

PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY (AUTONOMOUS) VIJAYAWADA

DEPARTMENT OF INFORMATION TECHNOLOGY

TOTAL PAPER PUBLICATIONS (2020-21)

22.11.21

Total Publications: 43| SCOPUS: 12, OTHERS: 28 UGC:3| INC:14, BC:5 | Books:4

(Included Student as co authors publications: 10)

S.No.	Authors	Affiliation	Topic Title	Journal Name	ISSN	Volume	Issue	Page No.'s	Month & Year	Indexing
1.	Dr.B V Subba Rao, Dr.J.RajendraPrasad, Dr.S.Sai Kumar	PVPSIT	Designing and Developing A Software to Control Drone	International Journal of Advanced Trends in Computer Science and Engineering	ISSN 2278-3091	9	4	5768-5771	July – August 2020	OTHERS
2.	Dr. G. Lakshmi Dr. R. Vijaya Kumar Reddy	PVPSIT	Optimized threshold based EM Fusion Technique for Shrimp White Spot Disease Detection	International Journal of Advanced Trends in Computer Science and Engineering	ISSN 2278-3091	9	4	6577 – 6584	July – August 2020	SCOPUS
3.	Dr. R. Vijaya Kumar Reddy G VenuGopal	PVPSIT Girijaswi Rajanala, V Sambasiva Rao, N Harshavardhan, T Ajay (Students-	Transforming Unstructured data to Structured data using Map Reduce and HBase	International Journal of Emerging Trends in Engineering Research	ISSN 2347 - 3983	8	9	5755 – 5759	September 2020	SCOPUS

		coauthors)								
4.	Dr. R. Vijaya Kumar Reddy	PVPSIT	Breast Cancer Prediction using Classification Techniques	International Journal of Emerging Trends in Engineering Research	ISSN 2347 - 3983	8	9	6074 – 6079	September 2020	SCOPUS
5.	Dr.J.RajendraPrasad, Dr.S.Sai Kumar Dr.B V Subba Rao,	PVPSIT	Design and Development of Financial Fraud Detection using Machine Learning	International Journal of Emerging Trends in Engineering Research	ISSN 2347 - 3983	8	9	5838 – 5843	September 2020	SCOPUS
6.	Dr.S.Sai Kumar, Dr.B V Subba Rao, Dr.J.RajendraPrasad	PVPSIT	Design and Development of a Water Quality Monitoring System by Using IoT	International Journal of Emerging Trends in Engineering Research	ISSN 2347 - 3983	8	9	6441 – 6447	September 2020	SCOPUS
7.	Dr.B V Subba Rao,	PVPSIT	Breast Cancer Diagnosis Using MLP Back Propagation	International Journal of Emerging Trends in Engineering Research	ISSN 2347 - 3983	8	9	5539 – 5544	September 2020	SCOPUS
8.	Dr. K.Pavan Kumar, Dr.Y.Suresh	PVPSIT	Multimodal Authentication using Tensor Algebra	International Journal of Emerging Trends in Engineering Research	ISSN 2347 - 3983	8	9	5091 – 5094	September 2020	SCOPUS
9.	Dr.S.Sai Kumar	PVPSIT	Design and development of a sign language gesture recognition using open cv	International Journal of Advanced Trends in Computer Science and Engineering		9	5	8504-8508	September to October 2020	SCOPUS
10.	Dr PVS Lakshmi, Dr A.Haritha	PVPSIT	Big data analytics applying the fusion approach of multicriteria	International Journal of Engineering Trends and Technology /doi:10.14445/22315381/IJET	2231 – 5381	69	1	24-28,	January 2021	SCOPUS

			decision making with deep learning algorithms	T-V69I1P204						
11.	Dr.B V Subba Rao,	PVPSIT B.Vamsi Krishna (Students-coauthors)	Prediction of product Rating Based on User Reviews	International Journal of Development Research	ISSN: 2230 – 9926	11	1	43370 - 43372	January 2021	OTHERS
12.	Dr.B V Subba Rao,	PVPSIT	Environment Safe Modeling of Automatic Helmet Detection Using SVM Techniques	Journal of Green Engineering (JGE) February 2021	1511-1524	11	2		February 2021	SCOPUS
13.	Mrs. D. Leela Dharani	PVPSIT	"Machine Learning Algorithms Analysis On The Application Of Cancer Analysis"	Turkish Journal of Computer and Mathematics Education	1309-4653	12	8	134-142	April 2021.	OTHERS
14.	Mrs. K. Swarupa Rani	PVPSIT	Design and Analysis of an Efficient bit Based Object Detection”	Turkish Journal of Computer and Mathematics Education	1309-4653	12	8	1255-1259	April 2021.	OTHERS
15.	Mr. Gaddam Venu Gopal	Acharya Nagarjuna University	A Comparative Analysis on Hybrid SVM for Network Intrusion Detection System.	Turkish Journal of Computer and Mathematics Education (TURCOMAT)	1309-4653	12	2	2674–2679	April 2021.	OTHERS
16.	Dr. P.V.S.Lakshmi,	PVPSIT Vinnakota Karthik, Ramiseti Sai Vardhani, Nalluri Prajwala,	Travel Recommendation System Using Deep Learning Techniques	UGC Care Group I Listed Journal, Juni Khyat	2278-4632	11	4	42-47	April 2021	UGC

		Nakka Swathi Priya (Students- coauthors)								
17.	Dr. P.V.S.Lakshmi	PVPSIT A.Hanika, B.Preethi,Ch.Har sha BharathiChekka, Venkata Naga Sai (Students- coauthors)	Encrypted Donor Search Engine System Using Automated Learning Classifiers	International Journal of Computer Science and Mechatronics	2445- 1910, VOL 71220 21.	7	12		April 2021	OTHERS
18.	Dr. A. Haritha	PVPSIT Lakshmi Natayana U, Venkata SaiBabu P, Shaik Ijaz Ahammad, Bindu Meghana P(Students- coauthors)	Design of a Convolution Neural Network Model to Predict COVID-19	International Journal of Advanced Research in Science, Communication and Technology	2581- 9429	4	3	99- 105	April 2021	OTHERS
19.	Mr. Gaddam Venu Gopal	Acharya Nagarjuna University	A Detailed Study on A Benchmark Intrusion Dataset - Kyoto 2006+	International Journal of Emerging Trends in Engineering Research	ISSN 2347 - 3983	8	10	7228- 7231	October 2020	OTHERS
20.	Dr PVS Lakshmi, Dr A.Haritha	PVPSIT	An Extensive Analytical Approach on Human Resources using Random Forest Algorithm	International Journal of Engineering Trends and Technology doi:10.14445/22315381/IJETT -V69I5P217	2231 – 5381	69	5	119- 127	May 2021	SCOPUS
21.	Dr Y Padma, Dr D Kavitha, Ms. J	PVPSIT	Review on Fake News detection	International Journal of Advanced Research in Science,	2319- 8354	10	1	9-18	January 2021	OTHERS

	Sirisha		techniques	and Engineering. IF:6.1						
22.	Dr Y Padma	PVPSIT	A Novel Based Approach to classify opinion features using sentiment analysis on textual reviews by using QD Miner Technique	International Journal of Advanced Research in Engineering and Technology	0976-6480	12	2	218-228	February 2021	OTHERS
23.	Mrs J.Sirisha	PVPSIT	An Efficient Approach for Merging Small Files in HDFS Storage and Accessing Small Files by Using Name Node Method in Big Data	“Turkish Journal of Computer and Mathematics Education(TURCOMAT)”	ISSN: 1309-4653	12	0	4667-4673,	April, 2021.	OTHERS
24.	Ch.Praneeth	PVPSIT	Cryptocurrency and Blockchain: A Comparative Study and Analysis	Annals of the Romanian Society for Cell Biology	1583-6258	25	6	2616-2624	08 May 2021	OTHERS
25.	Ms. K.Swaroopa Rani, Ms. D.Leela Dharani	PVPSIT	A Novel Approach for Developing Web Blog APP	International Journal for Modern Trends in Science and Technology,	2455-3778	7	5	184-186,	May 2021	UGC
26.	Ms. D.Leela Dharani,Ms. K.Swaroopa Rani,	PVPSIT NVN Vaishnavi Sai Ravi Teja N (Students-coauthors)	A Website for Students to Choose their Graduate College on their Choice	International Journal for Modern Trends in Science and Technology,	2455-3778	7	5	187-190	May 2021	UGC

27.	Dr B V Subba Rao	PVPSIT	The Probability of Micro blog Forwarding using Multi-Message Interaction-Driving Mechansim	“Turkish Journal of Computer and Mathematics Education(TURCOMAT)”	ISSN: 1309-4653	12	9	434-437	April, 2021.	OTHERS
28.	Ms.K.Srivijaya	PVPSIT	Agents for Clustering Techniques	Journal of Xi'an University of Architecture & Technology	1006-7930	12	9	167-172	Septem ber 2020.	OTHERS
29.	Dr. Dr. R. Vijaya Kumar Reddy	PVPSIT M. Sanjana, P.L.V.Sai Sudheer, M. Lakshmi Vaishnavi, S. Jahnvi (Students-coauthors)	Comparative Analysis of Heart Diseases Prediction using Machine Learning Algorithms	International Journal for Modern Trends in Science and Technology,	2455-3778			218-224	June 2021	OTHERS
30.	Mr. P. Ravi Prakash, Dr.S.Sai Kumar	PVPSIT D.Pavani Satya Sai G Durga Sirisha (Students-coauthors)	Roll Dice Game Using Web Application	International Journal of Creative Research Thoughts	2320-2882	9	6	734-738	June 2021	OTHERS
31.	Mr. I.M.V Krishna Dr.S.Sai Kumar	PVPSIT	Fake News Detection Using Naïve Bayes Classifier	International Journal of Creative Research Thoughts	2320-2882	9	6	757-760	June 2021	OTHERS
32.	Dr. B.V. Subba Rao Dr Y Suresh	PVPSIT	Design and Development of Home Automation	International Journal of Creative Research Thoughts	2320-2882	9	6	214-217	June 2021	OTHERS

	Dr S. SaiKumar		using Internet of Things							
33.	Dr S. SaiKumar Dr G Lakshmi	PVPSIT	Web based Payroll Management System	International Journal of Creative Research Thoughts	2320-2882	9	6	214-217	June 2021	OTHERS
34.	Ms.M.Sowjanya, D. Leela Dharani	PVPSIT	Decision Supporting System in Agriculture through IOT	International Journal of Emerging Trends in Engineering Research	2347-3983	8	10	6738-6741	Oct 2020	OTHERS
35.	Ms.M.Sowjanya	PVPSIT	Extraction of 2D-Patterns from Protein Species Clustering	Annals of the Romanian Society for Cell Biology.	1583-6258	25	4	18082 - 18093	June 2021	OTHERS
36.	Ms.K.Srivijaya	PVPSIT	Iot Based Face Recognition Using Pir Sensor For Home Security System	Turkish Online Journal of Qualitative Inquiry (TOJQI)	1309-6591	12	3	1042-1052	June 2021	OTHERS
37.	Dr.A.Haritha	PVPSIT	An Integrated Feature Engineering Approach to Identify Falsity in COVID-19 Information”	Journal of Cardiovascular Disease Research.	0975-2833	11	2	333-344	2020	OTHERS
38.	Mrs J.Sirisha	PVPSIT B.Bhargavi B.Vyshnavi Ch.VishalMitra (Students-coauthors)	Design and Development of Face Recognition and Monitoring System" in UGC Journal	JuniKhyat Journal	2278-4632	11	1	276-281	June 2021	UGC

39.	Dr. D. Kavitha, Mrs J.Sirisha	PVPSIT	Particle Swarm Optimization Based Recognition and Classification of Rice LeafDiseases	JuniKhyat Journal	2278-4632	11	1	282-287	June 2021	UGC
40.	Dr. Y Suresh, Dr. K. Pavan Kumar	PVPSIT	Vehicle Accident Location Detection using IoT	International Journal of Advanced Research in Science, Communication and Technology,DOI:10.48175/IJAR SCT-1591.	2581-9429,	9	2	1495-1561, June 2021.	June 2021	OTHERS
41.	Dr.Y Padma	PVPSIT	Cardiovascular Heart Disease Prediction using Machine Learning Classifiers with Datamining Techniques	Turkish Online Journal of Qualitative Inquiry (TOJQI)	1309-6591	12	3	993-1001	June 2021	OTHERS
42.	Dr.G.Reshma	PVPSIT B.Vani Yagnasri,P.Bhuvana(Students-coauthors)	Application Development of Employee Management System	International Journal for Modern Trends in Science and Technology,DOI::10.46501/IJ MST0706060.	2455-3778	7	6	368-370	June 2021	OTHERS
43.	Dr.D.Kavitha	Nagaraju Devarakonda1 , VIT- AP University, Amaravati Raviteja Kamarajugadda Lakireddy Bali Reddy College of Engineering, Mylavaram	Escape the Traffic Congestion Using Brainstorming Optimization Algorithm and Density Peak Clustering	Ingénierie des Systèmes d'Information https://www.iieta.org/journals/isi/paper/10.18280/isi.260305	2116-7125	26	3	285-293	June, 2021	SCOPUS

International Conferences 14

S.No.	Authors	Affiliation	Topic Title	Conferences	ISSN/ISBN	Page No.'s	Month & Year	Indexing
1	Dr. K.Pavan Kumar, Dr. Y.Suresh	PVPSIT	Image Fusion using LUKR in Multi Modal Authentication	International Conference on Advances in Computer Engineering and Communication Systems	Learning and Analytics in Intelligent Systems 20 Doi.org/10.1007/978-981-15-9293-5_40	447-452	13 th & 14 th August, 2020	Springer Conference Scopus
2	Dr. R. Vijaya Kumar Reddy	PVPSIT	Bank Marketing using Intelligent Targeting	1st International Conference on Machine Intelligence and Soft Computing (ICMISC-2020)		481-490	3 rd & 4 th September, 2020	Springer Conference Scopus
3	M.Sundara babu G.Venugopal	PVPSIT Ch. Lasya Sarada, B. Bhargavi(students as co authors)	IoT Based Calling Bell	Machine Learning, Deep Learning and Computational Intelligence for Wireless Communication(MDCWC 2020) NIT Tiruchirapalli	“ Machine Learning, Deep Learning and Computational Intelligence for Wireless Communication- Proceedings of MDCWC2020” with eBook ISBN No: 978-981-16-		22 nd to 24 th October, 2020	Springer

					0289-4, Lecture Notes in Electrical Engineering.			
4	Dr A Haritha Dr PVS Lakshmi	PVPSIT	Development Of frame work for smart energy meter reader using image processing	International conference on applications of networks, sensors and autonomous systems analytics, JIS College of Engineering,Kalyani			11 th &12 th December 2020	Springer Conference Scopus
5	Dr S.Sai Kumar Dr BV Subba Rao Dr J Rajendra Prasad	PVPSIT	Hybrid medical image fusion based on curvelt transform with pulse coupled neural network	2 Days International Conference on Recent Innvations in Science, Engineering, Humanities and Mangement,IEI Chandigarh,Institute of Engineers India	ISBN 978-81-948668- 6-2	9-15	16 th -17 th Januray 2021	
6	P.Ravi Prakash Dr R. VijayKumar Reddy KVN Krishna Mohan(Other)	PVPSIT	A Survey on online during COVID-19 Panedemic	5 th Intertenational multidisciplinary Research conference ,Osmania University Center, Hyderabad	ISBN 978-81-948668- 1-7	117-122	26 th December 2020	---
7	Ms.K.Swarupa Rani, Ms. D.Leela Dharani,Ms.G.Resh ma	PVPSIT	Investigation of Spam Detection Approach in Social Network Marketing by Using Machine Learning Algorithms	2 Days International Conference on Recent Innvations in Science, Engineering, Humanities and Mangement,IEI Chandigarh,Institute of Engineers India	ISBN 978-81-948668- 6-2	280-287	16 th -17 th Januray 2021	--
8	Ms. D.Leela Dharani, Ms.K.Swarupa Rani, Ms.G.Reshma	PVPSIT	Computer based examination management system with message notification features	2 Days International Conference on Recent Innvations in Science, Engineering, Humanities and Mangement,IEI Chandigarh,Institute of Engineers India	ISBN 978-81-948668- 6-2	261-271	16 th -17 th Januray 2021	--

9	Dr A. Haritha and Dr. P.V.S.Lakshmi	PVPSIT Ch.Laasya Saradha (Students-coauthors)	Design and Development of Retrieval based Chatbot using Sentence Similarity	SCOPUS Indexed International Conference on Wireless Sensor Networks, Ubiquitous Computing and Applications 2021(ICWSNUCA-2021) Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad, India, during	ISBN:978-981-16-2918-1		26-27 February 2021.	Springer SCOPUS
10	Ms.G.Reshma ,Ms. D.Leela Dharani, Ms.K.Swarupa Rani,	PVPSIT	Machine Learning Based Regression Analysis on Women Safety	2 Days International Conference on Recent Innvations in Science, Engineering, Humanities and Mangement,IEI Chandigarh,Institute of Engineers India	ISBN 978-81-948668-6-2		16 th -17 th Januray 2021	--
11	Dr.B.V SubbaRao	PVPSIT	KI-Spaces-21-80 “Selenium Tool For Automatic Fault Diagnosis Framework On Web Applications	2 Two-day Virtual International Conference (Signal Processing and Communication Engineering Systems- SPACES-2021) at K L Deemed to be University, Guntur, AP, India.			11th - 12th June 2021	Scopus Web of Science
12	Dr S.Sai Kumar	PVPSIT	Battling Fake News: A survey on Mitigation Techniques and Identification	5 th International Conference on Trends in Electronics and Informatics (ICOEI 2021) organized by SCAD College of Engineering and Technology , Tirunelveli, Tamilnadu , India	978-1-6654-1570-5		3 rd to 5 th June 2021.	IEEE

13	Dr S.Sai Kumar	PVPSIT	Concept Summarization of Uncertain Categorical data streams based on Cluster Ensemble Approach	International Conference on Pervasive Computing and Social Networking(ICPCSN 2021) organized by Narasu's Sarathy Institute of Technology, Salem, India			19 th and 20 th March 2021	Springer
14	Ms.K.Srivijaya	PVPSIT	Efficient Deeplearning Technique to person re-identification in content based video system	IEEE International Conference on Computational Intelligence for Smart Power System and Sustainable Energy (CISPSSE-2020),	978-1-7281-7274-3		July 29-31, 2020, Odisha, India	IEEE

Book Chapters: 5

S.No	Authors	Affiliation	Title of the Chapter	Conference Name	Page Nos	Month & Year	ISBN	Organizers	Indexing
1	Dr R Vijaya Kumar Reddy	PVPSIT Ch. Chandra Mouli, M Laasya priya, J Uttej, G Pavan Sri Sai (Students-coauthors)	SMART VOTING SYSTEM	Emerging Trends in Computer Science	111-117	Sep 2020	978-93-5416-233-6	Immortal Publications	Elsevier SSRN
2	Dr R Vijaya Kumar Reddy	PVPSIT N Sai Rachana, M Surya Narayana, S Prakash, y Ravi Krishna (Students-coauthors)	CHANGE DETECTION IN REMOTE SENSING IMAGES USING SSIM	Emerging Trends in Computer Science	29-36	Sep 2020	978-93-5416-233-6	Immortal Publications	Elsevier SSRN
3	Dr. D. Kavitha, Ms. Y. Padma	PVPSIT	Optimized Candidate Generation for Frequent Subgraph Mining in a Single Graph	Proceedings of International Conference on Computational Intelligence and Data Engineering,	259-272	Jan 2021	https://doi.org/10.1007/978-981-15-8767-2_23	Lecture Notes on Data Engineering and Communications Technologies 56,	Springer
4	Dr PVS Lakshmi Dr A Haritha	PVPSIT	ACNNADDP: An Adaptive Convolution Neural Network Algorithm for Diabetic Disease Prediction	Recent Challenges and Applications of Machine Learning and Data Science	16-24	Dec 2020	978-93-5437-721-1	Immortal Publications	

5	Dr PVS Lakshmi	PVPSIT	A Comparative study on Restaurant Recommendation System Based on Machine Learning Algorithms	Recent Challenges and Applications of Machine Learning and Data Science	1-7	Dec 2020	978-93-5437-721-1	Immortal Publications	
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Books:4

Faculty Name	Dept.	Title of the Book	Publisher Name	Edition	ISBN No.	Month & Year of Publication	Academic Year
Dr R Vijaya Kumar Reddy	IT	Data Structure & algorithm using C	BH International Publications	First	978-81-946124-8-3	October 2020	2020-21
Dr A Haritha Dr PVS Lakshmi	IT	Opinion Mining with Abstractive Summarization	INSC PUBLISHING HOUSE	First	978-1-954461-69-7	2021	2020-21
Dr G Reshma	IT	Machine learning For ALL	Walnut Publications Vyusta Ventures LLP	First	978-93-91145-35-4	June 2021	2020-21
Dr S Sai Kumar	IT	Data Warehouse and DataMining	Forschung Publications	First	978-93-87865-90-7	March 2021	2020-21

(Dr. B. V. Subba Rao)