



# **SRI VENKATESWARA COLLEGE OF ENGINEERING**

## **(Autonomous)**

Karakambadi Road, Opposite LIC Training Centre, Tirupati – 517 507.  
Accredited by NBA (B.Tech – CSE, ECE,EEE,Mech.,Civil and IT) & NAAC with ‘A’ Grade  
Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuram.

### **SUMMARY OF RESEARCH PUBLICATIONS**

<b>Academic Year</b>	<b>SCI</b>	<b>Elsevier</b>	<b>Scopus</b>	<b>Web of Science</b>	<b>UGC Care list</b>	<b>Total</b>
<b>2021-2022</b>	<b>4</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>9</b>
<b>2020-2021</b>	<b>3</b>	<b>1</b>	<b>7</b>	<b>7</b>	<b>2</b>	<b>20</b>
<b>2019-2020</b>	<b>1</b>	<b>1</b>	<b>27</b>	<b>4</b>	<b>5</b>	<b>38</b>

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**HOD**



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## Department of Computer Science and Engineering

### FACULTY RESEARCH PUBLICATIONS INTERNATIONAL JOURNALS (2021-2022)

S.No.	Faculty Name	Title Of Paper	Name of the Journal	ISSN /DOI	SCI-E/Scopus/UGC/SCI
1	Dr.N.Sudhakar Reddy	SessionRNNRec: a deep learning based framework for modelling user sessions to generate accurate recommendations	<i>Int J Syst Assur Eng Manag</i>	<a href="https://doi.org/10.1007/s13198-021-01197-6">https://doi.org/10.1007/s13198-021-01197-6</a>	SCI
2		A multi-preference integrated algorithm (MPIA) for the deep learning-based recommender framework (DLRF)	<i>International Journal of Intelligent Computing and Cybernetics</i>	10.1108/IJIC-11-2021-0257	Scopus
3		Integration and Mining of Medical Records for Healthcare Services AWS Cloud	<i>Design Engineering</i>	0011-9342	Scopus
4	Dr.P.Dileep Kumar Reddy	Integration and Mining of Medical Records for Healthcare Services AWS Cloud	<i>Design Engineering</i>	0011-9342	Scopus
5	Dr.R.Swathi	Integrating Nanomaterial and High-Performance Fuzzy-Based Machine Learning Approach for Green Energy Conversion	<i>Journal of Nanomaterials</i>	<a href="https://doi.org/10.1155/2022/5793978">https://doi.org/10.1155/2022/5793978</a>	SCI
6	M.Vikram	SessionRNNRec: a deep learning based framework for modelling user sessions to generate accurate recommendations	<i>Int J Syst Assur Eng Manag</i>	<a href="https://doi.org/10.1007/s13198-021-01197-6">https://doi.org/10.1007/s13198-021-01197-6</a>	SCI
7		A multi-preference integrated algorithm (MPIA) for the deep learning-based recommender framework (DLRF)	<i>International Journal of Intelligent Computing and Cybernetics</i>	DOI 10.1108/IJIC-11-2021-0257	Scopus
8	A.Revathi	A Novel Machine Learning Algorithm to Identify Long Non-Coding RNA (lncRNA) Sequence of Covid-19.	Webology	1735-188X	Scopus



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9	G. Rajeswar appa	Red Deer and Simulation Annealing Optimization Algorithm-Based Energy Efficient Clustering Protocol for Improved Lifetime Expectancy in Wireless Sensor Networks	<i>Wireless Personal Communications</i>	<a href="https://doi.org/10.1007/s11277-021-08808-2">https://doi.org/10.1007/s11277-021-08808-2</a>	SCI
10		IOR-WSN: Intelligent and Optimized routing protocol to enhance the network lifetime of wireless sensor networks	<i>Design Engineering</i>	0011-9342	Scopus
11	A.Ganesh	Performance and Analysis of Advanced and Enhanced Security Protocol for Vehicular Ad Hoc Networks (VANETs)	<i>Wireless Personal Communications</i>	<a href="https://doi.org/10.1007/s11277-021-08868-8">https://doi.org/10.1007/s11277-021-08868-8</a>	SCI
12	K.Santhi	An Enhanced Myers Briggs Indicator Model Based Friend Recommendation System	<i>Journal of Xidian University</i>	<a href="http://xadzkjdx.cn/">http://xadzkjdx.cn/</a> <a href="https://doi.org/10.37896/jxu15.12/014">https://doi.org/10.37896/jxu15.12/014</a>	Scopus

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## Department of Computer Science & Engineering

### **FACULTY RESEARCH PUBLICATIONS** **INTERNATIONAL JOURNALS** **(2020-2021)**

S.No.	Faculty Name	Title Of The Paper	Name of the Journal	Volume / Issue/ Page No	ISBN /ISSN	DOI/LINK	Indexing
1	Dr.PESN.Krishna Prasad	Multimodal Authentication using Tensor Algebra	International Journal of Emerging Technologies in Engineering Research	8,9,509 1-5094	2347 - 3983	<a href="http://www.warse.org/IJETER/static/pdf/file/ijeter33892020.pdf">http://www.warse.org/IJETER/static/pdf/file/ijeter33892020.pdf</a>	Scopus
2		Identification of Sickle cell anemia using deep neural networks	Emerging Science	5,2,200- 210		<a href="https://ijournal.org/index.php/ESJ/article/view/445">https://ijournal.org/index.php/ESJ/article/view/445</a>	Scopus
3	Dr.K.Sekar	Squid Species matching using fuzzy edge based algorithm	International Journal of Recent Technology and Engineering	8,6,388 7-3889	2277- 3878	<a href="https://www.ijrte.org/wp-content/uploads/papers/v8i6/E6759018520.pdf">https://www.ijrte.org/wp-content/uploads/papers/v8i6/E6759018520.pdf</a>	Scopus
4		Predictive Analysis Model of diabetic patient EHRs using advanced machine learning Techniques	International journal of future generation communication and networking	13,1,12 06-1215	3,9	<a href="https://serisc.org/journals/index.php/IJFGCN/article/view/8632/4801">https://serisc.org/journals/index.php/IJFGCN/article/view/8632/4801</a>	Web of Science
5	Dr.P.Dileep Kumar Reddy	Performance of Different Hadoop Clusters with Map Reducing Techniques	Journal of Advanced Science and Technology	29,7,90- 898	2005- 4238	<a href="http://serisc.org/journals/index.php/IJAST/article/view/10065">http://serisc.org/journals/index.php/IJAST/article/view/10065</a>	Scopus
6		Improving the accuracy of heart attack risk prediction based on 4 information gain feature selection technique	<i>Materials Today</i>	1-6		<a href="https://doi.org/10.1016/j.matpr.2020.12.079">https://doi.org/10.1016/j.matpr.2020.12.079</a>	Elsevier



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7		Unsupervised image data Classification by Using Deep Neural Networks	<i>Journal of Emerging Technologies and Innovative Research</i>	7,12,12 13-1218	2349-5162	<a href="http://www.jetir.org/view?paper=JETIR2012153">http://www.jetir.org/view?paper=JETIR2012153</a>	UGC care list
8		DLM technique for QoS improvement in MANETS	<i>Wireless Networks</i>			<a href="https://doi.org/10.1007/s11276-021-02622-1(0123456789).-volV(0123">https://doi.org/10.1007/s11276-021-02622-1(0123456789).-volV(0123</a>	SCI
9	Dr.R.Swathi	Diagnosis of Tumors using Co-occurrence Matrix and ANN Model	<i>International Journal of Grid and Distributed Computing</i>	13,2,12 39-1248	2005 – 4262	<a href="http://serisc.org/journals/index.php/IJGDC/article/view/34130">http://serisc.org/journals/index.php/IJGDC/article/view/34130</a>	Web of Science
10	M.Vikram	Unsupervised image data Classification by Using Deep Neural Networks	<i>Journal of Emerging Technologies and Innovative Research</i>	7,12,12 13-1218	2349-5162	<a href="http://www.jetir.org/view?paper=JETIR2012153">http://www.jetir.org/view?paper=JETIR2012153</a>	UGC care list
11	K. Santhi	An Empirical Analysis on Data Preprocessing Over Two-Class versus Multi-Class Imbalance Learning	<i>International Journal of Future Generation Communication and Networking</i>	13,3,25 39-2546	2233-7857	<a href="https://serisc.org/journals/index.php/IJFGCN/article/view/29686">https://serisc.org/journals/index.php/IJFGCN/article/view/29686</a>	Web of Science
12		An Automated framework for coronary analysis from coronary cine angiograms using machine learning and image analysis techniques	<i>Information Technology in Industry</i>		2204-0595		Scopus
13	S. Srinivasulu	Fuzzy Complex Proportional Assessment of alternatives based Node Cooperation Enforcing Trust Estimation Scheme for enhancing Quality of Service during reliable	<i>Int J Commun Syst.</i> 2021;e4767			DOI: 10.1002/dac.4767	SCI



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		data dissemination in Mobile Ad hoc Networks					
14		Gaussian Trust Factor-based Grey Decision Making Technique (GTF-GDMT) for Node Cooperation Enforcement in MANETs	<i>International Journal of Intelligent Engineering and Systems</i>			DOI: 10.22266/ijies2021.1031.15	Scopus
15	A.Ganesh	Enhancing the security of routing in vehicular ad hoc networks	<i>Int J Commun Syst</i>			DOI: 10.1002/dac.4597	SCI
16	V.Gowri	Enhanced Approach for Disease Prediction in Sugarcane Crop with the support of advanced machine learning strategies	<i>Annals of the Romanian Society for Cell Biology</i>	25,4,16 805-16814	1583-6258	<a href="https://www.annalsofrscb.ro/index.php/journal/article/view/7091">https://www.annalsofrscb.ro/index.php/journal/article/view/7091</a>	Scopus
17	K.SreeDivya	Asset Mapping Using K-NN To Evaluate the Distance Measure Between Assets	<i>International Journal of Future Generation Communication and Networking</i>	13,4,25 87-2597	2233-7857	<a href="http://www.sersc.org/journals/index.php/IJFGCN/article/view/34022">http://www.sersc.org/journals/index.php/IJFGCN/article/view/34022</a>	Web of Science
18	B.Ramakantha Reddy	Comparative Analysis of Sentiment Analysis on social media	<i>Information Technology in Industry</i>	9,1,885-889	2203-1731	<a href="https://it-in-industry.org/index.php/iti/article/view/213">https://it-in-industry.org/index.php/iti/article/view/213</a>	Web of Science
19		Enhancement of Medical IoT using Hybrid Neuro Fuzzy Techniques	<i>International Journal of Future Generation Communication and Networking</i>	13,3, 3825-3833	2233-7857	<a href="https://sersc.org/journals/index.php/IJFGCN/article/view/30802">https://sersc.org/journals/index.php/IJFGCN/article/view/30802</a>	Web of Science
20	K.Manoj Kumar	Empirical Analysis of Artificial limb for Trans Radial Amputation People with the support of	<i>Information Technology in Industry</i>	9/1/99 7-1006	2203-1731	<a href="https://www.academia.edu/50717426">https://www.academia.edu/50717426</a>	Web of Science



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		advanced machine learning strategies					
21	K.Naveen	Diagnosis of Tumors using Co-occurrence Matrix and ANN Model	<i>International Journal of Grid and Distributed Computing</i>	13,2,12 39-1248	2005 – 4262	<a href="http://serisc.org/journals/index.php/IJGDC/article/view/34130">http://serisc.org/journals/index.php/IJGDC/article/view/34130</a>	Web of Science
22	P.Liyaz	Learning Precise Timing of Multiple Spikes in Multilayer Spiking Neural Networks Using Supervised Learning Algorithm	<i>International Journal of Future Generation Communication and Networking</i>	13,4,24 71-2478	2233- 7857	<a href="http://www.serisc.org/journals/index.php/IJFGCN/article/view/33974">http://www.serisc.org/journals/index.php/IJFGCN/article/view/33974</a>	Web of Science
23	A.Kumar	Learning Precise Timing of Multiple Spikes in Multilayer Spiking Neural Networks Using Supervised Learning Algorithm	<i>International Journal of Future Generation Communication and Networking</i>	13,4,24 71-2478	2233- 7857	<a href="http://www.serisc.org/journals/index.php/IJFGCN/article/view/33974">http://www.serisc.org/journals/index.php/IJFGCN/article/view/33974</a>	Web of Science
24	B.Surendra Reddy	Learning Precise Timing of Multiple Spikes in Multilayer Spiking Neural Networks Using Supervised Learning Algorithm	<i>International Journal of Future Generation Communication and Networking</i>	13,4,24 71-2478	2233- 7857	<a href="http://www.serisc.org/journals/index.php/IJFGCN/article/view/33974">http://www.serisc.org/journals/index.php/IJFGCN/article/view/33974</a>	Web of Science

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## FACULTY RESEARCH PUBLICATIONS INTERNATIONAL JOURNALS

Author	Title Of The Paper	Journal Name	Volume/ Issue/ Page No	ISBN /ISSN	Year	DOI/LINK	Indexing
<b>2019-2020</b>							
Dr.N.Sudhakar Reddy	Securing Cloud Data by Using Multi Keyword Search System	International Journal of Computer Sciences and Engineering	7,8,94-98	2347-2693	2019	<a href="https://www.ijcseonline.org/pub_paper/19-IJCSE-07662.pdf">https://www.ijcseonline.org/pub_paper/19-IJCSE-07662.pdf</a>	UGC Care List
	Data Entities & its Privacy with Big Data Techniques in e-health system	<i>International Journal of Engineering and Advanced Technology</i>	9,1,232-235	2249-8958	2019	<a href="https://www.ijeat.org/wp-content/uploads/papers/v9i1/A1129109119.pdf">https://www.ijeat.org/wp-content/uploads/papers/v9i1/A1129109119.pdf</a>	Scopus
	Cryptographic techniques based on quantum computing for securing cloud	<i>Journal of advanced research in Dynamic &amp; Control Systems</i>	12,5,1-8	1943-023X	2020	DOI: 10.5373/JARDCS/V12I5/20201682	Scopus
PESN.Krishna Prasad	Image Analysis using Non Negative Matrix Factorization	International Journal of Recent Technology and Engineering	8,5,4156-4156	2277-3878	2020	DOI:10.35940/ijrte.E6901.018520	UGC Care List
	Sickle Cell Disease - A Comprehensive Study and Usage of Technology for Diagnosis	International <i>Blood Research &amp; Reviews</i>	11,2	2321-7219	2020	<a href="http://bit.ly/index-copernicus-IBRR">http://bit.ly/index-copernicus-IBRR</a>	Scopus
Dr.K.Sekar	Dynamic strategy for Organizing & distributing Load Balancing in MANET	Journal of Emerging Technologies and Innovative Research	7,1,1024-1030	2349-5162	2020	<a href="http://www.jetir.org/view?paper=JETIR1908A93">http://www.jetir.org/view?paper=JETIR1908A93</a>	UGC Care List
Dr.P.Dileep Kumar Reddy	A dataset for automatic contrast enhancement of microscopic malaria infected blood RGB images	Data in brief, Elsevier	27,1-6	104643	2019	<a href="https://www.sciencedirect.com/science/article/pii/S2352340919309989">https://www.sciencedirect.com/science/article/pii/S2352340919309989</a>	ELSEVIER
	Service Composition in Mobile Ad-Hoc Networks using rough sets	International journal of scientific research and review	07,09,287-294	2278-543X	2019	<a href="http://www.ijrsr.co.in/images/full_pdf/1569661376_P823.pdf">http://www.ijrsr.co.in/images/full_pdf/1569661376_P823.pdf</a>	UGC Care List
	A Secured Framework to Protect Association Rules in the Big Data Environment Using Fuzzy Logic	Ingénierie des Systèmes d'Information	24,5,531-537		2019	<a href="https://doi.org/10.18280/isi.240511">https://doi.org/10.18280/isi.240511</a>	Scopus



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	Dynamic strategy for Organizing & distributing Load Balancing in MANET	Journal of Emerging Technologies and Innovative Research	7,1,1024-1030	2349-5162	2020	<a href="http://www.jetir.org/view?paper=JETIR1908A93">http://www.jetir.org/view?paper=JETIR1908A93</a>	UGC Care List
Dr.R.Swathi	A Hybrid Genetic Algorithm Based Rainfall Prediction Model Using Deep Neural Network	International Journal of Innovative Technology and Exploring Engineering	8,12,5370-5373	2278-3075	2019	<a href="https://www.ijitee.org/wp-content/uploads/papers/v8i12/L37771081219.pdf">https://www.ijitee.org/wp-content/uploads/papers/v8i12/L37771081219.pdf</a>	Scopus
	Multi Temporal image analysis for LULC classification and change detection	European journal of Remote Sensing	1-11		2020	<a href="https://doi.org/10.1080/22797254.2020.1771215">https://doi.org/10.1080/22797254.2020.1771215</a>	SCI
	Dehazing of the Image Using Enhanced Deep Learning Framework	<i>International Journal of Future Generation Communication and Networking</i>	13,3,341 - 350	2233-7857	2020	<a href="https://serisc.org/journals/index.php/IJFGCN/article/view/18994">https://serisc.org/journals/index.php/IJFGCN/article/view/18994</a>	Web Of Science
M.Vikram	Securing Cloud Data by Using Multi Keyword Search System	International Journal of Computer Sciences and Engineering	7,8,94-98	2347-2693	2019	<a href="https://www.ijcseonline.org/pub_paper/19-IJCSE-07662.pdf">https://www.ijcseonline.org/pub_paper/19-IJCSE-07662.pdf</a>	UGC Care List
S. Srinivasulu	A Hybrid Genetic Algorithm Based Rainfall Prediction Model Using Deep Neural Network	International Journal of Innovative Technology and Exploring Engineering	8,12,5370-5373	2278-3075	2019	<a href="https://www.ijitee.org/wp-content/uploads/papers/v8i12/L37771081219.pdf">https://www.ijitee.org/wp-content/uploads/papers/v8i12/L37771081219.pdf</a>	Scopus
	Enhanced QoS Multicast Routing Protocol in MANETs using Trust and Load Balance	<i>International Journal of Recent Technology and Engineering</i>	8,5,2238-2244	277- 3878	2020	DOI:10.35940/ijrte.E4971.018520	Scopus
K. Santhi	An Enhanced Faster-RCNN Based Deep Learning Model for Crop Diseases Detection and Classification	International Journal of Engineering and Advanced Technology	8,6,4714-4719	2249 – 8958	2019	<a href="https://www.ijeat.org/wp-content/uploads/papers/v8i6/F9212088619.pdf">https://www.ijeat.org/wp-content/uploads/papers/v8i6/F9212088619.pdf</a>	Scopus
	A Systematic Methodology on Class Imbalanced Problems involved in the Classification of Real-World Datasets	International Journal of Recent Technology and Engineering	8,3,7071-7081		2019	DOI:10.35940/ijrte.C5756.098319	Scopus



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	Symmetric Searchable encryption scheme for two round communication	The International journal of analytical and experimental modal analysis	11,10,2527-2538	0886-9367	2019	<a href="https://app.box.com/s/xxv3ktqzefyd9a4bdc7xy9v6bjc7nrrh">https://app.box.com/s/xxv3ktqzefyd9a4bdc7xy9v6bjc7nrrh</a>	Scopus
	An Integrated Ensemble Learning Model for Multi Class Imbalanced Datasets Classification	International Journal of Advanced Science and Technology	29,8,573-587	2005 -4238	2020	<a href="http://serisc.org/journals/index.php/IJAST/article/view/10560/5675">http://serisc.org/journals/index.php/IJAST/article/view/10560/5675</a>	Scopus
A.Revathi	An Enhanced Anonymity Control Scheme based on Quantum Cryptography in Cloud Environment	<i>International Journal of Computer Sciences and Engineering</i>	8,1,53-56	2347-2693	2020	DOI: <a href="https://doi.org/10.26438/ijcse/v8i1.5356">https://doi.org/10.26438/ijcse/v8i1.5356</a>	Scopus
B.Bala Konda Reddy	IoT based Healthcare System with Enhanced Data Reduction Strategies	<i>International Journal of Future Generation Communication and Networking</i>	13,2,595-607	2233 - 7857	2020	<a href="http://www.sersc.org/journals/index.php/IJFGCN/article/view/13898/7144">http://www.sersc.org/journals/index.php/IJFGCN/article/view/13898/7144</a>	Web Of Science
	Symmetric Searchable encryption scheme for two round communication	The International journal of analytical and experimental modal analysis	11,10,2527-2538	0886-9367	2019	<a href="https://app.box.com/s/xxv3ktqzefyd9a4bdc7xy9v6bjc7nrrh">https://app.box.com/s/xxv3ktqzefyd9a4bdc7xy9v6bjc7nrrh</a>	Scopus
N.Phani Kumar	Analyzing Time Complexity in Image Fusion through Deep Learning Mechanisms	<i>International Journal of Advanced Science and Technology</i>	29,7, 5076 - 5082	2005-4238	2020	<a href="http://serisc.org/journals/index.php/IJAST/article/view/25792">http://serisc.org/journals/index.php/IJAST/article/view/25792</a>	Scopus
	An Enhanced Anonymity Control Scheme based on Quantum Cryptography in Cloud Environment	<i>International Journal of Computer Sciences and Engineering</i>	8,1,53-56	2347-2693	2020	DOI: <a href="https://doi.org/10.26438/ijcse/v8i1.5356">https://doi.org/10.26438/ijcse/v8i1.5356</a>	Scopus
R.Venkata Ramana	Facial Recognition Enhancement Using Deep Learning Techniques	<i>International Journal of Advanced Science and Technology</i>	25,9,626-702	2005-4238	2020	<a href="http://serisc.org/journals/index.php/IJAST/article/view/7710">http://serisc.org/journals/index.php/IJAST/article/view/7710</a>	Scopus



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	Data Analytics Environment in Smart Industries using ML Strategies	<i>International Journal of Recent Technology and Engineering</i>	8,6,4551-4558	2277-3878	2020	DOI:10.35940/ijrte.F8852.038620	Scopus
M.Prabhakar	Facial Recognition Enhancement Using Deep Learning Techniques	<i>International Journal of Advanced Science and Technology</i>	25,9,626-702	2005-4238	2020	<a href="http://sersc.org/journals/index.php/IJAST/article/view/7710">http://sersc.org/journals/index.php/IJAST/article/view/7710</a>	Scopus
	Data Analytics Environment in Smart Industries using ML Strategies	<i>International Journal of Recent Technology and Engineering</i>	8,6,4551-4558	2277-3878	2020	DOI:10.35940/ijrte.F8852.038620	Scopus
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