



VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)

Ibrahimbagh, Hyderabad – 500031

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Academic Year 2021-22

Research Publications- Journals

Sl.No	Name of the Faculty Author	No.of Authors	Main Author/ Other	Title of the Paper	Name of the Journal	ISBN/ISS N Number	Vol/Month	Index No UGC/Scopus	URL/DOI
1	Dr.T.Adilakshmi	2	Dr. T Adilaskhmi, Naveen Kumar	Structure Learning of Baysian Network from the data	International journal of computational systems engineering (IJCSYSE)	ISSN online 2046-3405	June 2022	Inderscience	Accepted
2	Dr.T.Adilakshmi	3	D. Kavitha, Dr. T Adilakshmi, Dr.M.Chandra Mohan	Efficient Privacy Preservation of Big Data Using Random Number Generators and Geometric Data Transformations	Mathematical Statistician and Engineering Application	ISSN: 2326-986, Page Number: 268 – 282, Vol. 71 No. 3 (2022)	June 2022	Scopus	file:///C:/Users/ADMIN/Downloads/164-Article%20Text-274-2-10-20220627.pdf
3	Dr.T.Adilakshmi T.Jalaja	2	Dr.T.Adilakshmi T.Jalaja	AUTOMATIC TASK ASSIGNER FOR DELIVERY AGENTS	The International journal of analytical and experimental modal analysis	ISSN NO:0886-9367	Volume XIV, Issue-II, Feb-2022	UGC CARE	https://drive.google.com/file/d/1isOvSy77V1_fCxW2GKbLfr0fJ

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4	Dr.T.Adilakshmi	2	S. Raghu, Dr. T Adilakshmi	“An investigation of Various Medical Segmentation Techniques”	International Journal of Scientific Research in Science, engineering and Technology	, ISSN: 2395-1190, Online ISSN: 2394-4099, Page No.292- 301	Feb 2022		-
5	Dr.T.Adilakshmi	2	S. Raghu, Dr. T Adilakshmi	Noise Reduction using Gaussian and Non Local Means Technique in Brain MRI Images”	Stochastic Modeling and Applications	ISSN: 0972- 3641,	Dec, 2021	UGC CARE	-
6	Dr.T.Adilakshmi	2	S. Raghu, Dr. T Adilakshmi	Brain Tumor detection based on MRI Image Segmentation Using U-Net, Google	Annals of Romanian Society for Cell Biology	” ISSN 1583-6258	Dec, 2021	Scopus	https://www.annalsofrscb.ro/index.php/journal/article/view/10846/7719
7	Dr.T.Adilakshmi	2	M. Supriya, Dr.T.Adilakshmi	Secure Routing using ISMO for Wireless Sensor Networks	SSRG International Journal of Computer Science and Engineering (IJ CSE)		December 2021	Scopus	https://www.internationaljournalsrg.org/IJCSE/2021/Volume8-Issue12/IJCS-E-V8I12P103.pdf

8	Dr.T.Adilakshmi	3	D.Kavitha, Dr.T.Adilakshmi, Dr. M.Chandra Mohan	A Survey on Privacy- Preserving Data Mining Techniques	Science, Technology and Development	ISSN : 0950- 0707, Volume X Issue XII, Pg No: 371-384	DECEMBER 2021		-
9	M.Sunitha, Dr.T.Adilakshmi	2	M.Sunitha, Dr.T.Adilakshmi, Manasa Gujarala, Pruthvi Belide	Retail Sales Forecasting Using Transaction Logs: LSTM Networks in Google AI Platform	STRAD RESEARCH	ISSN: 0039-2049	VOLUME 8, ISSUE 11, NOVEMBER – 2021.	Web of Science	https://drive.google.com/file/d/1hAyv25IAEo7yNrmqk5Ny-BNpjPTP0upg/view
10	M.Sunitha, Dr.T.Adilakshmi	2	M.Sunitha, Dr.T.Adilakshmi,	Addressing Longtail Problem in Music Recommendation System	International journal of computational systems engineering (IJCSYSE)	ISSN online 2046-3405	October, 2021	Inderscience	https://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijcsyse
11	Dr.T.Adilakshmi	2	Dr. T Adilakshmi, Naveen Kumar	Structural Refinement of Manually created Bayesian Network for Prostate Cancer Diagnosis	International journal of computational systems engineering (IJCSYSE)	ISSN online 2046-3405	October, 2021	Inderscience	https://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijcsyse

12	Dr. T Adilakshmi T.Jalaja	3	Dr. T Adilakshmi T.Jalaja, B srilakshmi	Automated Inter-Artifact Traceability Management Framework in Self-Adaptive Systems	The International journal of analytical and experimental modal analysis	ISSN: 0886-9367	Volume XIII, Issue VIII, August 2021	UGC CARE	https://drive.google.com/file/d/1EgOitmuUYpMXaN4vsQy4u662X12Oe3yu/view
13	Dr. T Adilashkmi, S Komal Kour	3	S Komal Kaur , Dr T Adilakshmi, Mahitha	Machine Learning Algorithms to infer User Demographics from Ratings	The International journal of analytical and experimental modal analysis	ISSN: 0886-9367	Volume XIII, Issue VIII, August 2021	UGC CARE	https://drive.google.com/file/d/1EgOitmuUYpMXaN4vsQy4u662X12Oe3yu/view
14	Nagaratna Parameshwar Hegde, Sireesha Vikkurty	5	Nagaratna Parameshwar Hegde, Sireesha Vikkurty, Gnyanee Kandukuri, Sriya Musunuru, Ganapatikrishna Parameshwar Hegde	Employee Sentiment Analysis Towards Remote Work during COVID-19 Using Twitter Data	International Journal Intelligent Engi	ISSN: 2185-3118	Vol.15, No.1 February 2022	Scopus	https://inass.org/wp-content/uploads/2021/12/2022022808.pdf

15	Dr. Nagaratna P Hegde	2	V. Sandhya, Nagaratna P Hegde	Implementation of Fusion of Sclera and Periocular As A Biometric Authentication System Using Deep Learning, International Journal of Engineering Trends and Technology	International Journal of Engineering Trends and Technology	ISSN: 2231-5381	Volume 70 Issue 1, 204-211, January 2022	Scopus	http://ijettjournal.org/Volume-70/Issue-1/IJETT-V70I1P224.pdf
16	Dr. Nagaratna P Hegde	2	Nagaratna P. Hegde Sandhya	Performance Of Patch-Based Segmentation Of Sclera And Periocular Biometrics Using Deep Learning	international journal of Juni Khyat	: ISSN: 2278-4632	Vol. 11 Issue 12 No 01 December 2021	UGC Care	http://junikhyatjournal.in/index.html
17	Dr. Nagaratna P Hegde	2	R. Suresh Dr. Nagaratna P. Hegde	Ensemble Heart Disease Prediction Using Enhanced Feature Selection By Genetic Algorithm And Best Accuracy Obtained Using Naive Bayes	Svm And Knn journal of Juni Khyat,	ISSN: 2278-4632	Vol. 11 Issue 12 No 01 December 2021	UGC CARE	-

18	Dr. Nagaratna P Hegde	3	V. Sowmya Devi, Nagaratna P. Hegde, Ch. Niranjan Kumar	ENERGY EFFICIENT CLUSTERING USING PSO AND FUZZY LOGIC FOR HYBRID MANETs	ARNP Journal of Engineering and Applied Sciences 2021	ISSN 1819-6608	3, 16(22), pp. 2354–2362 NOVEMBER 2021		-
19	Dr. Nagaratna P Hegde	2	Nagaratna Hegde P. Deepthi	Comparison of Modified Pollard Rho for Discrete Logarithm Problem with the Original IJRESM,	International Journal of Research in Engineering Science and Management	ISSN: 2581-5792	vol. 4, no. 9, pp. 233–238, Oct. 2021		-
20	Dr. Nagaratna P Hegde	2	V. Sandhya, Nagaratna P Hegde	Patch Based Sclera and Pericular Biometrics using Deep Learning	International Journal of Computer Networks and Information Security	ISSN: 2074-9090	March 2022	Scopus	Accepted
21	Dr. Nagaratna P Hegde	2	Dr. Nagaratna P Hegde, Shahed Krishna	Secure Face Recognition For App Lock System	Science, Technology and Development	ISSN: 0950-0707	Volume X /Issue IX/9-16 August 2021	UGC CARE	http://journalstd.com/gallery/2-sep2021.pdf

22	Dr. Nagaratna P Hegde	2	Nagaratna P. Hegde , Madhavi Jellapalli	Novel Hybrid Security Aware Defense Mechanism For Advanced Persistent Threats Attack Detection	The International journal of analytical and experimental modal analysis	ISSN: 0886-9367	Volume XIII, Issue VIII, August 2021	UGC CARE	https://drive.google.com/file/d/1daOvBIGXm7k2TxX_OR_WH63deIJ4m2QX/view
23	Dr. Nagaratna P Hegde	2	Nagaratna P. Hegde, P. Deepthi	Stack and Random Walks used to Speed up Pollards RHO algorithm	Journal of Maharaja Sayajirao University of Baroda	ISSN 0025-0422	Volume-56, No.1(II) 2022	-	-
24	Dr. Nagaratna P Hegde	2	G.Prathibha, Nagaratna P. Hegde	Analytical Survey on Prediction of Employee Attrition non perametric tuning Algorithms	International journal of on Creative Research thoughts	ISSN: 2320-2882	Volume 10, Issue 6, June 2022	-	-

25	Dr. Nagaratna P Hegde	2	Nagaratna P. Hegde, P. Deepthi	Elliptic Curve Cryptography using Authenticated Encryption	International Journal of Engineering Research and Applications	ISSN:2248-9622	Vol.12, Issue 4, (series-IV, April 2022	-	https://www.ijera.com/papers/vol12no4/Ser-4/E1204043540.pdf
26	Dr. D. Baswaraj	2	Dr. D. Baswaraj, Shaik Shereen	An Interactive Web Based Heart Disease Prediction Using Random Forest Algorithm	The International journal of analytical and experimental modal analysis	ISSN: 0886-9367	Volume XIII, Issue VIII, August/2021	UGC CARE	https://drive.google.com/file/d/181HP5XNTZ8tRgN-It4-rdKII0zJqUWcg/view
27	Dr.V.Sireesha	1	V.Sireesha , J. Vinith	A Comparative Analysis of Symmetric and Asymmetric Key Cryptography Techniques	The International journal of analytical and experimental modal analysis	ISSN: 0886-9367	Volume XIII, Issue VIII, August/2021	UGC CARE	https://drive.google.com/file/d/1LkXcPBPL-a1A_IMjaH_N3U5bnXsH62Bs/view
28	Dr.K.Srinivas	2	P. M. Akhiladithi Dr.K.Srinivas	Scalable and Secure Multi Factor Authentication.Cryptography for IOT System	The International journal of analytical and experimental modal analysis	ISSN: 0886-9367	Volume XIII, Issue VIII, August/2021	UGC CARE	http://ijaema.com/VOLUME-XIII-ISSUE-VIII-AUGUST-2021/

29	Dr K.Shailaja	1	Dr K.Shailaja	Data Mining Method for future Online Business to learn custom patterns from Web mining data	Dogo Rangsang Research Journal	ISSN:2347-7180	Volum-08, Issue-14 No.02:2021	UGC CARE	https://www.journal-dogorangsang.in/no_2_Book_21/75.pdf
30	C.Gireesh	2	C.Gireesh, P.Soundarya Nag	Identification of Suspected Illicit messages in twitter using SVM and Naive Bayes algorithms	International Journal of Analytical and Experimental Modal Analysis	ISSN: 0886-9367	Volume XIII, Issue VIII, August/2021	UGC CARE	https://drive.google.com/file/d/1AnHnsKC-KJFrbyofkKwY8dv_14RqjLs/view?usp=sharing
31	B.Syamala	3	B.Syamala, Ch Abhilash, K.Praveen	OBJECT TRACKING SYSTEM USING DEEPSORT	International Journal of Analytical and Experimental Modal Analysis	ISSN: 0886-9367	Volume XIII, Issue IX, September/2021	UGC CARE	https://drive.google.com/file/d/1AnHnsKC-KJFrbyofkKwY8dv_14RqjLs/view?usp=sharing
32	Narsaiah Putta	3	Narsaiah Putta T. Suvarna Kumari J Sasi kiran	A New Architecture for the Internet of Things to Analyse Pattern Recognition using Big Data	JETIR -Journal of Emerging Technologies and Innovative Research	ISSN-2349-5162	Volume 8, Issue 9, September 2021,	UGC CARE	https://www.jetir.org/view?paper=JETIR2109517

33	Narsaiah Putta	3	NARSAIA H PUTTA DR. RASHMI RANJAN ROUT T. SUVARN A KUMARI	An Efficient IoT Management with Resilience to Unauthorized Access to Cloud	ZKG international journal	ISSN- 2366-1313	Jan-June 2022	UGC CARE	http://www.zkginternational.com/archive/volume6/Efficient-IoT-Management-with-Resilience.pdf
34	Vijay kumar	3	Nagendra prabhu, kalpana, Vijay kumar, Jagannadh a Rao	Exponentially- Spider Monkey Optimization based allocation of resource in Cloud	International Journal of Intelligent Systems	ISSN:1098 -111X	Volume37, Issue3 March 2022 Pages 2521 -2542	SCI	https://online.library.wiley.com/doi/abs/10.1002/int.22783
35	Dr.K.Shailaja	4	V. Sanjeev Dr. Sundari Dadhabai Dr.K.Shail aja K saikumar	Competitive Strategies Adopted by Online Retailers Analysis in covid 19 medical crisis	Journal of Positive School Psychology	ISSN:2717 -7564	Volume 6 , No 2, March 2022, Pages 2099-2104	Scopus	https://journals.lppw.com/index.php/jpsp/article/view/1786



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Conference papers

Sl. No.	Name Of The Faculty As Author	No Of Authors	Main Author/ Others	Title Of The Paper	Name Of The Conference	Date/S	Organized By With Location	ISBN/ISSN Number	URL/DOI
1	T. Jalaja, Dr.T. Adilakshmi	2	T. Jalaja, Dr.T. Adilakshmi	A Behavioral Chatbot Using Encoder Decoder Architecture	Second International Journal Conference On Interdisciplinary Cyber Physical System (ICPS 2022)	9-10 May 2022	Advacned Computing Society, Chennai, India	DOI: 10.1109 /ICPS55917.2 022.00017	https://ieeexplore.ieee.org/document/9941244
2	S.Komal Kour, Dr.T. Adilakshmi	2	S.Komal Kour, Dr.T. Adilakshmi	A Residual Network Model (Resnet152) For Bronchitis Detection Using X-Ray Images	Second International Journal Conference On Interdisciplinary Cyber Physical System (ICPS 2022)	9-10 May 2022	Advacned Computing Society, Chennai, India	DOI: 10.1109 /ICPS55917.2 022.00012	https://ieeexplore.ieee.org/document/9941225

3	Dr.T. Adilakshmi	2	S. Sreelakshmi , Dr.T. Adilakshmi	Timestamp Prediction Using Enhanced Adaptive Correlation Clustering Based Recommender System For The Long Tail Items	5th Edition Of International Conference On Communications And Cyber-Physical Engineering	29-30 April 2022	CMR College Of Engineering, Hyderabad, India	Proceedings Yet To Be Published	NA
4	Dr.T.Adilakshmi, M.Sunitha Reddy	4	M.Sunitha Reddy, Dr.T.Adilakshmi, Ravi Teja G, Ayush Noel	Adaptive Clustering Based Method To Address Long Tail Problem For Music Recommendation System	5th International Conference On Smart Computing And Informatics (SCI-2021)	17-18 September 2021	Vasavi College Of Engineering, Hyderabad	Smart Innovation, Systems And Technologies Book Series (SIST,Volume 282) Pp 331–338	DOI: 10.1007/978-981-16-9669-5_30
5	Dr.T.Adilakshmi, M.Sunitha Reddy	3	M.Sunitha Reddy, Dr.T.Adilakshmi, Yashfeen Zohra	Addressing Longtail Problem In Music Recommendation System	International Conference On Advanced Network Technologies And Intelligent Computing	17-18 December 2021	Banaras Hindu University	Proceedings Yet To Be Published In Scopus	-
6	Dr.T.Adilakshmi,	3	M.Sunitha Reddy, Dr.T.Adilakshmi,	Hybrid Deep Learning based Music	4th International Conference On	09-10 December, 2021	CARE College Of Engineering, Tamil Nadu	Lecture Notes on Data	DOI: 10.1007/978-981-

	M.Sunitha Reddy		Maherunnisa	Recommendation System	Computer Networks, Big Data And lot , 2021			Engineering and Communications Technologies book series (LNDECT, volume 117)	19-0898-9_41
7	Dr. T Adilaskhmi	2	Dr. T Adilaskhmi, Shyam Sunder	Improved ANT Colony Algorithm For Scheduling Cloud Computing	5 th International Conference On Smart Computing And Informatics (SCI-2021)	17-18 September 2021	Vasavi College Of Engineering, Hyderabad	Smart Innovation, Systems And Technologies Book Series (SIST, Volume 282) Pages 505-515	DOI: 10.1007/978-981-16-9669-5_46
8	Dr. T Adilaskhmi	2	Dr. T Adilaskhmi, Supriya	Secure Cluster Based Routing Using Modified Spider Monkey Optimization For Wireless Sensor Networks	5 th International Conference On Smart Computing And Informatics (SCI-2021)	17-18 September 2021	Vasavi College Of Engineering, Hyderabad	Smart Innovation, Systems And Technologies Book Series (SIST, Volume 282)	DOI: 10.1007/978-981-16-9669-5_23

								Pages 247-255	
9	Dr Nagaratna P Hegde	2	Deepthi P And Nagaratna P. Hegde	Improved Kangaroo Method To Speedup Pollard's Rho	International Conference On Recent Innovations In Computer Engineering And Information Technology" " (ICRICEIT-22)				
10	Dr Nagaratna P Hegde	2	Pratibha G And Nagaratna P Hegde	Early Prediction Of Employee Attrition Using KPCA And Adaptive K-Means Based Logistic Regression	Second International Journal Conference On Interdisciplinary Cyber Physical System (ICPS 2022)	9-10 May 2022	Advacned Computing Society, Chennai, India	Proceedings Yet To Be Published	NA
11	Nagaratna Parameshw ar Hegde, Sireesha Vikkurty	5	Nagaratna Parameshw ar Hegde, Sireesha Vikkurty, Gnyanee Kandukuri, Ganapatikri shna	Sentiment Analysis Of Customer On A Restaurant Using Review In Twitter	International Conference On Communications And Cyber-Physical Engineering	5th Edition Of International Conference On Communications And Cyber- Physical Engineering	29-30 April 2022	CMR College Of Engineering, Hyderabad, India	Procedin gs Yet To Be Published

			Parameshwar Hegde						
12	Dr Nagaratna P Hegde	2	Shiramshetty Gouthami And Dr.Nagaratna P Hegde	Unsupervised Sentiment Classification Method Based On Multi-Level Sentiment Information Extraction Using CRBSA Algorithm	International Conference On Communications And Cyber-Physical Engineering	5th Edition Of International Conference On Communications And Cyber-Physical Engineering	29-30 April 2022	CMR College Of Engineering, Hyderabad, India	Proceedings Yet To Be Published
13	Dr Nagaratna P Hegde	2	Deepthi P And Nagaratna P. Hegde	Securing Data In Internet Of Things (Iot) Using Elliptic Curve Cryptography	International Conference On Communications And Cyber-Physical Engineering	5th Edition Of International Conference On Communications And Cyber-Physical Engineering	29-30 April 2022	CMR College Of Engineering, Hyderabad, India	Proceedings Yet To Be Published
14	Dr Nagaratna P Hegde	2	Mudrakola Swapna And Dr. Nagaratna P Hegde	Noise Removal Filtering Methods For Mammogram Breast Images	International Conference On Communications And Cyber-Physical Engineering	5th Edition Of International Conference On Communications And Cyber-	29-30 April 2022	CMR College Of Engineering, Hyderabad, India	Proceedings Yet To Be Published

						Physical Engineering			
15	Dr Nagaratna P Hegde	2	Rakesh Salakapuri and Nagaratna P Hegde	Calculating the Traffic Calculating the Traffic Density of real time video using Moving object Detectionensity of real time video using Moving object Detection	International Conference On Communications And Cyber-Physical Engineering	5th Edition Of International Conference On Communications And Cyber-Physical Engineering	29-30 April 2022	CMR College Of Engineering, Hyderabad, India	Proceedin gs Yet To Be Published
16	Dr. Nagaratna P Hegde, Dr.V.Sireesha		D. Kruthi, Dr. Nagaratna P Hegde, Dr.V.Sireesha,	Genre of a Song identification using Deep learning	International Conference on Technologies for Smart Green Connected Societies 2021,		November 29-30.		
17	Dr. Nagaratna P Hegde,	3	Ch. Sravanthi, Dr. Nagaratna P Hegde,	Chatbot Development using Deep Learning Techniques	International Conference on Technologies for Smart Green		November 29-30		

	Dr.V.Sireesha		Dr.V.Sireesha		Connected Societies 2021,				
18	Dr Nagaratna P Hegde	2	Santhosh Ramchander N And Dr Nagaratna P Hegde	An Efficient Information Retrieval Technique For Document Classification	5 th International Conference On Smart Computing And Informatics (SCI-2021)	17-18 September 2021	Vasavi College Of Engineering, Hyderabad	<u>Smart Innovation, Systems And Technologies</u> Book Series (SIST,Volume 283) Pages 53-62	DOI: 10.1007/978-981-16-9705-0_6
19	Dr Nagaratna P Hegde	2	Deepika Mallampati And Nagaratna P Hegde	Efficient Email Classification Algorithm For Better Customer Support	5 th International Conference On Smart Computing And Informatics (SCI-2021)	17-18 September 2021	Vasavi College Of Engineering, Hyderabad	<u>Smart Innovation, Systems And Technologies</u> Book Series (SIST,Volume 283) Pages 223-234	DOI: 10.1007/978-981-16-9705-0_22
20	Dr Nagaratna P Hegde, Dr.	3	Dr. Nagaratna Hegde, Sireesha Vikkurty	Sentiment Analysis Using COVID-19 Twitter Data	5 th International Conference On Smart Computing	17-18 September 2021	Vasavi College Of Engineering, Hyderabad	<u>Smart Innovation, Systems And Technologies</u> Book Series	DOI: 10.1007/978-981-

	Sireesha Vikkurty		And Gnyanee K, G, P Hegde		And Informatics (SCI-2021)			(SIST,Volume 282) Pages 431-440	16-9669-5_39
21	Dr. Nagaratna Hegde, Sireesha Vikkurty	3	Dr. Nagaratna Hegde, Sireesha Vikkurty And Sravanthi Chandra	Chatbot Development Using Deep Learning Techniques	5 th International Conference On Smart Computing And Informatics (SCI-2021)	17-18 September 2021	Vasavi College Of Engineering, Hyderabad	<u>Smart Innovation, Systems And Technologies</u> Book Series (SIST,Volume 283)	
22	Dr. V.Sireesha, Dr. Nagaratna P Hegde	4	Dr. V.Sireesha, Dr. Nagaratna P Hegde, K. Sreenija B. Thindhu	An Enhanced Book Recommendation System Using Hybrid Machine Learning Techniques	5 th International Conference On Smart Computing And Informatics (SCI-2021)	17-18 September 2021	Vasavi College Of Engineering, Hyderabad	<u>Smart Innovation, Systems And Technologies</u> Book Series (SIST,Volume 283) Pages 171-179	DOI: 10.1007/978-981-16-9705-0_17
23	Dr. V.Sireesha,	4	Dr. V.Sireesha,	Cardiovascular Disease Prediction Using Machine	5 th International Conference On Smart Computing	17-18 September 2021	Vasavi College Of Engineering, Hyderabad	<u>Smart Innovation, Systems And Technologies</u>	DOI: 10.1007/978-981-

	Dr. Nagaratna P Hegde		Dr. Nagaratna P Hegde, Palve Nanditha, B. Ram Naresh	Learning With Flask API	And Informatics (SCI-2021)			Book Series (SIST,Volume 283) Pages 181-190	16-9705-0_18
24	Dr. V.Sireesha, Dr. Nagaratna P Hegde	3	Dr. V.Sireesha, Dr. Nagaratna P Hegde, M.Yashwanth	Automatic Text Summarization Using Intelligent Systems	5 th International Conference On Smart Computing And Informatics (SCI-2021)	17-18 September 2021	Vasavi College Of Engineering, Hyderabad	<u>Smart Innovation, Systems And Technologies</u> Book Series (SIST,Volume 283) Pages 253-262	DOI: 10.1007/978-981-16-9705-0_25
25	Dr. V.Sireesha	2	Dr. V.Sireesha, J.Vinith	Effective Authentication Scheme For Healthcare Systems In Wireless Sensor Networks	International Conference On Advanced Network Technologies And Intelligent Computing	17-18 December 2021	Banaras Hindu University		

26	Dr. V.Sireesha, Dr. Nagaratna P Hegde	5	Dr. V.Sireesha, Dr. Nagaratna P Hegde, K. Anisha, G.Meghana, M.Sashi Kumar	Cognitive Baby Care Solution For Smart Parenting	International Conference On Information And Communication Technology For Intelligent Systems	22-23 April, 2022	Ahmedabad, India		
27	Dr. V.Sireesha, Dr. Nagaratna P Hegde	1	Dr. V.Sireesha, Dr. Nagaratna P Hegde, P. Ashish,K. Gopi Krishna	An Outlook for Traffic Congestion using Tunneling Technology	International Conference on Technologies for Smart Green Connected Societies 2021	November 29-30, 2021	SPAST	Vol. 1 No. 01 (2021): Smart Green Connected Societies	https://spast.org/techrep/article/view/2440
28	Dr. V.Sireesha, Dr. Nagaratna P Hegde	1	Dr. V.Sireesha, Dr. Nagaratna P Hegde, J.	Effective Class Scheduler using Genetic Algorithm	International Conference on Technologies for Smart Green	November 29-30, 2021	SPAST	Vol. 1 No. 01 (2021): Smart Green Connected Societies	https://spast.org/techrep/article

			Karthik Reddy,		Connected Societies 2021				e/view/2446
29	R Sateesh Kumar M Navya	2	R Sateesh Kumar M Navya Dr S Sameen Fatima	HEART DISEASE PRIDITION USING CONVOLUTION NUERAL NETWORK	5 th International Conference On Smart Computing And Informatics (SCI-2021)	17-18 September 2021	Vasavi College Of Engineering, Hyderabad	<u>Smart Innovation, Systems And Technologies</u> Book Series (SIST,Volume 282) Pages 421-430	
30	Sriperambu duri Vinay Kumar	2	Sriperambu duri Vinay Kumar, Lakshmi Harika	Task Scheduling In Cloud Computing Using PSO Algorithm	5 th International Conference On Smart Computing And Informatics (SCI-2021)	17-18 September 2021	Vasavi College Of Engineering, Hyderabad	<u>Smart Innovation, Systems And Technologies</u> Book Series (SIST,Volume 282) Pages 541-550	DOI: 10.1007/978-981-16-9669-5_49

31	M.Sashi Kumar	1	M.Sashi Kumar	She -Safe: An lot Prototype For Providing Security Arduino,Uno, Nodered And MQTT	5 th International Conference On Smart Computing And Informatics (SCI-2021)	17-18 September 2021	Vasavi College Of Engineering, Hyderabad	<u>Smart Innovation, Systems And Technologies</u> Book Series (SIST,Volume 283) Pages 199-210	DOI: 10.1007/978-981-16-9705-0_20
32	B. Syamala	2	B. Syamala, Dr.K. Srinivasa Rao	Efficient Cryptography Integrated lot Model For Data Security Management	7th International Conference On Communication And Electronics Systems ICCES 2022	22-24 June, Coimbatore, India			
33	I. Navakanth	2	M.Ramakrishna Murthy, I. Navakanth	A Review On Word Embedding Techniques:Application Oriented Analysis On Word2VEC And Its Enhancements	2022 IEEE World Conference On Applied Intelligence And Computing(AIC 2022)	June 17-19,2022	Rajkiya Engineering College,Sonbhadra And Soft Computing Research Society.		

34	Pusarla Samyuktha	2	M.Sundari, Pusarla Samyuktha	Evaluating Performance On Covid-19 Tweet Sentiment Analysis Outbreak Using Support Vector Machine	5 th International Conference On Smart Computing And Informatics (SCI-2021)	17-18 September 2021	Vasavi College Of Engineering, Hyderabad	<u>Smart Innovation, Systems And Technologies</u> Book Series (SIST, Volume 283)	
35	Vasuda. A K.Srividya M. Anusha	3	Vasuda. A K.Srividya M. Anusha	Load Balancing and Parallel Computation Model for Performance and Accuracy over the Cluster of Nodes	2nd International Conference on Innovative Practices in Technology and Management (ICIPTM)	22-23 February, 2022		IEEE	DOI: 10.1109/ICIPTM.2022.9754092
36	P.Samyuktha, J.Madhumathi	4	Ch.suresh Kumar, K.Praneetha, M.sundari, P.Samyuktha, J.Madhumathi	Prediction of Covid-19- Chest Image Classification and Detection using RELM classifier in Machine Learning.	8th International Conference on Advanced Computing and Communication Systems (ICACCS)	25-26 March 2022	Sri Eshwar College of Engineering, Chennai	IEEE	



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Academic Year 2021-2022

Research Publications – Book & Book Chapters

Sl. No	Name of the Faculty Author	No of Authors	Main Author/ other	Title of the Book Chapter	Name of the Publisher	ISBN Number	URL	Remarks
1	Dr. T. Adilakshmi	4	M.V. Ramana Rao, Dr. T. Adilakshmi, M. Gokul Venkatesh, Jothikumar R	Mobile Geo-Fencing Triggers for Alerting Entries Into COVID-19 Containment Zones Using IoT	IGI Global	Handbook of Research on Innovations and Applications of AI, IoT and Cognitive Technologies, 2021, pp. 78–88.(https://www.igi-global.com/chapter/mobile-geo-fencing-triggers-for-alerting-entries-into-covid-19-containment-zones-using-iot/285679	



VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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Student Journals Publications

Sl.No	Name of the Faculty Author	No.of Authors	Main Author/ Other	Title of the Paper	Name of the Journal	ISBN/ISSN Number	Vol/Month	Index No UGC/Scopus	URL/DOI
1	M.Sunitha, Dr.T.Adilakshmi	2	M.Sunitha, Dr.T.Adilakshmi, Manasa Gujarala, Pruthvi Belide	Retail Sales Forecasting Using Transaction Logs: LSTM Networks in Google AI Platform	STRAD RESEARCH	ISSN: 0039- 2049	VOLUME 8, ISSUE 11, NOVEMBER – 2021.	Web of Science	https://drive.google.com/file/d/1hAyv25IAEo7yNrmqk5Ny-BNpjPTP0upg/view
2	Dr. T Adilashkmi, S Komal Kour	3	S Komal Kaur , Dr T Adilakshmi, Mahitha	Machine Learning Algorithms to infer User Demographics from Ratings	The International journal of analytical and experimental modal analysis	ISSN: 0886- 9367	Volume XIII, Issue VIII, August 2021	UGC CARE	https://drive.google.com/file/d/1EgOitmuUYpMXaN4vsQy4u662X12Oe3yu/view

3	Nagaratna Parameshwar Hegde, Sireesha Vikkurty	5	Nagaratna Parameshwar Hegde, Sireesha Vikkurty, Gnyanee Kandukuri, Sriya Musunuru, Ganapatikrishna Parameshwar Hegde	Employee Sentiment Analysis Towards Remote Work during COVID-19 Using Twitter Data	International Journal Intelligent Engi	ISSN: 2185-3118	Vol.15, No.1 February 2022	Scopus	https://inass.org/wp-content/uploads/2021/12/2022022808.pdf
4	Dr. Nagaratna P Hegde	2	Nagaratna P. Hegde , Madhavi Jellapalli	Novel Hybrid Security Aware Defense Mechanism For Advanced Persistent Threats Attack Detection	The International journal of analytical and experimental modal analysis	ISSN: 0886-9367	Volume XIII, Issue VIII, August 2021	UGC CARE	https://drive.google.com/file/d/1daOvBIGXm7k2TxX_0R_WH63deIJ4m2QX/view
5	Dr. D. Baswaraj	2	Dr. D. Baswaraj, Shaik Shereen	An Interactive Web Based Heart Disease Prediction Using Random Forest Algorithm	The International journal of analytical and experimental modal analysis	ISSN: 0886-9367	Volume XIII, Issue VIII, August/2021	UGC CARE	https://drive.google.com/file/d/18IHP5XNTZ8tRgN-It4-rdKlI0zJqUWcg/view

6	Dr.V.Sireesha	1	V.Sireesha, J. Vinith	A Comparative Analysis of Symmetric and Asymmetric Key Cryptography Techniques	The International journal of analytical and experimental modal analysis	ISSN: 0886- 9367	Volume XIII, Issue VIII, August/2021	UGC CARE	https://drive.google.com/file/d/1LkXcPBP L-a1A_IMjaH_N3U5bnXsH62Bs/view
7	Dr.K.Srinivas	2	P. M. Akhiladithi Dr.K.Srinivas	Scalable and Secure Multi Factor Authentication.Cryp tography for IOT System	The International journal of analytical and experimental modal analysis	ISSN: 0886- 9367	Volume XIII, Issue VIII, August/2021	UGC CARE	http://ijaema.com/VOLUME-XIII-ISSUE-VIII-AUGUST-2021/
8	C.Gireesh	2	C.Gireesh, P.Soundarya Nag	Identification of Suspected Illicit messages in twitter using SVM and Naive Bayes algorithms	International Journal of Analytical and Experimental Modal Analysis	ISSN: 0886- 9367	Volume XIII, Issue VIII, August/2021	UGC CARE	https://drive.google.com/file/d/1AnHnsKC-KJFrbyofkKwY8dv_14RqjLs/view?usp=sharing
9	B.Syamala	3	B.Syamala, Ch Abhilash, K.Praveen	OBJECT TRACKING SYSTEM USING DEEPSORT	International Journal of Analytical and Experimental Modal Analysis	ISSN: 0886- 9367	Volume XIII, Issue IX, September/2 021	UGC CARE	https://drive.google.com/file/d/1AnHnsKC-KJFrbyofkKwY8dv_14RqjLs/view?usp=sharing



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Student Conference papers

Sl No.	Name Of the Faculty As Author	No Of Authors	Main Author/ Others	Title Of the Paper	Name Of the Conference	Date/S	Organized By with Location	ISBN/ISSN Number	URL/DOI
1	Dr.T.Adilakshmi, M.Sunitha Reddy	4	M.Sunitha Reddy, Dr.T.Adilakshmi, Ravi Teja G, Ayush Noel	Adaptive Clustering Based Method To Address Long Tail Problem For Music Recommendation System	5th International Conference On Smart Computing And Informatics (SCI-2021)	17-18 September 2021	Vasavi College Of Engineering, Hyderabad	<u>Smart Innovation, Systems And Technologies</u> Book Series (SIST, Volume 282) Pp 331–338	DOI: 10.1007/978-981-16-9669-5_30
2	Dr.T.Adilakshmi, M.Sunitha Reddy	3	M.Sunitha Reddy, Dr.T.Adilakshmi, Yashfeen Zohra	Addressing Longtail Problem In Music Recommendation System	International Conference On Advanced Network Technologies And Intelligent Computing	17-18 December 2021	Banaras Hindu University	Proceedings Yet To Be Published in CRC Press	-

3	Dr.T.Adilakshmi, M.Sunitha Reddy	3	M.Sunitha Reddy, Dr.T.Adilakshmi, Maherunnisa	Hybrid Deep Learning based Music Recommendation System	4th International Conference On Computer Networks, Big Data And Iot , 2021	09-10 December, 2021	CARE College Of Engineering, Tamil Nadu	Lecture Notes on Data Engineering and Communications Technologies book series (LNDECT, volume 117)	DOI: 10.1007/978-981-19-0898-9_41
4	Dr. Nagaratna P Hegde, Dr.V.Sireesha		D. Kruthi, Dr. Nagaratna P Hegde, Dr.V.Sireesha,	Genre of a Song identification using Deep learning	International Conference on Technologies for Smart Green Connected Societies 2021,		November 29-30.		
5	Dr. Nagaratna P Hegde, Dr.V.Sireesha	3	Ch. Sravanthi, Dr. Nagaratna P Hegde, Dr.V.Sireesha	Chatbot Development using Deep Learning Techniques	International Conference on Technologies for Smart Green Connected Societies 2021,		November 29-30		
6	Dr Nagaratna P Hegde, Dr. Sireesha Vikkurty	3	Dr. Nagaratna Hegde, Sireesha Vikkurty And	Sentiment Analysis Using COVID-19 Twitter Data	5 th International Conference On Smart Computing And Informatics (SCI-2021)	17-18 September 2021	Vasavi College Of Engineering, Hyderabad	Smart Innovation, Systems And Technologies Book Series	DOI: 10.1007/978-981-16-9669-5_39

			Gnyanee K, G, P Hegde					(SIST, Volume 282) Pages 431-440	
7	Dr. Nagaratna Hegde, Sireesha Vikkurty	3	Dr. Nagaratna Hegde, Sireesha Vikkurty And Sravanthi Chandra	Chatbot Development Using Deep Learning Techniques	5 th International Conference On Smart Computing And Informatics (SCI-2021)	17-18 September 2021	Vasavi College Of Engineering, Hyderabad	<u>Smart Innovation, Systems And Technologies</u> Book Series (SIST, Volume 283)	
8	Dr. V.Sireesha, Dr. Nagaratna P Hegde	4	Dr. V.Sireesha, Dr. Nagaratna P Hegde, K. Sreenija B. Thindhu	An Enhanced Book Recommendation System Using Hybrid Machine Learning Techniques	5 th International Conference On Smart Computing And Informatics (SCI-2021)	17-18 September 2021	Vasavi College Of Engineering, Hyderabad	<u>Smart Innovation, Systems And Technologies</u> Book Series (SIST, Volume 283) Pages 171-179	DOI: 10.1007/978-981-16-9705-0_17
9	Dr. V.Sireesha, Dr. Nagaratna P Hegde	4	Dr. V.Sireesha, Dr. Nagaratna P Hegde, Palve Nanditha, B. Ram Naresh	Cardiovascular Disease Prediction Using Machine Learning With Flask API	5 th International Conference On Smart Computing And Informatics (SCI-2021)	17-18 September 2021	Vasavi College Of Engineering, Hyderabad	<u>Smart Innovation, Systems And Technologies</u> Book Series (SIST, Volume 283) Pages 181-190	DOI: 10.1007/978-981-16-9705-0_18
10	Dr. V.Sireesha, Dr. Nagaratna P Hegde	3	Dr. V.Sireesha, Dr. Nagaratna P Hegde,	Automatic Text Summarization Using Intelligent Systems	5 th International Conference On Smart Computing And Informatics (SCI-2021)	17-18 September 2021	Vasavi College Of Engineering, Hyderabad	<u>Smart Innovation, Systems And Technologies</u> Book Series	DOI: 10.1007/978-981-

			M.Yashwanth					(SIST, Volume 283) Pages 253-262	16-9705-0_25
11	Dr. V.Sireesha	2	Dr. V.Sireesha, J.Vinith	Effective Authentication Scheme For Healthcare Systems In Wireless Sensor Networks	International Conference On Advanced Network Technologies And Intelligent Computing	17-18 December 2021	Banaras Hindu University	-	-
12	Dr. V.Sireesha, Dr. Nagaratna P Hegde	5	Dr. V.Sireesha, Dr. Nagaratna P Hegde, K. Anisha, G.Meghana, M.Sashi Kumar	Cognitive Baby Care Solution For Smart Parenting	International Conference On Information And Communication Technology For Intelligent Systems	22-23 April, 2022	Ahmedabad, India	-	-
13	Dr. V.Sireesha, Dr. Nagaratna P Hegde	1	Dr. V.Sireesha, Dr. Nagaratna P Hegde, P. Ashish, K. Gopi Krishna	An Outlook for Traffic Congestion using Tunneling Technology	International Conference on Technologies for Smart Green Connected Societies 2021	November 29-30, 2021	SPAST	Vol. 1 No. 01 (2021): Smart Green Connected Societies	https://spast.org/techrep/article/view/2440
14	Dr. V.Sireesha, Dr. Nagaratna P Hegde	1	Dr. V.Sireesha, Dr. Nagaratna P Hegde, J. Karthik Reddy,	Effective Class Scheduler using Genetic Algorithm	International Conference on Technologies for Smart Green Connected Societies 2021	November 29-30, 2021	SPAST	Vol. 1 No. 01 (2021): Smart Green Connected Societies	https://spast.org/techrep/article/view/2446

15	R Sateesh Kumar M Navya	2	R Sateesh Kumar M Navya Dr S Sameen Fatima	HEART DISEASE PRIDITION USING CONVOLUTION NUERAL NETWORK	5 th International Conference On Smart Computing And Informatics (SCI-2021)	17-18 September 2021	Vasavi College Of Engineering, Hyderabad	<u>Smart Innovation, Systems And Technologies</u> Book Series (SIST, Volum e 282) Pages 421- 430	
16	Sriperambu duri Vinay Kumar	2	Sriperambu duri Vinay Kumar, Lakshmi Harika	Task Scheduling In Cloud Computing Using PSO Algorithm	5 th International Conference On Smart Computing And Informatics (SCI-2021)	17-18 September 2021	Vasavi College Of Engineering, Hyderabad	<u>Smart Innovation, Systems And Technologies</u> Book Series (SIST, Volum e 282) Pages 541- 550	DOI: 10.1007/9 78-981- 16-9669- 5_49