

PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY (AUTONOMOUS) VIJAYAWADA
DEPARTMENT OF INFORMATION TECHNOLOGY
TOTAL PAPER PUBLICATIONS (2021-22)

29.07.2022

Total Publications: 40| SCI/SCOPUS: 3+7, OTHERS: 26 UGC:4| INC:14, BC:8 | Book:1
Student as co authors publications:13

Total Publications: 40(28-Faculty)+(12-with student)										
S.No	Authors	Affiliation	Topic Title	Journal Name	ISSN	Volume	Issue	Page No.'s	Month & Year	Indexing
1	Gaddam Venu Gopal, Gatram Rama Mohan Babu	Y.S. Rajasekhar Reddy University College of Engineering & Technology, Acharya Nagarjuna University	An Ensemble Feature Selection Approach using Hybrid Kernel based SVM for Network Intrusion Detection System	Indonesian Journal of Electrical Engineering and Computer Science	2502-4752	23	1	558-565	July 2021	SCOPUS
2	CH Chandra Mohan, Dr VVR Maheswara Rao	PVPSIT, Shri Vishnu Engineering college For women	Application of Data Science on Health Issues and Aspects	International Journal for Modern Trends in Science &Technology	2455-3778	17	7	374-378	July 2021	OTHERS
3	V. Rashmi, A. Haritha, PVS Lakshmi	Prasad V. Potluri Siddhartha Institute of Technology	Survey on Machine Learning Techniques on SMS Spam Detection	Mukt Shabd Journal	2347-3150	10	12	261-267	December 2021	OTHERS
4	Dr BV Subba Rao, Dr S Sai kumar, L Ravi	Prasad V. Potluri Siddhartha Institute of	Design and Development of an Innovative	APTİKOM Journal on Computer	2528-2417	6	2	1-6	July 2021	OTHERS

	Kumar, M.Sundara Babu, P Ravi Prakash	Technology	Biometric Technology for Automated Teller Machine	Science and Information Technologies						
5	Dr BV Subba Rao, Dr.S.Sai Kumar	Prasad V. Potluri Siddhartha Institute of Technology	An Enhanced Sentiment Detection replica by means of Deep Neural Networks	Mukt Shabd Journal	2347-3150	10	12	111-117	December 2021	OTHERS
6	Dr. S.Sai Kumar, Dr.Parish Venkata Kumar, Dr.G.Lakshmi	Prasad V. Potluri Siddhartha Institute of Technology	Sentence Emotion Stimulation Using Python	Mukt Shabd Journal	2347-3150	10	12	145-157	December 2021	OTHERS
7	Dr.J.Rajendra Prasad, Dr.S.Sai Kumar	Prasad V. Potluri Siddhartha Institute of Technology	Design And Development Of A Smart Garbage Observation System Using Iot	Mukt Shabd Journal	2347-3150	10	12	118-121	December 2021	OTHERS
8	Dr Y.Padma	Prasad V. Potluri Siddhartha Institute of Technology	Rice Leaf Disease Detection Using Machine Learning Techniques	Mukt Shabd Journal	2347-3151	10	12	118-122	Dec 2021	OTHERS
9	Dr G.Reshma	Prasad V. Potluri Siddhartha Institute of Technology	Deep learning-Based Skin Lesion Diagnosis Model Using Dermoscopic Images	Intelligent Automation & soft Computing	1079-8587	31	1	621-634	September 2021	SCIE

10	B. Srikanth , Swarajya Lakshmi V. Papineni , Gutta Sridevi , D. N. V. S. L. S. Indira , K. S. R. Radhika and Khasim Syed	SRK Institute of Technology, PVPSIT, GEC, GEC, SRKR EC, Eswar College of Engineering,Nar asaraopeta	Adaptive XGBOOST Hyper Tuned Meta Classifier for Prediction of Churn Customers	Intelligent Automation & Soft Computing DOI:10.32604/i asc.2022.02242 3	2326- 005X	33	1	21-34	2022.	SCIE
11	P.Ravi Prakash,Vijaya kumar Reddy Radha,Anantha L.Lakshmipath i,Ravi kumar Tirandasu	PVPSIT,LBRCE ,KLEF,MREC	The general design of the automation for multiple fields using reinforcement learning algorithm	Indonesian Journal of Electrical Engineering and Computer Science	ISSN:2 502- 4752	25	1	481-487	January 2022	SCOPUS https://www.scopus.com/authid/detail.uri?authorId=57391946700
12	S Sai Kumar, Anumala Reethika Reddy, B. Siva Rama Krishna, J Nageswra Rao, Ajmeera Kiran	PVPSIT	Privacy Preserving with modified Grey Wolf Optimization Over Big Data using Optimal K Anonymization Approach	Journal of Interconnection Networks	0219- 2659	22	1	0219-2659	Februar y 2022	SCOPUS
13	Dr. A.Haritha, Lasya Sarada, Harsha Bharathi, Prabhakar, Preethi(student s)	PVPSIT	Speech Emotion Recognition System using MLP Classifier	International Journal of Scientific Research in Engineering and Management (IJSREM)	2582- 3930	5	8	1-6	August 2021	OTHERS

14	N.V.N. Vaishnavi, Tummala Navya, Velagapudi Srilekha, Vinnakota Karthik, D.Leela Dharani (students)	PVPSIT	Blind Assistance in Object Detection and Generating Voice Alerts	Dogo Rangsang Research Journal	2347-7180	8	14	483-488	August 2021	OTHERS
15	B.Bhargavi, G.V.N Deekshitha, B.Deepthi Prasanna, J.Sathvik, Ch. Praneeth(Students)	Prasad V. Potluri Siddhartha Institute of Technology	Smart Notice Board	International Journal of Scientific Research in Engineering and Management (IJSREM)	2582-3930	5	9	1-3	September 2021	OTHERS
16	b.Geethanjali, k.Yesudas, E.Sneha, Vinnakota G.Sai Bhavya Sri, D. Leela Dharani (students)	Prasad V. Potluri Siddhartha Institute of Technology	Blood Donor Information System	Dogo Rangsang Research Journal	2347-7180	8	14	355 - 359	December 2021	OTHERS
17	Kolli.Lakshmi Gokanakonda Vijayalakshmi Garlapati Hema Anchipaka Rupa Sri	Prasad V. Potluri Siddhartha Institute of Technology	Online Examination System	Dogo Rangsang Research Journal	2347-7181	8	14	373-377	December 2021	OTHERS

	K.Swarupa Rani(Students)									
18	V.Sirisha, Y.Neeraj Sai, S.Sandeep Babu, V.Lohitha, Dr. G.Reshma., (Students)	Prasad V. Potluri Siddhartha Institute of Technology	Online Food Information System	Dogo Rangsang Research Journal	2347- 7180	8	14	365 - 372	Decemb er 2021	OTHERS
19	<u>Dr.Y.Padma</u> , <u>P.Om Sai</u> <u>Gowtham</u> , <u>K.Siva Rama</u> <u>Krishna</u> (Studen ts)	Prasad V. Potluri Siddhartha Institute of Technology	Emotion Elicitation using Machne Learning	Dogo Rangsang Research Journal	2347- 7181	8	14	603-606	Decemb er 2021	OTHERS
20	Ch.Meghana, G.Jeevan, B.Vyshanavi, B.Manikanta, K. Swaroopa Rani(Students)	Prasad V. Potluri Siddhartha Institute of Technology	Stock Market Prediction VIA Multi Instance Learning	Juni Khyat	2278- 4632	11	1	639-643	Decemb er 2021	OTHERS
21	K.Bharadwaj,D .Rasmitha, (Students) Dr.S.Sai Kumar	Prasad V. Potluri Siddhartha Institute of Technology	Visual Representation of Literacy Stats of South India through Tablua	International Journal of Advanced Research in Science, Communication and Technology	2561- 9429	2	2	720-724	March 2022	OTHERS
22	K. Pavan Kumar , B. V. Subba Rao, Y. Suresh	PVPSIT,	Image Noisy Elimination Using Advanced Linear Function	International Journal of Advanced Research in Science,	2581- 9429	Vol ume 2,	1	534-544	March 2022	OTHERS

				Communication and Technology (IJARSCT)						
23	B V Subba Rao, Raja Kondaveti,RV VSV Prasad, V Shanmukha Rao, KBS Sastry, BH. Dasaradharam	PVPSIT, SCET,ALCE, ALCE NRIIT	Classification of Brain tumors using artificial neural networks	ACTA IMEKO	2221-870X	11	1	1-7	March 2022	SCOPUS
24	Ali AlArjani, TaufiqNassel, Sanaa M.Kamal, BV Subba Rao, Mufti, Sharif	Prince Sattam Bin Abdulaziz University, Saudi Arabia, McGill University, Canada,Sattam Bin Uni, Saudi, PVPSIT Nottingham Trent Uni, UK	Application of Mathematical modeling in prediction of COVID-19 Transmission Dynamics	Arabian Journal for Science and Engineering	https://doi.org/10.1007/s13369-021-06419-4	-	-	-	January 2022	SCI
25	Dr. Y.Suresh, N.Brahmani, J. Likhitha (Students)	Prasad V. Potluri Siddhartha Institute of Technology	Data Visualization of Orphanages in India	International Journal of Modernization in Engineering Technology and Science	2582-5208	4	4	1-4	April 2022	OTHERS
26	Dr.J.Rajendra Prasad, Dr.S.Sai Kumar	Prasad V. Potluri Siddhartha Institute of Technology	An Effective Query Response using Chatbot	International Journal of Advanced Research in Science, Communication and Technology	2581-9429	2	2	499-502	April 2022	OTHERS

				(IJARSCT)						
27	Mrs. D.Leela Dharani, Mrs. K.Swarupa Rani	Prasad V. Potluri Siddhartha Institute of Technology	A Novel Approach for Processing of Complex and Huge Datasets	Stochastic Modeling & Applications	0972-3641	26	3	286-292	June 2022	UGC Care
28	J.Sirisha , G.Krishna Kishore	Prasad V. Potluri Siddhartha Institute of Technology,SRK Institute of Technology	Detection of Traffic Signs Using Deep Learning Techniques	Stochastic Modeling & Applications	0972-3641	26	3	406-412	June 2022	UGC Care
29	Dr Y. Suresh, Dr. K Pavan Kumar and Dr A Haritha	PVPSIT	Feature Selection And Extraction Using Decomposition Techniques In Biometric Authentication.	Journal of Theoretical and Applied Information Technology	1992-8645	100	11	3686-3695	June 2022	SCOPUS
30.	Dr. A.Haritha and Dr. Y.Suresh,	Prasad V. Potluri Siddhartha Institute of Technology	Measuring Research Interest Similarity Among Authors Using Community Detection	Journal of Theoretical and Applied Information Technology,	1992-8645	100	11	3602-3609	June 2022	SCOPUS
31.	Dr Y.Padma, Dr S Sai Kumar	Prasad V. Potluri Siddhartha Institute of Technology	Assessing the Effectiveness of Hybridization Approach in Recommender Systems	Stochastic Modeling & Applications	0972-3641	26	3	546-557	June 2022	UGC Care
32.	Ms.K.Swarupa Rani Mrs. D.Leela	Prasad V. Potluri Siddhartha Institute of	A Novel Deep Learning Algorithm to	Stochastic Modeling & Applications	0972-3641	26	3	286-292	June 2022	UGC Care

	Dharani, Mrs.	Technology	Process the Complex Datasets							
33.	J.Sirisha, Romala Sai Krishna, Vunnam Sowmya, Vadlamudi Avinash, Tabassum Sulthana(Students)	Prasad V. Potluri Siddhartha Institute of Technology	Stock Price Prediction Using Deep Learning	International Journal of Creative Research Thoughts (IJCRT)	2320-2882	10	6	d808-d812	June 2022	others
34.	P.Ravi Prakash	Prasad V. Potluri Siddhartha Institute of Technology	A novel convolutional neural network with gated recurrent unit for automated speech emotion recognition and classification	Journal of control and decision	2330-7706				June 2022.	SCOPUS
35	M.Harika, S.V.P.S.S.Kavya (Students)Mr.P .Ravi Prakash	Prasad V. Potluri Siddhartha Institute of Technology	A Visual Representation of NGO'S Across India	International Journal of Advanced Research in Science, Communication and Technology(IJAR SCT)	DOI:10 .48175/ IJARS CT-3358	2	2	604-606	April 2022	Others
36.	Mr CH Chandra Mohan	Prasad V. Potluri Siddhartha Institute of Technology	Operating System dependent Situational Investigations to Piece of Program	International Journal for Modern trends in Science and Technology	2455-3778	8	6		June 2022	OTHERS

			Change Competence System							
37	Mr CH Chandra Mohan	Prasad V. Potluri Siddhartha Institute of Technology	Absolute-Time Driver Drowsiness Finding Based On Eye-Situevation Testing	International Journal for Modern trends in Science and Technology	2455-3778	8	5		May 2022	OTHERS
38	Dr. S Parvathi Vallabhaneni, I M V Krishna and Sakhamuri Harsha Vardhan	Prasad V.Potluri Siddhartha Institute of Technology	Probability Study on Privacy-Preserving Methods in Fact Mining	International Journal for Modern trends in Science and Technology	2455-3778	8	6	587-593	June 2022	OTHERS
39	I M V Krishna and Dr. S Parvathi Vallabhaneni	Prasad V. Potluri Siddhartha Institute of Technology	Stochastic Study on CNN approach for classifying images	International Journal for Modern trends in Science and Technology	2455-3778	8	6	594-599	June 2022	OTHERS
40	Ch Chandra mohan, Navya chowdary R, Afrin Bano,Mounika Uppalpati, Bhargavi Vemula,(Students)	"Prasad V. Potluri Siddhartha Institute of Technology"	Real-Time Driver Drowsiness Identification Based On Eye-State Analysis	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2321-9653	10	5		May 2022	Others

International/National Conferences:14

S.No.	Authors	Affiliation	Topic Title	Conference Details	ISSN/ISBN	Page No.'s	Month & Year	Indexing
1	Dr S.SaiKumar,Dr R. VijaykumarReddy,Dr J Rajendra Prasad,Dr G.Lakshmi	PVPSIT	Design and Deployment of voice Assistance Application using Python	International Conference on Computer Science, Engineering and Applications, KU Home, Kasetart University, Bangkok,Thailand	978-93-91535-01-8	17-22	31 July 2021	-
2	J.Sirisha	PVPSIT	Low complex OFDM channel design using underwater-acoustic-communication using Machine learning techniques	Fifth International Conference on Electronics, Communication and Aerospace Technology (ICECA)	978-1-6654-3524-6	1505-1513	Jan-22	IEEE Xplore SCOPUS
3	Mrs. D. Leela Dharani , Dr. G. Reshma , Mrs. K. Swarupa Rani	PVPSIT	Impact of IOT in Agriculture: Automatic Soil Moisture, Temperature and Humidity Monitoring System using Node MCU	International Conference On Multidisciplinary Approaches In Engineering, Management & Science (EMS-2022)	978-93-91535-23-0	59-72	4th March 2022	-

4	Mrs. K. Swarupa Rani, Mrs. D. Leela Dharani , Dr. G. Reshma ,	PVPSIT	NEWS CLASSIFICATION USING MACHINE LEARNING ALGORTHMS	International Conference On Multidisciplinary Approaches In Engineering, Management & Science (EMS-2022)	978-93-91535-23-1	83-89	4th March 2022	
5	J.Sirisha	PVPSIT	GUI Information System Based Flood Detection Using Gaussian Distance Support Vector Machine	3rd International Conference on Advances in Computing, Communication Control and Networking (ICACCCN-21)	978-1-6654-3812-4	1639-1645	December 17-18 2021, Added to IEEE in March - 2022	IEEEXplore-SCOPUS
6	Dr S.SaiKumar	PVPSIT	WLAN Intrusion Detection System Based on SVM	International Conference on Sustainable Computing and Data Communication Systems (ICSCDS 2022)	978-1-6654-7884-7	1218-1225	April 7th to 9th , 2022	IEEEXplore
7	Dr.A.Haritha	PVPSIT	Polarity Identification from Micro Blogs using Multimodal Sentiment Analysis	7thInternational Conference on Information System Design and Intelligent Applications (INDIA-2022) , BVRIT Hyderabad College of Engineering for Women , Hyderabad			25th and 26th February 2022.	Scopus

8	Dr G Lakshmi, M Supraja,R Yagna Priya, V.Bhargavi, P Gowtham Harsha(students)	PVPSIT	Social Distance Monitoring Framework for Covid-19 Using Deep Learning	A Three Day International Conference on "Recent Advancements and Innovations in Computing , Communications and Information Technologies"(ICRAIC2IT), NRI Institute of Technology, Vijayawada			22-24 April 2022	Scopus
9.	V. Rashmi		OXGBoost: An Optimized eXtreme Gradient Boosting Algorithm for the Classification of Breast Cancer	International IEEE Conference on Recent Trends in Information, Communication and Pervasive Technologies(ICRTICPT 2022) organized by Sri Venkatesa Perumal College of Engineering, Puttur, India during			20-06-2022 to 22-06-2022.	IEEEExplore
10	Mr. I.M.V.Krishna		Machine Learning based Face Recognition System	First International Conference on Technologies for Smart Green Connected Society 2021,conference proceedings of Electrochemical Society, ECS Trans. 107 19979, Volume 107, 2022, USA			2021	SCOPUS

11	Dr.D.Kavitha, Dr.B.V.Subba Rao	PVPSIT	Machine Learning enabled IoT based Fire Accident Detection System	International Conference on Recent Advancements and Innovations in Computing, Communications and Information Technologies organized by Dept of CSE,ECE and IT, NRI Institute of Technology, Agiripalli			22-24, April,2022	Scopus index(pending)
12	Lakshmi P.V.S, Haritha Akkineni, Hanika Ande and Padmaja Grandhe	PVPSIT	Adaptive Convolution Neural Networks for Facial emotion recognition	ICAIDS-2022: International Conference on Artificial Intelligence and Data Science Sreyas Institute of Engineering and Technology Hyderabad, Telangana, India,			March 11-12, 2022	Scopus index(pending)
13.	K.Sri Vijaya	PVPSIT	The Performance Analysis and Security Aspects of Manet	ECS Transactions at the International Conference On Technologies for Smart Green Connected Societies 2021 (ICTSGS)	SPAST Foundation and associated partner institutions, led by Yamagata University Japan. https://iopscience.iop.org/article/10.1149/10701.10945ecst		November 29th- 30th ,2021,	-

14.	Dr.J Rajendra Prasad	PVPSIT	Recent Advances of Hyperspectral Image Classification used in Predicting the quality of fruits and vegetables in agriculture	International Conference on Applied Science and Multidisciplinary Research, Sri Durga Malleswari Siddhartha Mahila Kalasala, Vijayawada			11th November 2021	-
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Books Published:1

Faculty Name	Dept.	Title of the Book	Publisher Name	Edition	ISBN No.	Month & Year of Publication
Dr G Reshma	IT	Prologue to Artificial Intelligent Techniques-Predicting the future	South Asian Academic Publishers	First	978-81-953-693-0-0	May 2021

Book Chapters:8

S.No	Authors	Affiliation	Title of the Chapter	Book Title	Page Nos	Month & Year	ISBN	Publishers	Indexing
1	Dr. B.V.Subba Rao	PVPSIT,	Application of Music Genre Classification using machine Learning Algorithms	Applications of Artificial Intelligence	1-16	2021	978-93-5526-896-9	Immortal Publications.	
2	Dr. Y. Suresh	PVPSIT	Analysis on Artificial Intelligence Applications in Cryptography with vulnerabilities Detection	Applications of Artificial Intelligence	91-101	2021	978-93-5526-896-9	Immortal Publications.	

3	Dr.K.Pavan Kumar	PVPSIT	Applications of Artificial Neural Network on Digital Speech Signal Intelligibility Improvement or Noise Reduction	Applications of Artificial Intelligence	17-35	2021	978-93-5526-896-9	Immortal Publications.	
4	Dr A.Haritha , Dr PVS Lakshmi, Praveena N	PVPSIT, VRSEC	Detecting Fallacy of Social Media Data by using Content Based Features in Book titled ”	Advancement of machine learning and its applications for prediction and classification	66-70	February, 2022.	978-93-5607-149-0	Immortal Publications.	
5	Dr PVS Lakshmi,Dr A.Haritha , Srikanth Busa	PVPSIT,SRK Institute of Technology	A comparative study on parallel query processing in Big Data using Hadoop Framework	Advancement of machine learning and its applications for prediction and classification	113-123	February, 2022.	978-93-5607-149-0	Immortal Publications.	
6	J.Sirisha	PVPSIT	Improve Mental Health in the present Digital World Through Machine Learning	Machine Learning Applications in Health Care	95-120	May ,2022	978-93-5566-688-8	Immortal Publications.	
7	Dr Y Padma	PVPSIT	Blockchain Based Malware Detection using Machine Learning Algorithms for IoT Enabled E-Health Applications	Machine Learning Applications in Health Care	129-149	May ,2022	978-93-5566-688-8	Immortal Publications.	
8	Dr.D.Kavitha	PVPSIT	Traffic Management System	Top 5 Technology Trends in World Transforming Data to Knowledge	281-288	May,2022	978-93-5636-162-1	Immortal Publications.	