Dr.N.KRISHNARAJ, M.E., Ph.D.,

Associate Professor

School of Computing

SRM Institute of Science and Technology (SRM University)

Kattankulathur 603203

Tamilnadu, India

PUBLICATIONS:

S.No	Title of the Paper, with Journal Name, Year of	ISBN/ISSN No.	Impact Factor, if	Authorship**
1	Publication, Vol. No., Page Nos., etc. An Efficient RADIX TRIE based Semantic-Visual Indexing Model for Large-Scale Image Retrieval in Cloud Environment, Software: Practice and Experience, Wiley Publication. 2020 DOI: 10.1002/spe.2834	1097-024X	Any* 1.931	First (SCI Journal)
2	Improved Distributed Frameworks to Incorporate Big Data through Deep Learning, Journal of Advanced Research in Dynamical & Control Systems, Vol. 12, 03-Special Issue, 2020.pp:332-338	1943-023X	0.112	First (Scopus)
3	Deep Learning Model for real- time image compression in Internet of Underwater Things(IoUT), Journal of Real-time Image Processing ,2019 (First Online): DOI 10.1007/s11554-019-00879-6	ISSN: 1861- 8200 (print version) ISSN: 1861- 8219 (electronic version)	1.574	First (SCI Journal)
4	A Glove based approach to recognize Indian Sign Languages", International Journal of Recent Technology and Engineering (IJRTE) Volume-7, Issue-6, March 2019, pp.1419-1425.	ISSN: 2277-3878 (online)	B-Impact Factor 5.46	First (Scopus)
5	An Extensive Review of Computer Aided Diagnosis for Lung Cancer Detection Model", Journal of Applied Science and Computations, Volume VI - Issue I - January – 2019,pp.4121- 4132	ISSN:1076-5131		First
6	"Virtual Interaction ", International Journal of Information and Computing Science, Volume 5 - Issue 9 - September 2018,pp:335-355	ISSN NO: 0972- 1347		First
7	Conceptual Semantic Model for Web Document Clustering Using Term Frequency", EAI Endorsed Transactions on Energy Web and Information Technologies, Volume 5, Issue 20,2018,pp.1-4.	ISSN: 2032-944X	0.14	First (Scopus)
8	Continuous Authentication by Free- Text Keystroke Based on Instances- Based Deep Transfer Learning Model ",Universal Review , Volume 7 Issue	ISSN NO: 2277- 2723		First

	7 2018,PP.383-390			
9	Efficient Approach For Medical Image Segmentation Using Hybrid ABC- FCM ", International Journal of Research , Volume 7 Issue 1 2018,pp.84-92			First
10	Design of Adaptive Scheduler to Improve Performance of Computational Grids", International Journal of Pure and Applied Mathematics , Volume 119 No. 18 2018, 1741-1751	ISSN 1311-8080 (printed version) ISSN 1314-3395 (on- line version)	0.127 (2018)	First
11	Multimodal Biometric Authentication System Using Deep Learning Method ",International Journal of Management, Technology And Engineering, Volume 7 Issue 12 – 2017,PP.386-394	ISSN NO: 2249- 7455		First
12	Hybrid Soft Computing Approach for Prediction of Cancer in Colon Using Microarray Gene Data", Current Signal Transduction Therapy Vol.11 (2),pp71-75,June 2016.	ISSN : 2212-389X.	0.138 (2018)	First
13	Enhancing Security in Mobile Devices through Multimodal biometrics", Middle-East Journal of Scientific Research 23 (8) ,pp. 1598-1603,Jun 2016	., ISSN :0973-4562.	0.189 (2017)	First
14	Smart Phone Application For Automatic Public Transportation Though Providing Intelligent Bus Status Information To The Users" International Journal of Applied Engineering Research (IJAER),Vol 59, pp.163-167, Jun -2015,	ISSN: 1087—1090	0.122 (2018)	First
15	Securing Cloud From Ddos Attacks Using Intrusion Detection System In Virtual Machine", C International Journal of Technology in Computer Science & Engineering, Vol.1 (2),pp 147-153, June 2014.	ISSN : 2349-1582.		First
16	Feature Extraction Techniques in Keystroke Dynamics for Securing Personal Devices", International Journal of Computer Sciences and Engineering, Volume-3, Issue- 3,March 2015,	ISSN: 2231-2307		First
17	Authenticated Group Key Transfer Protocol Based On Top Secret Selection" International Journal of Technology in Computer Science & Engineering, Volume 2(1), March 2015, pp 138-142,	ISSN 2349-1582.		First
18	Advanced Image Stegnography in LSBMR with DES Security"	ISSN 2349-1582.		First

	International Journal of Technology in Computer Science & Engineering, Volume 1(3), September 2014, pp			
19	Digital Water Marking For Digital Rights Management of Videos", International Journal of Technology in Computer Science & Engineering, Volume 1(4), December 2014, pp 143-147,	ISSN 2349-1582.		First
20	Optimization of load balancing using hybrid ACO, Volume 11,No.8, pp:2391-2396. 2019	1943-023X	0.13	Second (Scopus)
21	Assessment of Quality of Service in Communication Network and Evaluating Connectivity among IP networks", Vol 1, Issue 3, pp.319-322, April 2017.	ISSN:2456-883X		Second
22	Highly Energy Efficient and Scalable Distributed Clustering Procedure for Dense Wireless Sensor Networks", Vol 1, Issue 9, pp.550-558, December 2017.	ISSN:2456-883X.		Second
23	Procuring Cloud from DDoS attacks using Transgression Revelation System", Vol 5, Issue 5, pp.1752-1759, 2017.	ISSN:2347-8586		Second
24	Hybrid ABC-FCM approach for Medical Image Segmentation", International Journal of Scientific Research and Review, Volume 7, Issue 3, 2018,pp.614-623,	ISSN NO: 2279- 543X		Second
25	Improving the Quality of service in Cloud Environment", International Journal of Management, Technology And Engineering, Volume VIII, Issue VIII, AUGUST/2018, pp.2245- 2255.	ISSN NO : 2249- 7455,		Second
26	Cryptocurrency miners -Major Cyber Threat of 2018", International Journal of Pure and Applied Mathematics, Volume 119 No. 18 2018, 1775-1788.	ISSN 1311-8080 (printed version) ISSN 1314-3395 (on- line version)	0.127 (2018)	Second
27	Load Balancing Optimization Based on Binary Ant Colony Optimization Algorithm for Cloud Platform", International Journal of Scientific Research and Review, Vol.7, Issue 2, 2018, pp.401-408.			Second
28	Weight Based LSA to Retrieve Information from Web Pages Based On Document Score", International Journal of Research in Engineering, IT and Social Sciences", Volume 07 Issue 04, April 2017, Page 73-78	ISSN 2250-0588,		Second
29	Reactive Unequally Clustered	ISSN NO: 1076-		Second

	Multihon Douting (D. HCMD) must and	5121		1
	Multihop Routing (R-UCMR) protocol for wireless sensor networks", Journal	5131		
	of Applied Science and Computations,			
	, ,			
	June/2017,pp.120-129.			
	A Survey on Text Mining Techniques			
30	for Retrieving Information from Web	ISSN-2349-5162.		Second
	Pages ",October 2016, Volume 3,	1881 (28 1) 8102.		Second
	Issue 9, 2016,pp.638-652.			
	Support Vector Machine Based			
	Automatic Mammogram Classification			
	Using Hybrid Optimization			
31	Algorithm", International Journal Of	ISSN 2250-0588,		Second
	Research In Engineering, It And			
	Social Sciences, Volume 06 Issue 09,			
	September 2016, Page 50-54.			
	A Review on Challenges in Load			
	Balancing and Integrity in Cloud			
	Environment" JASC: Journal of	ISSN NO: 1076-		
32	Applied Science and Computations,	5131,		Second
	Volume III, Issue II, July-Dec/2016,	3131,		
	pp.128-137			
	Segmentation and texture Analysis of			
	Efficient classification of Breast			
33		ISSN: 2212-389X.	0.138	Second
33	Tumors from sonograms", Current	1001N . 2212-309A.	(2018)	Second
	Signal Transduction Therapy Vol.11			
	(2),pp 84-90, June 2016.			
	A Review on Classification			
	Techniques Used in Medical Image	TOONING 1076		
34	Segmentation" JASC: Journal of	ISSN NO: 1076-		Second
	Applied Science and Computations,	5131,		
	VOLUME 3, ISSUE 1, JAN-JUNE-			
	2016, pp.51-61.			
	Loop and substring based hybrid			
	classification for Nondeterministic			
	Finite Automata", International	ISSN(Online):2394-		<u>.</u> .
35	Journal on Applications in Information	6237.		Second
	and Communication engineering,	0237.		
	Volume 1,Issue 12, pp.9-18,December			
	2015.			
	Double Substring Based Classification			
	for Nondeterministic Finite Automata"	ISSN (Online) 0974-		
36	, Indian Journal of Science and	5645		Second
	Technology, Vol.8(26), pp 1-4, Oct	JU 4 J		
	2015,			
	Huffman Coding for Lossless Data			
27	Compression-A Review" Middle-East	ICCNI - 0072 4562	0.189	Cossa 1
37	Journal of Scientific Research 23 (8)	ISSN: 0973-4562	(2017)	Second
	,pp. 1598-1603,Jun 2015.		,	
	Triple Substring Based Classification			
	for Nondeterministic Finite Automata"			
38	International Journal of Applied	ISSN: 1087—1090	0.122 (2018)	Second
	Engineering Research (IJAER), Vol		`	
	59, pp.177-182,Jun 2015,			
39	A survey on Microcalcification	ISSN:2349-5162,		Second
	,	,	ı	

	identification and describe		<u> </u>	
	identification and classification using			
	CAD System", International Journal of			
	Emerging Technologies and			
	Innovative Research, Vol.2, Issue 5,			
	MAY-2015, page no.186-190.			
	Applications of Finite Automata in			
	Text Search – A Review" International			
40	Journal of Computer Science &	ISSN: 2231-0711		Second
	Engineering Technology (IJCSET),			
	Vol 5, Issue 5, pp.116-119, May 2015,			
	Arithmetic Coding for Lossless Data			
	Compression – A Review"			
	International Journal of Computer			
41	Science Trends and Technology	ISSN: 2347-8578		Second
	(IJCST) – Volume 3 Issue 3,pp.89 94			
	May-Jun 2015,			
	Applications of Finite Automata in			
	Lexical Analysis and as a Ticket			
40	Vending Machine – A Review"	ICCNL - 2220 2245		C 1
42	International Journal of Computer	ISSN: 2229-3345		Second
	Science & Engineering Technology			
	(IJCSET) Vol. 6 No. 05,PP. 267 – 270			
	, May 2015,			
	A Model to Secure Mobile Devices			
	Using Keystroke Dynamics through			
43	Soft Computing Techniques"	ISSN: 2231-2307		Second
	International Journal of Soft	10011. 2231 2307		Becond
	Computing and Engineering (IJSCE),			
	Volume-2, Issue-3, July 2012,			
	An Intelligent Particle Swarm			
	Optimization with Convolutional			
	Neural Network for Diabetic			
44	Retinopathy Classification Model,	2156-7018	0.549	
	Journal of Medical Imaging and			
	Health Informatics, (Accepted for			
	Publication)			
	An effective deep learning features			
	basedintegrated framework for iris			
15	detection andrecognition, Journal of	ICCN 1060 5127		Third
45	Ambient Intelligence andHumanized	ISSN 1868-5137		(SCI Journal)
	Computing, 2020.			
	DOI 10.1007/s12652-020-02172-y			
	Research on various routing			
	techniques in wireless Ad-hoc			
4.0	networks, International Journal of	ICCNI, 0077 0070		Third
46	Recent Technology and Engineering	ISSN: 2277-3878		(Scopus)
	(IJRTE)			(/
	, Volume-8, Issue-1S4, June 2019			
	Performance Analysis of Shannon-			
	Fano coding and Tunstall coding",			
	International Journal on Applications	ISSN(Online):2394-		_
47	in Information and Communication	6237.		Third
	engineering, Volume 2,Issue 5, pp.9-	0237.		
	18,May 2016.			
48	Design of Comprehensive Framework	ISSN: 2032-944X	0.14 (2018)	Third
			()	

			<u> </u>	
	on Optimization Methods in Distributed Clusters", EAI Endorsed Transactions on Energy Web and Information Technologies, Volume 5, Issue 20,2018,pp.1-4.			
49	A Novel Approach to Design the Finite Automata to Accept the Palindrome with the Three Input Characters", Indian Journal of Science & Technology, Vol 8(28), DOI: 10.17485/ijst/2015/v8i28/78189, October 2015.	ISSN (Online): 0974-5645.	0.143(2018)	Third
50	Construction of Minimized Deterministic Finite Automata for Finding the Equal Number of Input Characters" International Journal on Applications in Information and Communication Engineering, Volume 1: Issue 11, pp 17-20, Nov 2015.,	ISSN : 2394-6237		Third
51	A Novel Approach to Classify Nondeterministic Finite Automata Based on More than Two Loops and its Position", SSRG International Journal of Computer Science and Engineering (SSRG-IJCSE) – volume1 issue10 Dec 2014,	ISSN: 2348 – 8387		Third
52	A Novel Approach to Classify Nondeterministic Finite Automata Based on Dual Loop and its Position", International Journal of Engineering Trends and Technology (IJETT) – Volume 18 Number3 - Dec 2014,	ISSN: 2231-5381		Third
53	A Novel Approach to Classify Nondeterministic Finite Automata Based on Single Loop and its Position", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. 1, Issue 4, December 2014,	ISSN 2394-3785 (Online).		Third
54	Biometric personal authentication using keystroke dynamics: A review" Applied Soft Computing, 11 (2011) 1565–1573, August 2010	ISSN 1568-4946	1.216(2018)	Third (SCI Journal)
55	Performance Comparison of Huffman Coding and Tunstall Coding" International Journal of Applied Engineering Research (IJAER), Volume 10: Issue 15, pp 36023-36029, Sept 2015,	ISSN: 0973-4562	0.122 (2018)	Fourth (Scopus)
56	Shannon-Fano Coding for Lossless Data Compression – A Review" International Journal of Applied Engineering Research (IJAER) Volume 10: Issue 15, pp. 36030-	ISSN: 0973-4562	0.122 (2018)	Fourth (Scopus)

	36036, Sept 2015			
57	Single Substring Based Classification for Nondeterministic Finite Automata" International Journal on Applications in Information and Communication Engineering, Volume 1: Issue 10:, pp 29-31, Oct 2015	ISSN (Online) 2394- 6237		Fourth
58	Performance Estimation of the Combinational Circuits Using Carbon Nano Tube Field Effect Transistor, International Journal of Advanced Science and Technology Vol. 29, No. 5, (2020), pp. 10213 - 10219	ISSN: 2005-4238	0.11	Fifth (Scopus)
59	Gesture Control Robot Using Arduino, International Journal of Advanced Science and Technology Vol. 29, No. 6, (2020), pp. 4196 – 4203	ISSN: 2005-4238	0.11	Fifth (Scopus)

)