

PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY (AUTONOMOUS) VIJAYAWADA
DEPARTMENT OF INFORMATION TECHNOLOGY
TOTAL PAPER PUBLICATIONS (2022-23)

01.09.2023

Total Publications: 34 [UGC:1, SCI/SCOPUS: 4+12, OTHERS: 18] | INC:15, NC:2, BC:1 Books:1
INC-8-Scopus/SCI/IEEE indexed

S.No	Authors	Affiliation	Topic Title	Journal Name	ISSN	Volume	Issue	Page No.'s	Month & Year	Indexing	Link
1	M Madhu Bala, A.Haritha, C Srinivasulu	IARE, Hyderabad, PVPSIT, IARE	An Approach for Learner Categorization Based on Emotions in Intelligent Adaptive E-Learning Environment	Journal of Mobile Multimedia,	1550- 4646	18	6	1709 - 1732	July 2022	SCOPUS	https://journals.riverpublishers.com/index.php/JMM/article/view/13053
2	D. Leela Dharani, Jagadeesan.S, N.Bindu Madhavi, Senthilkumar N C, M. Sunil Kumar, K.Prabhu	PVPSIT	Classification of nitrate chemical concentration in ground water using cloud based artificial intelligence	European Chemical Bulletin	2063- 5346	11	10	90- 97	Novem ber 2022	SCOPUS	https://www.eurchembull.com/?mno=131985
3	K.Swarupa Rani, R.Jayadurga,V.L. Raja,M.Sunil Kumar, R. Satya	PVPSIT	Mass transfer prediction using artificial neural network in an	European Chemical Bulletin	2063- 5346	11	10	113- 120	Novem ber 2022	SCOPUS	https://www.eurchembull.com/

	Rama Swathi, Prashanth Kumar		alumina matrix porous media								com/?mno=132002
4	Mrs. D. Leela Dharani, S. Jahnavi, Y. Yougender, M. Tanuja, M. Yaswanth	PVPSIT	Water Quality Prediction and Analysis Using Machine Learning	International Journal of Advanced Research in Science, Communicatio n and Technology (IJARSCT)	2581- 9429	2	1	672- 675	Novem ber 2022	Other	https://doi.org/10.48175/IJARSCT-7539
5	K.Swarupa Rani, Sk. Tabasum Fathima, S. Gayathri, M. Pavani, Y. Swath	PVPSIT	Detection of Autism Spectrum Disorder using Machine Learning	International Journal of Advanced Research in Science, Communicatio n and Technology (IJARSCT)	2581- 9429	2	1	71- 74	Novem ber 2022	Other	https://ijarsct.co.in/nov3i.html
6	J. Sirisha,V. Lakshmi Prathyusha,P. Naga Anupriya,M. Suma Sri, P. Naga Hema	PVPSIT	Customer Segmentation using K-Means Clustering	International Journal of Advanced Research in Science, Communicatio n and Technology (IJARSCT)	2581- 9429	2	3	170- 175	Novem ber 2022	Other	https://ijarsct.co.in/A7618.pdf
7	Mr. B. Venkata Satish Babu,R. Bharath,Sk. Parvez,S.	PVPSIT	Resume Parser using Natural Language Processing	International Journal of Advanced Research in	2581- 9429	2	3	161- 165	Novem ber 2022	Other	https://ijarsct.co.in/Paper76

	Sreya,M. Yaswini			Science, Communicatio n and Technology (IJARSCT)							16.pdf
8	D. Bharadwaja,Ch. Bhavya Sri,G. Aswani,G. Sushma,Ch. Prabhu Kiran	PVPSIT	A Doctor Appointment Booking System	International Journal of Advanced Research in Science, Communicatio n and Technology (IJARSCT)	2581- 9429	2	3	75- 79	Novem ber 2022	Other	https:// ijarsct. co.in/P aper76 01.pdf
9	Mrs. V. Rashmi, G. Reshma, B. Siri Chandana, B. Nitish, G. Rajesh	PVP Siddhartha Institute of Technolog y	Web Portal Based on Car Rental System	International Journal of Advanced Research in Science, Communicatio n and Technology (IJARSCT)	2581- 9430	2	3	25- 31	Novem ber 2022	Other	https:// doi.or g/10.4 8175/I JARS CT- 7593
10	Chetla Chandra Mohan, V. Rashmi, V. Bhavani, R. Surendiran	Prasad V Potluri Siddhartha Institute of Technolog y, KLEducati onal Foundation , Annai College of	Operating System based Empirical Investigations to Thread Migration Competence System	SSRG International Journal of Engineering Trends and Technology	2231 – 5381	70	11	410- 421	Novem ber 2022	SCOPUS	https:// ijettjou rnal.or g/Volu me- 70/Iss ue- 11/IJE TT- V70I1 1P241.

		Arts and Science									pdf
11	Sirisha.J, Sowjanya Vuddanti, J.V.N.Ramesh	PVPSIT	A Review based Investigation of Exploratory analysis in AI and Machine Learning for a Variety of Applications	International Journal on Recent and Innovation Trends in Computing and Communication	2321-8169	10	2	182-185	December 2022	SCOPUS	https://ijritcc.org/index.php/ijritcc/issue/view/125
12	A. Ratna Raju, Telugu Maddilet, Sirisha.J	Mahatma Gandhi Institute of Technology, Hyderabad	Pseudo Trained YOLO R_CNN Model for Weapon Detection with a Real-Time Kaggle Dataset	The International Journal of Integrated Engineering	2229-838X	14	7	131-145	December 2022	SCOPUS	https://publisher.uthm.edu.my/ojs/index.php/ijie/article/view/10842/5548
13	P. Ashok Babu, B.V. Subba Rao, Y. Vijay Bhaskar Reddy, G .Rajendra Kumar, J. Nageswara Rao, Surendra Kumar Reddy Koduru, G Sunil Kumar	PVP Siddhartha Institute of Technology	Optimized CNN-based Brain Tumor Segmentation and Classification using Artificial Bee Colony and Thresholding	International Journal Of Computers Communications & Control,	1841-9844	18	1	1-18	February 2023	SCI	https://doi.org/10.15837/ijccc.2023.1.4577
14	B. V. Subba Rao,Vivek	PVP Siddhartha	A Secure Framework To	International Journal of	2156-1834	13	1	1-22	February 2023	SCOPUS	https://doi.org

	Sharma, Neeraj Rathore, Devendra Prasad, Harishchander Anandaram	Institute of Technology	Prevent Three Tier Cloud Architecture from Malicious Malware Injection Attack	Cloud Applications and Computing,							g/10.4018/IJ CAC.317220
15	Ch. Praneeth, N. V. Sanjana Naidu, M. Konda Reddy, P. Sirisha, Sk. Aashik	PVP Siddhartha Institute of Technology	Facial Expression Recognition using DL	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2581-9429	2	1	815-818	November 2022	Other	https://ijarsct.co.in/Paper7567.pdf
16	Dr.G.Lakshmi, V.Pravallika, R.Rattaiah, M.Sriramchandra, M.Supritha, T.Lohith	Prasad V. Potluri Siddhartha Institute of Technology	Extraction of Text from Digital Images in Multiple Languages using Pytesseract	International Journal of Advanced Research in Science, Engineering and Technology Link: https://www.ijarsct.co.in/Paper7567.pdf	2350-0328	9	11	2009-8-2010-2	November 2022	OTHERS	https://www.ijarsct.co.in/Paper7567.pdf
17	Dr. S. Sai Kumar, T. Swetha Chowdary, V. Akshara, N.	Prasad V. Potluri Siddhartha Institute of Technology	Fraud Detection in Online Market Transactions	International Journal of Advanced Research in Science,	2581-9429	2	1	731-735	November 2022	OTHERS	https://ijarsct.co.in/A7552.pdf

	Akhil, Sd. Lukhman, V. Kumar Parasuram	y		Communication and Technology							
18	Myneni Madhu Bala, D. N. Vasundhara, Akkineni Haritha & CH. V. K. N. S. N. Moorthy		Design,development and performance analysis of cognitive assisting aid with multi sensor fused navigation for visually impaired people”	Journal of Big Data, 21	ISSN: 2196-1115,	10	1	1-21	February 2023.	SCI	https://doi.org/10.1186/s40537-023-00689-5
19	Dr G.Reshma,,B.T.Prasanna,H.S.Niranjan Murthy,T.S.N Murthy,S.Parthiban	Prasad V.Polturi Siddhartha Institute of Technology	Privacy-aware access control (PAAC)-based biometric authentication protocol (Bap) for mobile edge computing environment	Soft computing A Fusion of Foundations, Methodologies and Applications(springer Nature)	1432-7643				April 28,2023	SCI	https://doi.org/10.1007/s00500-023-08226-5
20	Dr. V. Gokula Krishnan, Dr. M. V. Vijaya Saradhi, Dr. S. Sai Kumar , G. Dhanalakshmi, P. Pushpa,Dr. V. Vijayaraja	Prasad V.Polturi Siddhartha Institute of Technology	Hybrid Optimization based Feature Selection with DenseNet Model for Heart Disease Prediction	International Journal of Electrical and Electronics Research (IJEER)	2347-470X	11	2	253-261	April 30, 2023	SCOPUS	https://ijeer.forexjournal.co.in/archive/volume-11/ijeer-11020

											3.html
21	Y.Padma, K.Pavan Kumar	Prasad V.Polturi Siddhartha Institute of Technolog y	Prediction of Comorbrid Malignancy Patient Survivability	Journal of Theoretical and Applied Information Technology	1992- 8645	101	8	3162 - 3174	April,2 023	SCOPUS	http:// www.j atit.or g/volu mes/V ol101 No8/3 0Vol1 01No8 .pdf
22	K.Pavan Kumar, Y.Padma	Prasad V.Polturi Siddhartha Institute of Technolog y	DESIGN OF RELIABLE ENERGY- EFFICIENT WIRELESS SENSOR NETWORK ROUTING PROTOCOL	Journal of Data Acquisition and Processing	1004- 9037	38	2	4591 - 4605	April20 23	To be indexed in SCOPUS	http://s cijycl. cn/arti cle/vie w- 2023/0 2_459 1.php
23	Ch.Praneeth, V Keerthi, Y Leela Sri, P Sirisha, M Supritha	Prasad V.Polturi Siddhartha Institute of Technolog y	Successive Word Prediction	International Journal of Scientific Research in Engineering and Management	2582- 3930	7	4	1-4	April 2023	Others	https:// ijsrem. com/d ownlo ad/suc cessiv e- word- predict ion/
24	Dr. V. Gokula Krishnan1, S. Hemamalini, Praneeth	PVP Siddhartha Institute of Technolog	Attack Detection using DL based Feature Selection with	International Journal of Electrical and Electronics	2347- 470X	11	2	308- 314	May 2023	SCOPUS	https:// ijeer.f orexjo urnal.c

	Cheraku, K. Hema Priya, Sangeetha Ganesan, Dr. R. Balamanigandan	y	Improved Convolutional Neural Network	Research (IJEER)							o.in/ar chive/ volum e- 11/ije r- 11020 9.html
25	Dr. A. Haritha, M. Priyanka, A. Bindu Priya Darshini, I. Sumanth, G. Amrutha	PVP Siddhartha Institute of Technolog y	Prediction Of Heart Disease Using Machine Learning Techniques	International Journal of Scientific Research in Engineering and Management (IJSREM)	2582- 3930,	7	4	1-4	April 2023.	OTHERS	https:// ijsrem. com/d ownlo ad/pre diction -of- heart- diseas e- using- machi ne- learnin g- techni ques- 2/
26	Bandaru Kanaka Durga, Vullanki Rajesh, Sirisha Jagannadham, Pattam Sampath Kumar, Ahmed Nabih	Prasad V.Potluri Siddhartha Institute of Technolog y	Deep Learning- Based Micro Facial Expression Recognition Using an Adaptive Tiefes FCNN Model	Traitement du Signal	0765- 0019	40	3	1035 - 1043	June 2023	SCI	https:// www.i eta.or g/jour nals/ts/ paper/ 10.182

	Zaki Rashed, Kayam Saikumar										80/ts.4 00319
27	B.V.Satish Babu, Dr. K.Suresh Babu	PVP Siddhartha Institute of Technolog y	Blockchain-Driven Access Control: A Comprehensive Survey	North Asian International Research Journal of Sciences, Engineering	2454- 7514	9	6	17 – 36	June 2023	OTHERS	https:// www. nairjc. com/as sets/im g/issue /XD4r cx_45l 5nd tc v3QW _UM5 5KB _17928 0.pdf
28	B.V.Satish Babu,K. Kaushanthi Devi,L.Arun Sai Rohith,R.Charan, M.Bala Murali Krishna	PVP Siddhartha Institute of Technolog y	Fake News Classification Using Machine Learning	Journal of Fundamental & Comparative Research	2277- 7067	X	4 (I)	96- 103	Jan to June 2023	UGC	

29	MPurushothamR eddy,K.Pavan Kumar, Y suresh, T Vara Lakshmi	PVP Siddhartha Institute of Technolog y	Prediction of Chronic Kidney Disease using SVM and CNN	International Journal on Recent and Innovation Trends in Computing and Communicatio n	2321- 8169	11	5s	80- 89	May 2023	SCOPUS	https:// ijritcc. org/in dex.ph p/ijrit c/articl e/view /6632/ 5906
30	D. Bharadwaja, T. Indu Priya, N. Vishnu Priya, M. Srirama Chandra,T. Lohith	PVP Siddhartha Institute of Technolog y	Music Genre Classification Using Deep Learning	Journal of Emerging Technologies and Innovative Research	2349- 5162	10	4	676- 679	April 2023	OTHERS	https:// www.j etir.or g/pape rs/JET IR230 4983.p df
31.	Dr.D.Kavitha,R. Triveni, S. Harsha Vardhan, N. Akhil, V. Kumar ParasuRam	PVP Siddhartha Institute of Technolog y	Crop Recommendation System using ML	International Scientific Journal of Engineering and Management	2583- 6129	4	2		April 2023	OTHERS	DOI: 10.550 41/ISJ EM00 457
32	V Rashmi, C Chandra Mohan, Vasanth Bhavani, Y Anuradha, Lella Kranthi Kumar, B Sowjanya, K Sundara Kumar, Kodepogu Koteswara Rao,	PVP Siddhartha Institute of Technolog y	Experimental Investigations to Fault Reduction System for Software Applications	Ingénierie des Systèmes d'Information	1633- 1311	28	3	567- 573	June 2023	SCOPUS	DOI: https:// doi.or g/10.1 8280/i si.280 304

	Anil Kumar Pallikonda										
33	Divvela Srinivasa Rao, I. M. V. Krishna	PVP Siddhartha Institute of Technology	Efficiency of Meta Heuristic Optimization Algorithms	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2581-9429	2	3	49-54	November 2022	OTHERS	
34	I.M.V.Krishna	PVP Siddhartha Institute of Technology	Fingerprint based Voting System	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2581-9429	2	3	239-243	November 2022	OTHERS	

CONFERENCES 2022-23 National:2, Int:15 SCOPUS/SCI/IEEE:8

S. N o.	Authors	Affiliation	Topic Title	Conference Details	ISSN/ ISBN	V ol	Is su e	Pa ge No .s	Mon th & Year	Inde xing	URL
1	Mrs. D.Leela Dharani, Dr. G.Reshma, Mrs. K. Swarupa Rani	PVPS IT	Impact of IOT in Farming	International Conference on Multidisciplinary Research and Latest Innovation - 2022	ISBN: 978-93-91535-35-3			20 - 30	December 2022	Others	http://proceeding.conferenceworld.in/ICMRLI-2022/417122022T707.pdf
2	Mrs. K. Swarupa Rani, Mrs. D.Leela Dharani, Dr. G.Reshma	PVPS IT	An Amalgamate Deep Learning Techniques for Disease Detection and Classification	International Conference on Multidisciplinary Research and Latest Innovation - 2023	ISBN: 978-93-91535-35-4			13 - 19	December 2022	Others	http://proceeding.conferenceworld.in/ICMRLI-2022/317122022T706.pdf
3	Ch. Praneeth, N. V. Sanjana Naidu, M. Konda Reddy, P. Sirisha, Sk. Aashik	PVP Siddhartha Institute of Technology	Human Activity Classification based on Smartphone Data using ML Techniques	National Conference on Recent Trends in Information Technology-2K23	ISBN: 978-93-5810-920-7			11 6- 12 1	February 2023	Others	https://www.ijiemr.org/downloads/paper/Volume-12/the-tradeoff-between-ml-and-dl-techniques-for-face-emotion-classification
4	Ch.Praneeth, Sujana	PVP Siddhartha	The Tradeoff	National Conference on	ISBN: 978-			96 -	February	Others	https://www.ijiemr.org/downloads/paper/Volume-12/human-

	Chowdary P, Sairam M, Venkata Naga Janardhan K, Sai Sankar s	artha Instit ute of Techn ology	between ML and DL Techniques for Face Emotion Classificatio n	Recent Trends in Information Technology - 2K23	93-5810-920-7			102	2023		activity-classification-based-on-smartphone-data-using-ml-techniques
5	Dr Y Padma , Dr Sk Nagul	PVP Siddh artha Instit ute of Techn ology	An Unique Model for detecting the disease using decision Making Approach(D MA)	International Conference on Automation, Computing and Renewable Systems (ICACRS)	ISBN: 978-1-6654-6084-2			1239-1243	Febr uary 2023	SCO PUS	https://ieeexplore.ieee.org/document/10029186
6	Dr.S.Sai Kumar, K.Subba Shankar, E.Sunil, P.Saidulu, N.Rajeswar an,G. Venkata Hari Prasad	PVP Siddh artha Instit ute of Techn ology	Digitized Integrated Technology for Urban Agriculture for Future Sustainabilit y	12th International Advanced Computing Conference (IACC-2022)					Dece mber 2022		To be indexed in Scopus
7	Praveen Tumuluru, Dr. S.Sai Kumar, N.Sunanda	PVP Siddh artha Instit ute of Techn ology	Stacked ensemble model for driver drowsiness detection	5th International Conference on Smart Syatems and Intentive Technology	ISBN: 978-1-6654-7467-2				Janu ary 2023	SCO PUS	https://ieeexplore.ieee.org/document/10060933
8	G.Thamara	PVP	Reliable	IEEE	INSP			14	Nove	SCO	https://ieeexplore.ieee.org/docu

	i Selvi, Amal Hamdy, K.Sri Vijaya	Siddh artha Instit ute of Techn ology	and Efficient Image Processing and Deep Machine Learning for large- scale Digital Image Retrieval	International Interdisciplinary Humanitarian Conference for Sustainability (IIHC-2022)	EC Acces sion Numb er: 22811 881			81 - 14 84	mber 2022	PUS	ment/10059657
9	Ch. Sita Kameswari , V Rashmi, K.S.R. Radhika; T.Santhi Sri	PVP Siddh artha Instit ute of Techn ology	A Tumor Classificatio n Algorithm Utilizing Extreme Gradient Boosting	2023 IEEE International Conference on Integrated Circuits and Communication Systems (ICICACS)	Electr onic ISBN: 979- 8- 3503- 9846- 5 ISBN: 979- 8- 3503- 9847- 2				April 2023	SCO PUS IEE E	https://ieeexplore.ieee.org/document/10100241 DOI: 10.1109/ICICACS57338.2023.10100241
10	Dr G Lakshmi	PVP Siddh artha Instit ute of Techn ology	Interactive projection Technology using hand gesture recognition with	2nd International Conference on Applied Artificial Intelligence and computing	, IEEE Explo re with ISBN : 978-				May 4-6 2023 6	SCO PUS	https://ieeexplore.ieee.org/document/10141150

			attention mechanism and Resnet	(ICAAIC 2023) organized by Narasu's Sarathy Institute of Technology, Salem, India on 4-6 May 2023	1-6654-5630-2						
11	Myneni Madhu Bala, Haritha Akkineni, Siva Abhishek Sirivella, Siddharth Ambati & Krishna Vamshi Potharaju Venkata Sai	IARE , PVPS IT	Implementation of an adaptive E-learning platform with facial emotion recognition	Microsystem technologies- micro-and nanosystems- information storage and processing systems	0946-7076	29	4	609-619	February 2023	SCI	https://link.springer.com/article/10.1007/s00542-023-05420-1 https://doi.org/10.1007/s00542-023-05420-1
12	Santhi Sri Tatavarthy; Ravisankar Malladi; Parvathi Vallabhaneni ; Chandramouli Malladi	PVP Siddhartha Institute of Technology	Improved fuzzy rule set distributed algorithm based smart water management system using	AIP Conference Preocceedings	1551-7616	2655	1		May 2023	SCOPUS	https://pubs.aip.org/aip/acp/article-abstract/2655/1/020005/2888223/Improved-fuzzy-rule-set-distributed-algorithm?redirectedFrom=fulltext

			sensor communica tion								
13	Dr.G.Reshma,Sudha Bhargavi Cheemakurthi,Sravani Loya,Lakshmi Vipanya Bade,Surendra Dasari,	PVP Siddhartha Institute of Technology	EFFECTIVE PERFORMANCE PROGNOSTICATION OF CARS USING MACHINE LEARNING	IEEE International conference on sustainable computing and smart systems(ICSCSS 2023) organized by Hindusthan college of Engineering and Technology,Coimbatore,INDIA	IEEE EXPLORER WITH ISBN :979-8-3503-3360-2				14-16 June 2023		To be indexed in Scopus
14	Dr V Sivaparvathi	PVP Siddhartha Institute of Technology	A Hybrid-Layered Framework for Detection and Diagnosis of Alzheimer's Disease (AD) from Fundus Images	2023 Third International Conference on Artificial Intelligence and Smart Energy (ICAIS)	INSP EC Accession Number: 22881927				2 to 4 feb 2023	SCOPUS	https://ieeexplore.ieee.org/xpl/conhome/10073654/proceeding
15	Dr. P. Sai Kiran Dr.B. Tirapathi Reddy	PVP Siddhartha Institute of Technology	violence prediction system using Bi-LSTM	3rd international conference on pervasive computing and social					19-20th june 2023		To be indexed in Scopus

		Techn ology		networking organized by Narasu's Sarathy Intitute of Technology,Sale m ,india on							
16	B.V.Satish Babu, V.Lakshmi Prathyusha, P.Naga Anupriya, N. Kasi Mounik, Madala Yoshitha	PVP Siddh artha Instit ute of Techn ology	Sucidal Tendencay Detection	Hinweis Second International Conference on Advances in Software Engineering and Information Technology (ASIT) June 16-17, 2023					June 16- 17, 2023		To be indexed in Scopus
17	Dr.K. Pavan Kumar, M.Venkata Prathyusha , N. Lakshmi Sai , A. Ram Trivedh , P.Naga Sai Manikanta	PVP Siddh artha Instit ute of Techn ology	“Two Wheeler Helmet Detection And Number plate Extraction	Hinweis Second International Conference on Advances in Software Engineering and Information Technology (ASIT) June 16-17, 2023					June 16- 17, 2023		To be indexed in Scopus

Book Chapters:1(2022-23)										
S. No	Authors	Affiliation	Title of the Chapter	Book Title	Page Nos	Month & Year	ISBN	Publishers	Indexing	Link
1	Dr.G.Reshma, Dr.PVS Lakshmi	PVPSIT	Assessment of Neurological Disorders among Children using Machine Learning Techniques	Research Developments in Science and Technology	123 - 131	July 2022	978-93-5547-559-6	B.P.International	NA	https://doi.org/10.9734/bpi/rdst/v10/2540B

			Books Published : 1 (2022-23)				
Faculty Name	Dept.	Title of the Book	Publisher Name	Edition	ISBN No.	Month & Year of Publication	URL
Dr.B. Tirapathi Reddy	IT	An Efficient File Access Control Technique Scheme by Shared Cloud Data Security	Integrated Publications	1	978-93-95118-63-7	April 2023	