineering and Technology	2017
5.	Detection of Prakriti of Person using Arterial Pulse Detection System with Linear Vector Quantization Method	International Journal of Computer Science and Information Security (IJCSIS) ISSN-1947-5500, Vol. 14 No 10, October 2016 Pg 636-641	International Journal of Computer Science and Information Security (IJCSIS)	2017
6.	Nature Inspired Biological Computing (NIBC) Algorithm to Provide Quality of Service in Vehicular Ad-Hoc Network (VANET)	International Journal of Scientific & Engineering Research, Volume 8 Issue 2, February- 2017 ISSN 2229-5518 Pg 587-597,	International Journal of Scientific & Engineering Research	2017
7.	Performance Improvement of Traffic Flow Prediction Model using Combination of Support Vector Machine and Rough Set	International Journal of Computer Applications 163 (2)	International Journal of Computer Applications	2017
8.	Performance Improvement of Vehicular Ad-Hoc Network with Nature Inspired Biological Computing Algorithms	International Journal Hybrid Intelligence, Vol. 1, No. 1, 2019, pp 55-78	Int. J. Hybrid intelligence	2019
9.	Prediction of Dropout Students from Engineering Education using Educational Data Mining (EDM)	International Journal of Innovative research Computer and Communication Engineering ISSN(online) :2320-9801, Vol. -5 Issue 4, April 2017, 7370-7378	International Journal of Innovative research Computer and Communication Engineering	2017
10.	Mixed Signal Design of Fuzzy Logic based Systems memory	IJSSST, Vol. 10 No.4 Pg 11-18 2015	Ijssst	2015

11.	Performance of Artificial Neural Network for Traffic Flow Prediction	International Journal of Engineering Trends and Technology(IJETT) Special Issue Page No486-488(2015)	IJ of Engineering Trends and Technology(IJETT)	2015
12.	Prediction of Vehicle Collision Probability at Intersection using V2V Communication	International Journal of Scientific & Engineering Research	International Journal of Scientific & Engineering Research	2015
13.	Vehicular Ad-Hoc Network (VANET): A Review Based on Performance Parameters	International Journal of Advance Research in Computer Science and Management Studies; Volume 3, Issue 12, December 2015, PP 19-199	International Journal of Advance Research in Computer Science and Management Studies	2015
14.	Bio-Inspired Routing Protocol for Vehicular Adhoc Networks	International Journal of Advancements Research & Technology; ISSN: 2278- 7763 Impact Factor-04 Pp-262-268, Volume 3, Issue 4, April-2014	International Journal of Advancements Research & Technology	2014
15.	Designing of Grid Structure for Distributed Traffic Flow in Adhoc Network	International Journal of Computer Science and Network Security (IJCSNS) 141 (2014) : 25,	Ijcsns	2014
16.	Self-Adaptive Broadcasting Algorithm for VANET using Bio Inspired Computing	International Journal of Advance Research in Computer Science and Management Studies; Volume 2, Issue 3, March 2014; PP-65-70	International Journal of Advance Research in Computer Science and Management Studies	2014
17.	Design of 1v018 μ Folded Cascode Operational Amplifier for Switch Capacitor Sigma Delta Modulator	International Journal of Electrical and Electronics Engineering Research (IJEER), Vol. 3, Issue 4, Oct 2013, 223-232	International Journal of Electrical and Electronics Engineering Research (IJEER)	2013
18.	Research on Rough Set Approach To Traffic Flow Prediction	International Journal of Engineering Research and Technology, Vol. 2 No, 3 (March-2013), ESRSA Publications 2013	IJ of Engineering Research and Technology	2013
19.	Wireless monitoring of physiological data using Nexus-10 & Biotrace	International Journal of Electronics & Communication (IJEC) Vol 2 Issue 1 (2013)	IJ of Electronics & Communication (IJEC)	2013
20.	Longitudinal Control of Vehicle with Neural Fuzzy Networks Using Genetic and Gradient Algorithm	International Journal of Computer Science and Information Technology IJCSIT 2008, Vol. 1(2) 113-118	International Journal of Computer Science and Information Technology IJCSIT	2008
21.	Particle swarm optimization with genetic operators for vehicle routing problem	International Journal of Engineering Science and Technology (IJEST) 4(07),	IJ of Engineering Science and Technology (IJEST)	2012
22.	ANFIS Based Color Image Segmentation for Extraction of Salient Features: A Design Approach	International Journal on Recent Trends Engineering & Technology, 5(01),	Intj, on Recent Trends Engineering & Technology	2011
23.	Design of Homogeneous Multi-Core based Vehicular Embedded Controller	International Journal of Computer Applications, 28(5) Pg	IJ of Computer Applications	2011

		40-47, (2011).		
24.	Optimization of Traffic Flow through Signalized Intersections using PSO	International Journal OF ADVANCED ENGINEERING SCIENCES and TECHNOLOGIES May 2011 ISSN: 2230-7818	IJO ADVANCED ENGINEERING SCIENCES and TECHNOLOGIES	2011
25.	Design Approach Towards Improving the Overall Quality of Driving Experience in VANET	International Journal of Computer Science & Communication 1(1) (pg 211-213),	IJ of Computer Science & Communication	2010
26.	Design of Fuzzy Architectures with Mixed Signal Current Mode Techniques	SCIS & ISIS 2008 (Vol. 2008 No. 0 Pp, 582- 586) Japan Society for Fuzzy Theory and Intelligent Informatics,	Scis & isis	2008
27.	Fuzzy Logic: Instrumentation and Control Applications in Environmental Engineering	Journal of Instrument Society of India 34(2) Pg 109-120,	Journal of Instrument Society of India	2004
28.	Integrated Type-2 Fuzzy System for Controlling Throttle and Brake in Smart Car to Implement Car Following and Stop & Go Maneuver	IJCSNS International Journal of Computer Science and Network Security, VOL.11 No.12, December 2011, PP-17-24	Ijcsns	2011
29.	Recognition of Facial Expressions for Images using Neural Network	International Journal of Computer Applications (0975-8887) Volume 40-No.11, February 2012	International Journal of Computer Applications	2012
30.	Neurofuzzy Logic Concept to Find Prakriti of a Person Using Wireless Data Acquisition System	International Journal of Science and Research (IJSR), Volume 5 Issue 6, June 2016	International Journal of Science and Research (IJSR)	2016
31.	Bacterial Foraging Optimization Zone Based Routing (BFOZBR) Protocol for VANET	Kasmera, 44(2), 2016, 87-103	Kasmera	2016
32.	Quadtree partitioning and extended weighted finite automata-based fractal colour video coding	International journal image mining, vol. 2, no. 1, 2016, 31-56	Int. J. Image mining	2016
33.	Recognizing facial expressions using PCA and genetic algorithm	International Journal of Computer & Communication Technology 2(7), 32-35	International Journal of Computer & Communication Technology	2011
34.	Very Low Power Sigma Delta Modulator for Biomedical Applications	IOSR Journal of VLSI and Signal Processing (IOSR-JVSP) Volume 6, Issue 1, Ver. I (Jan. - Feb. 2016), PP01-08	IOSR Journal of VLSI and Signal Processing (IOSR-JVSP)	2016
35.	Application of The Multi Attribute Utility Technique with It's for Sustainability Evaluation of Emerging Metropolitan City of Nagpur	International Journal of Civil Engineering and Technology, 2019	International Journal of Civil Engineering and Technology	2019

36.	Design of Arterial Pulse Detection System for Detection of Prakriti of Person	International Journal of Engineering Research and General Science; Volume 3 Issue 2, March-April 2015 (pp 779-783)	International Journal of Engineering Research and General Science	2015
37.	Fractal Video Coding Using Modified Three-step Search Algorithm for Block-matching Motion Estimation	Advances in Intelligent Systems and Computing, 322, 2015	Advances in Intelligent Systems and Computing	2015
38.	Biologically Inspired Computing System for Facial Emotion Detection: a Design Approach	International Journal of Computer Applications 49 (5), 26-33, 2012	International Journal of Computer Applications	2012
39.	Approach for VHDL and FPGA implementation of communication controller of flexRay controller	Journal of Information, Hiding and Multimedia Signal Processing; ISSN: 2073-4212, Vol. 1 No 4, Oct 2010	Journal of Information, Hiding and Multimedia Signal Processing	2010
40.	A Neuro-Genetic System Design for Monitoring Driver's Fatigue	IJCSNS IJ of Computer Science and Network Security, 987-91,	IJCSNS IJ of Computer Science and Network Security	2009
41.	A Neuro-genetic system design for monitoring driver's fatigue: A design approach	International Journal of Simulation: Systems, Science and Technology, Vol 10 (5), 1-6, 2009	International Journal of Simulation: Systems, Science and Technology	2009
42.	Genetic Optimization of Fuzzy Logic controllers	International Journal of Simulation: Systems Science and Technology 10(4) Pp 19-24 2009,	International Journal of Simulation: Systems Science and Technology	2009
43.	Mixed signal design of Fuzzy Logic based systems	International Journal of Simulation: Systems Science & Technology, Vol. 10 No 4 ISSN: 1473- 804x September 2011	International Journal of Simulation: Systems Science & Technology	2009
44.	Optimal methods for the preservation of cartilage samples in MRI and correlative biochemical studies	Magnetic Resonance in Medicine, vol. 57, issue 5 (2007)	Magnetic Resonance in Medicine	2007
45.	Fractal Coding Based Video Compression Using Weighted Finite Automata	International Journal of Ambient Computing and Intelligence (IJACI) 9 (1), DOI: 10.4018/IJACI.2018010107	International Journal of Ambient Computing and Intelligence (IJACI)	2018
46.	A Review on Block Matching Motion Estimation and Automata Theory based Approaches for Fractal Coding	International Journal of Interactive Multimedia and Artificial Intelligence, 4, Regular Issue (2016),	International Journal of Interactive Multimedia and Artificial Intelligence	2016
47.	Design of cortical neuron circuits with VLSI design approach	Jsoft Computing 2(4),	JSoft Computing	2011

48.	A Novel fuzzy control of the intensity of head lights for night driving	IEEE intelligent vehicles symposium, proceedings (2000)	IEEE	2000
49.	Context-aware Personalized Mobile Web Search Techniques-A Review	International Journal of Computer Science and Information Technology IJCSIT 2011, Vol.220112440-2443,	IEEE	2011
50.	Design and Performance analysis of efficient bus arbitration schemes for on-chip shared bus Multi- processor SoC	Journal of Computer Science and Network Security, 8Pg250-255,	Journal of Computer Science and Network Security	2008
51.	Design approach for VHDL and FPGA Implementation of Automotive Black Box using CAN Protocol	(IJCSNS) International Journal of Computer Science and Network Security, Vol. 8 No9 September 2008	IEEE	2008
52.	Driver fatigue detection using mouth and yawning analysis	International Journal of Computer Science and Network Security, 8(6) Pg 183-188(2008)	IJ of Computer Science and Network Security	2008
53.	Implementation of complex fuzzy logic modules with VLSI approach	IJ on Computer Science and Network Security, 8 Pg172-178,	IJ on Computer Science and Network Security	2008
54.	Intelligent Speed Adaptation System with Hybrid Algorithm	International Journal Of Computer Science and Network Security, IJCSNS, Vol. 11 Issue (1) Pg 97-101,	International Journal Of Computer Science and Network Security, IJCSNS	2011
55.	Real-Time Vehicle Detection and Counting Method for Unsupervised Traffic Video on Highways.	IJCSNS International Journal of Computer Science and Network Security; Vol. 10 No 8, August-2010, Pages: 112-117	IJCSNS International Journal of Computer Science and Network Security	2010
56.	Vehicle Classification and Speed Measurement using Fuzzy-Neural Network Optimised by Genetic Algorithm: A Design Approach	Digital Technology Journal, 2(1), 61-65, 2009	Digital Technology Journal	2009
57.	Traffic flow prediction using combination of support vector machine and rough set	International Journal of Innovative Technology and Exploring Engineering	International Journal of Innovative Technology and Exploring Engineering	2019
58.	Application of the multi attribute utility technique with its for sustainability evaluation of emerging metropolitan city of Nagpur	International Journal of Civil Engineering and Technology, 10 (1), 2019	International Journal of Civil Engineering and Technology	2019
59.	Comparative Classification Techniques for Identification of Brain States Using TQWT Decomposition	Journal of Intelligent Fuzzy Systems, ISSN 1064-1246/2021–IOS Press.	Journal of Intelligent Fuzzy Systems	2020
60.	A FLC based Fingerprint Matching Algorithm for Images Captured with Android Camera for enhanced Security of Online Transaction	International Journal of Computer Science & Engineering ISBN 978-89-5519-163-9 PP 1193-1197, 2012	International Journal of Computer Science & Engineering	2012

61.	GA based low power sigma delta modulator for biomedical applications	Recent Advances Intelligent Computational Systems (RAICS) 2011 IEEE (pp, 772-776) IEEE,	Recent Advances Intelligent Computational Systems	2011
62.	Design Approach of Texture Classification using Discrete Cosine Transform with Soft Computing Tool	International Journal on Recent Trends Engineering & Technology 5(01)	International Journal on Recent Trends Engineering & Technology	2011
63.	Neurofuzzy Logic Concept to Find Prakriti of a Person Using Wireless Data Acquisition System	International Journal of Computer Applications, Volume 181, Issue 17, Pages 20-24	International Journal of Computer Applications	2022
64.	Design of Arterial Pulse Detection System for Detection of Prakriti of Person	International Journal of Science and Research (IJSR), ISSN (Online): 2319-7064	International Journal of Science and Research	2022
65.	Design of Arterial Pulse Detection System for Detection of Prakriti of Person	International Journal of Engineering Research and General Science Volume 3, Issue 2, March-April, 2015, ISSN 2091-2730	International Journal of Engineering Research and General Science	2015
66.	ANOVLMETHODTOENHANCETHERELIABILITYOFTRANSMISSION OVER SECURED SDWAN OVERLAY	Journal of Theoretical and Applied Information Technology, Volume 101, Issue 14, 2023	Journal of Theoretical and Applied Information Technology	2023
67.	COMPARATIVESTUDYANDPROPOSALTOUSEENHANCEDBELLMAN FORD ALGORITHM FOR FASTER PATH COMPUTATION ON SDWAN CONTROLLER	Journal of Theoretical and Applied Information Technology, Volume 101, Issue 16, 2023	Journal of Theoretical and Applied Information Technology	2023
68.	An Optimised Shortest Path Algorithm for network routing & SDN Improvement on Bellman-Ford Algorithm	International Journal on Recent and Innovation Trends in Computing and Communication, August 2023 Issue,	In Press	2023