

PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY (AUTONOMOUS) VIJAYAWADA
DEPARTMENT OF INFORMATION TECHNOLOGY
TOTAL PAPER PUBLICATIONS (2024-25)

17.09.2025

Total Journal Publications: 18
(SCI: 1; SCOPUS:13 OTHERS:3 National Journal:1)
Conferences| INC:6[4-SCOPUS, 2-OTHERS]
BC:3-SCOPUS Books: 2

SCI PUBLICATIONS:1										
Sl. No	Authors	Article Title	Journal Name	Volume	Issue	Page No. s	ISSN No.	Month & Year	Indexing	Journal Link
1.	B. SivaRamaKrishna Ch N Santosh Kumar B V Subba Rao V Ramakrishna V Rajendra Kumar J Nageswara Rao	Evaluating the performance of Vascular Feature Extraction boosting algorithm for peripheral Arterial Disease detection	International Journal of Pattern Recognition and Artificial Intelligence	38	14		0218-0014 1793-6381	November 2024	SCI-Q3	doi: https://doi.org/10.1142/S021800142456010X

SCOPUS PUBLICATIONS:13; OTHERS-3										
Sl. No	Authors	Article Title	Journal Name	Volume	Issue	Page No. s	ISSN No.	Month & Year	Indexing	Journal Link
1.	B.V.Satish Babu Dr. Kare Suresh Babu Doradla Bharadwaja	Effectual Use and Implementation of Micro-Lesson Plan Activities Through Mapping of Bloom's Taxonomy and ICT Technologies	Journal of Engineering Education Transformations	38	1	100-108	2349 - 2473	July 2024	SCOPUS-Q3	10.16920/jeet/2024/v38i1/24178

2.	B. V. Satish Babu Duggineni Veeraiah Porandla Navya Ramu Kuchipudi Lakshmi Ramani Burra Swarupa Rani Bondalapati Nimagadda Chandra Sekhar	Machine Learning Algorithm For Rapid Object Detection Based On Colour Features	ASEAN Engineering Journal (AEJ)	14	3	183- 189	2229-127X	September 2024	SCOPUS-Q4	https://doi.org/10.11113/aej.v14.21633
3.	B.V.Satish Babu Dr. Kare Suresh Babu Durga Prasad Kare	Streamlined multi- scenario revocation method leveraging blockchain and auxiliary trees	Bulletin of Electrical Engineering and Informatics	13	4	2547- 2554	2089-3191	August 2024	SCOPUS-Q3	https://doi.org/10.11591/eei.v13i4.7908
4.	Dr.S.Sai Kumar, Dr.Surya Prasad Rao B, Dr. Yaswanth Kumar Alapati, P.Udaya Bhanu, Dr.K. Ramesh Chandra, Bakkala Santha Kumar	Empirical Soundings to Facial Countenance Recognition using CNN	Journal of Theoretical and Applied Information Technology	102	24	8907- 8912	1992-8645	December 2024	SCOPUS-Q4	http://www.jatit.org/volumes/Vol102No24/7Vol102No24.pdf
5.	Madhavi Katamaneni, Dr C.S.S. Anupama, Chetla Chandra Mohan B. Balaji Bhanu, P Swetha Nagasri Dr.J Mano Ranjini Paruchuri Ramya, M Bala Chennaiah	Methodical Review of Mutation Testing for Software Projects	Journal of Theoretical and Applied Information Technology	102	24	8907- 8912	1992-8645	December 2024	SCOPUS-Q4	https://www.jatit.org/volumes/Vol102No24/23Vol102No24.pdf
6.	G. Reshma, Sudarshan Tumkunta, T Gayathri, T.V. Hyma Lakshmi, N. Neelima, Garigipati	Empirical Investigations to Predict Stock Price Using Regression To Improve The Trends Of Information Technology	Journal of Theoretical and Applied Information Technology	102	24	8907- 8912	1992-8645	December 2024	SCOPUS-Q4	https://www.jatit.org/volumes/Vol102No24/28Vol102No24.pdf

	Rama Krishna, Borra Bhavitha									
7.	Madhubala Myneni, Haritha Akkineni, C Kiran Mai, Sisira B.	Analytical Framework to Understand Electric Vehicle Adoption by Leveraging Sentiment Analysis,”	Journal of Mobile Multimedia	20	5	1067 – 1088	1550-4646	December 2024.	SCOPUS-Q2	https://journals.riverpublishers.com/index.php/JMM/article/view/27381
8.	Mekala A, Shahnaz Fatima, Subba Rao BV, Rajendra Prasad J, Banupriya P.G	Adversarial Attacks on Healthcare Deep Learning Model: Vulnerabilities and Defenses	Informing Science: The International Journal of an Emerging Transdiscipline.	28	1	1-13	1521-4672	January 2025	SCOPUS-Q2	https://doi.org/10.28945/5452
9.	Dr G Lakshmi, Dr. Kolluru Suresh babu, dr. Ratna raju mukiri, Dr L Bhagya Lakshmi, D Venkata Ravi kumar, Dr Suresh betam, Chetla Chandra Mohan	Forward and Reverse Engineering using uml With Rational Rose and object-oriented Programming Language	Journal of Theoretical and Applied Information Technology	103	3	1038-1044	1992-8645	February 2025	SCOPUS-Q4	http://www.jatit.org/volumes/Vol103No3/20Vol103No3.pdf
10.	Dr. Gadala Suhasini, Dr S. Sai Kumar, Monica Kalbande, Dr. P. Punitha, Dr Hari Kishan Chapala, Chinnam Sabitha, Chetla Chandra Mohan	Software project monitoring using milestones and pert-an empirical analysis	Journal of Theoretical and Applied Information Technology	1992-8645	103	6	2257-2269	March 2025	SCOPUS-Q4	https://www.jatit.org/volumes/Vol103No6/11Vol103No6.pdf
11.	Haritha Akkineni, Madhu Bala Myneni, CH.V.K.N.S.N. Moorthy, Sisira Boppana	M-Pilot: An Autonomous Intelligent Advisory System with Social IoT (SIoT) Framework for Enhancing QOL	International Journal of Electrical and Electronics Engineering	12	3	45-54	2348-8379/	March 2025	SCOPUS-Q4	https://doi.org/10.14445/23488379/IJEEE-V12I3P105

12.	Padma Yenuga , Satya Narayana Reddy Beeram,Sitanaboyina S. L. Parvathi,G. Mahesh Reddy,Narasimha Rao	Optimized Self-Attention Pyramidal Convolutional Neural Network for Intrusion Detection Framework in IoT	Journal of Advances in Information Technology	179 8- 234 0	16	5	632-647	May 2025	SCOPUS-Q3/WoS	doi: 10.12720/jait.16.5.632-647
13.	A.B. PRADEEP KUMAR, K. PAVAN KUMAR, M. VENKATESWARA RAO, MUMMIDI P SUBBARAJU, V. SOWMYA DEVI, CH. LAVANYA SUSANNA, CH. RATNA BABU	Integrating Multiagent Systems And Aiot For Efficient Home Energy Management: Challenges And Solutions	Journal of Theoretical and Applied Information Technology	ISSN : 199 2- 864 5	103	7	2894-2902	April 2025	Q4-SCOPUS	https://www.jatit.org/volumes/Vol103No7/22Vol103No7.pdf
14.	Dr Y.Padma, Dr J.Sirisha,Dr Mahaboob Basha,AVS Ratna Kumari,Y.Narasimha Rao	Trans Vision	Journal of Information Systems Engineering and Management	246 8- 437 6	10	21s	116-131	March 2025	Q4(yet to be Indexed)	https://doi.org/10.55267/iadt
15.	V.V. Jaya Rama Krishnaiah, P. G. K. Sirisha, S. Parvathi Vallabhaneni, D. V. V. Chandrashekar, K. Jagan Mohan, G. Rajesh Chandra, Venkata Kishore Kumar Rejeti	AI-Driven WSN for Precise Aquatic Pollution Detection Using an Intelligent Monitoring Approach	WSEAS Transactions on Computer Research	199 1- 875 5	4	NA	114-122	Dec-2024	Q4(yet to be Indexed)	https://wseas.com/journals/proof/2024/a22proof-011(2024).pdf
16.	Dr. S. Sai Kumar, Dr. Kannan Shanmugam, V Jyothi, T.Venkata Deepthi, P.srinivasa Rao, R. Suguna Devi	Quantum-Enhanced Deep Learning Framework (QDLF): A Hybrid Approach for Advanced Skin Cancer Detection and Image Classification	Frontiers in Health Informatics	13	4	694-708	2676-7104	December 2024	OTHERS	DOI: https://doi.org/10.52783/fhi.1161

National Journal:1										
Sl. No	Authors	Article Title	Journal Name	Volume	Issue	Page No. s	ISSN No.	Month & Year	Indexing	Journal Link
1.	D. LEELA DHARANI, JAMPANA LEELA DEEPAK, GUNTAGANI ABHILASH, SAI SUREKHA KARRI, B.SAI SRINIVAS RAJU	Access Control Framework Based a Smart Healthcare System	Industrial Engineering Journal	0970-2555	54	1	113-118	January:2025	NATIONAL	http://www.journal-iiie-india.com/1_jan_25/15_online_jan.pdf

INTERNATIONAL CONFERENCES:6											
S.No	Authors	Title of the Paper	Conference Name	Volume	Issue	Page No.s	Date	Organizers	DOI	ISSN	Indexed(SCI/copus/SCI/others)
1.	K.Arun Kumar, S.Sai Kumar, V.Sridhar Reddy,Md.Inayathulla, N.Venkatesh,G.Chales Babu	Enhancing the Security and Integrity of Intrusion Detection systems based on CNN and LSTM Approach for Cloud Computing	5th International Conference on Smart Electronics and Communication (ICOSEC 2024)			1939-1944	18-20, September 2024	Kongunadu College of Engineering and Technology, Trichy, Tamil Nadu, India	10.1109/ICOSEC61587.2024.10722617	979-8-3315-0439-7	SCOPUS

2.	V Srilakshmi,V Lakshmi Chetana,Raghunad ha Reddi Dornala,Sivaparvat hi Vallabhaneni,Ganji Ramanjaiah	An Intelligent Security Systems in Cloud Computing using Cryptography Techniques	5th International Conference on Electronics and Sustainable Communication Systems, ICESC 2024			168- 173	7- 9, August 2024	Hindustan Institute of Technology, Coimbatore.	10.1109/IC ESC60852. 2024.10690 012	978-8-3503-7994-5	SCOPUS
3.	Haritha, D., Kavitha, D., Sumanth, M.V.	Hybrid-Multi- channel Deep Neural Network for Fake News Detection	2nd International NICEDT 2024	1022		51-68	16-17th February 2024. Published: 31 July 2024	National Institute of Electronics and Information Technology (	https://link.springer.com/chapter/10.1007/978-981-97-3601-0_5		SCOPUS
4.	Sirisha J; B. Sarath Chandra; B Madhavi; Boggula Lakshmi Thirupathamma; Tejaswi Vallabhapurapu; Naveen Kumar Penjarla	Advanced Deep Learning Techniques for Accurate Detection of Pathological Infant Cry Signals	4th International Conference on Soft Computing for Security Applications (ICSCSA)	979- 8- 3315- 1572- 0		256- 264	24-25 September 2024		10.1109/ICS CSA64454.2 024.00047 https://ieeexplore.ieee.org/document/10918039		SCOPUS
5.	V.Pranathi Dr Y.Padma, Dr Sk.Nagul, D.Suseela	Enhanced Image Encryption using ECC and Chicken Swarm Optimization for Secure Data Transmission	International Conference on Artificial Intelligence and Machine Learning for Sustainable Development(IC AMSD 2025)	AIP proceedings				21st & 22nd February 2025	Salem, Tamil Nadu, India.	Online	Yet to be indexed
6	Dr.A.Haritha	Design and Implementation	Micro2025-12th International					10th to 11th May 2025.	Kolkata, West	Online	Yet to be indexed

		of an Intelligent Automobile Congestion Monitoring System with the fusion of IoT technology	Conference on Microelectronic s Circuits and Systems Organized by Applied Computer Technology,						Bengal, India		
--	--	---	--	--	--	--	--	--	---------------	--	--

Book Chapters 2024-25 Total :3 (SCOPUS:3)									
SL.N o	Authors	Article Title	Title of the Book	Publi sher	ISSN No./ ISBN No.	Pag e No.s	Published Date/Year	Indexing (SCOPUS/SCI/ Others)	DOI
1	S. Kanakaprabha, G. Ganesh Kumar, Y. Padma, Gangavarapu	Advancements in Machine Learning Techniques for Biological Data Analysis	Intelligent Data Analytics for Bioinformatics and Biomedical Systems	Wiley	9781394270910	1-26	October2024	SCOPUS	DOI:10.1002/9781394270910
2	Prathyusha Kuncha, J. Manoranjini, J. Sirisha, Suneetha Bandeela, Naveen Kumar Penjarla, Simhadri Subhash Goud	A Smart System for Optimizing Oxygen Levels, Shrimp Health Monitoring	Advanced Aquaculture Management	Wiley	9781390000000		January2025	SCOPUS	https://doi.org/10.1002/9781394200467.ch15
3	D. Kavitha , Ravindra Changala , S. V. Suresh Babu	Deep Learning Saves Lives of Diabetes Mellitus		CRC Press	9781032708430	-91	30 January 2025	SCOPUS	

	Matla, S. Kanakaprabha, Lella Kranthi Kumar, G. Ganesh Kumar	Patients and Cuts Treatment Costs	Book Deep Learning in Diabetes Mellitus Detection and Diagnosis						
--	---	--	--	--	--	--	--	--	--

		Books Published 2024-25			
<u>S.No</u>	Authors	Title of the book	Book Publisher details	ISBN	Published date/year
1	Rashmi V	Basics Of Operating Systems 500+: 500+ Interview Questions And Answers	Independently published	9798333048752	13-July-2024
2	Rashmi V	Mastering Generative Ai Interviews: Key Questions And Insights For Success	Independently published	979-8313759012	17-August-2024