



GEETHANJALI INSTITUTE OF SCIENCE & TECHNOLOGY:: NELLORE  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

R & D and Consultancy Activities

Books and Book Chapters

AY: 2020-21

S. No	Name of the Faculty Author	No of Authors	Main Author/ other	Title of the Book/ Chapter	Name of the Publisher	ISBN Number	URL
1	Dr. V. Sireesha	2	Main	An efficient Investigation of Data in database using optimization clustering algorithms- Book chapter	Advances in computer science (Volume-10)Akinik Publications	978-93-90541-68-3	<a href="https://doi.org/10.22271/ed.book.1085">https://doi.org/10.22271/ed.book.1085</a>
2	Dr. V. Sireesha	2	Main	Botnet Detection Using Machine Learning-Book Chapter	Emerging Trends in Applied Research (Volume-1)Integrated Publications	978-93-90471-62-1	<a href="https://doi.org/10.22271/int.book.49">https://doi.org/10.22271/int.book.49</a>
3	Dr. Vedururu Sireesha	1	Main	A Comparative Study Of Supervised Machine Learning Alogrithms For Credit Card Fraud Detection	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
4	Dr. Vedururu Sireesha	1	Main	Searching By Syntactic Schemes On Protected Data Using Effective Matching Technique	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>

5	Dr. Vedururu Sireesha	1	Main	Realtime Face Mask Detection And Alert System Using Artificial Intelligence	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
6	Dr. Mathan Kumar M	1	Main	Secure And Efficient Dynamic Verifiable Database Scheme In Cloud Based HER System	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
7	Dr. Mathan Kumar M	1	Main	Ciphertext-Policy Attribute-Based Data Sharing And Keyword Searching Scheme For Encrypted Cloud Data	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
8	Dr. Y. Pavan Kumar Reddy	1	Main	Iot Based Weather Monitoring System	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
9	Dr. Y. Pavan Kumar Reddy	1	Main	Group Data Sharing In Cloud Environment Using Enhanced Threshold Multi-Keyword Searchscheme	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
10	Dr. Nagendra Kumar P	1	Main	Iot Based Health Monitoring System	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>

11	Dr. Nagendra Kumar P	1	Main	Development Of Medical Treatment System Using Non-Deterministic Finite Automata	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
12	Ms. Veguru Gayatri	1	Main	Covid-19 Future Forecasting Using Time Series Machine Learning Models	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
13	Ms. Veguru Gayatri	1	Main	Earthquake Prediction Using Random Forest Algorithm And Boosting Method	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
14	Ms. N Sivanagamani	1	Main	An Efficient Certificateless 0-Rtt Anonymous Aka Protocol Against Bad Radommness	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
15	Ms. N Sivanagamani	1	Main	A Secure And Efficient Cloud Data Transfer And Deletion Using Counting Bllom Filter	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
16	Mr. Shaik Asiff	1	Main	Performance Comparison Of Different Classification Algorithms Foe Crime Prediction	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>

17	Mr. Shaik Asiff	1	Main	Efficient Data Migration Model And Key Agreement Scheme For Peer-To-Peetr Cloud	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
18	Ms. Vudduru Bharathi	1	Main	Finding Bipolar Disorders Using Machine Learning Algorithms	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
19	Ms. Vudduru Bharathi	1	Main	Rivacy Preserving And Verifiable Data Sharing Schema Using Cp-Abe And Block Chain Technology In Vehicular Social Networks	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
20	Ms. Kanchi Sukeerthi	1	Main	Implementing An Efficient Data Privacy Scheme Using Deep Packet Inspection In Cloud	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
21	Mr. K. Chiranjeevi	1	Main	Analysis Data For Optimized Prediction In Health Care Using Machine Learning Algorithm	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>

22	Mr. K. Chiranjeevi	1	Main	Predicting Stock Market Trends Using Machine Learning Algorithms	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
23	Mr. Yanamala Venkataramesh	1	Main	College Campus Grievance Management System	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
24	Mr. Yanamala Venkataramesh	1	Main	Secure Access Mechanism For Cloud Services Using Bio-Metric Based Authentication	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
25	Mr. R.Sivaiah	1	Main	Supervising Privacy And Security In Cashless Society Through Block-China Technology	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
26	Mr. R.Sivaiah	1	Main	Improved Security Using Fog Based Encrypted Control System	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
27	Ms. Kommi Sreelakshmi	1	Main	Secure And Efficient Search Scheme For Encrypted Image Using KNN Search In Cloud Environment	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>

28	Ms. Palem Chandrakala	1	Main	Predicting Crop Yield In Indian Agriculture Using Ensemble Learning Model	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
29	Ms. Palem Chandrakala	1	Main	Diabetes Prediction Using Machine Learning Basic And Ensemble Algorithms	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
30	Mr. Thurimerla Prasanth	1	Main	Bitcoin Price Prediction Using Machine Learning Techniques	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
31	Mr. Thurimerla Prasanth	1	Main	Breast Cancer Diagnosis Using Machine Learning Techniques	Jupiter Publications Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
32.	Dr. V. Sireesha	2	Main	Advanced Trends in Computer Science And Information Technology	Jupiter Publication Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>
33	Dr.Y.Pavan Kumar Reddy	2	Others	Advanced Trends in Computer Science And Information Technology	Jupiter Publication Consortium	978-93-91303-04-04	<a href="http://www.jpc.in.net/book68.html">http://www.jpc.in.net/book68.html</a>



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**R & D and Consultancy Activities**

**Books and Book Chapters**

**AY: 2019-20**

<b>S. No.</b>	<b>Name of the Faculty Author</b>	<b>No of Authors</b>	<b>Main Author/ other</b>	<b>Title of the Book/ Chapter</b>	<b>Name of the Publisher</b>	<b>ISBN Number</b>	<b>URL</b>
1.	Dr. Y. Jahnavi	1	Main Author	Data Classification Using Waikato Environment For Knowledge Analysis	LAMBERT Academic Publishing	978-613-9-44593-6	<a href="https://Classification-Waikato-Environment-Knowledge-Analysis/dp/6139445930">https://Classification-Waikato-Environment-Knowledge-Analysis/dp/6139445930</a>



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**AY: 2018-19**

<b>S. No.</b>	<b>Name of the Faculty Author</b>	<b>No of Authors</b>	<b>Main Author/ other</b>	<b>Title of the Book/ Chapter</b>	<b>Name of the Publisher</b>	<b>ISBN Number</b>	<b>URL</b>
1.	Dr. Y. Jahnavi	1	Main Author	A New Term Weighting Algorithm for Identifying Salignent Events	LAMBERT Academic Publishing	978-613-6-87638-2	<a href="https://www.morebooks.de/store/gb/book/a-new-term-weighting-algorithm-for-identifying-salignent-events/isbn/978-613-6-87638-2">https://www.morebooks.de/store/gb/book/a-new-term-weighting-algorithm-for-identifying-salignent-events/isbn/978-613-6-87638-2</a>
2.	Mr. K. Venkata Nagendra	2	Main Author	Introduction To Big Data	AkiNik Publications	978-93-5335-095-6	<a href="https://www.akinik.com/products/236/introduction-to-big-data">https://www.akinik.com/products/236/introduction-to-big-data</a>





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**Books and Book Chapters**

AY: 2017-18

S. No.	Name of the Faculty Author	No of Authors	Main Author/ other	Title of the Book/ Chapter	Name of the Publisher	ISBN Number	URL
1.	Ms. Veguru Gayatri	1	Main Author	A Study on congestion control in mobile adhoc networks	International Journal of Computer Application	2250-1797	<a href="https://rpublication.com/ijca/2016/oct16/9.pdf">https://rpublication.com/ijca/2016/oct16/9.pdf</a>
		1	Main Author	Attack detection and attack prevention methods by comparing different DDOS in wireless adhoc models	International Journal of Computer Application	2250-1797	<a href="https://rpublication.com/ijca/2016/oct16/8.pdf">https://rpublication.com/ijca/2016/oct16/8.pdf</a>
		3	other(2)	Secure level alien parallel trust against sybil attack in p2p e-commerce	International Journal of Information and Technology	2454-5414	<a href="https://www.academia.edu/2963042/2/IJIT-V2I5P5_Desamuthu_Pushpalatha_Veguru_Gayathri_Yeturu_Jahnavi">https://www.academia.edu/2963042/2/IJIT-V2I5P5_Desamuthu_Pushpalatha_Veguru_Gayathri_Yeturu_Jahnavi</a>
		3	other(2)	Designing an optimal data delivery strategy at Base station in mobility nets	International Journal of Information Technology	2454-5414	<a href="http://www.ijitjournal.org/volume-2/issue-5/IJIT-V2I5P3.pdf">http://www.ijitjournal.org/volume-2/issue-5/IJIT-V2I5P3.pdf</a>



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**AY: 2016-17**

<b>S. No.</b>	<b>Name of the Faculty Author</b>	<b>No of Authors</b>	<b>Main Author/ other</b>	<b>Title of the Book/ Chapter</b>	<b>Name of the Publisher</b>	<b>ISBN Number</b>	<b>URL</b>
1.	Ms. Veguru Gayatri	4	Other(4)	Confrontation and Oppurtunities of big Data - A Survey	IEEE Xplore	978-1-5090-6400-7	<a href="https://doi.10.1109/ICBDACI.2017.8070827">https://doi.10.1109/ICBDACI.2017.8070827</a> <a href="https://ieeexplore.ieee.org/document/8070827">https://ieeexplore.ieee.org/document/8070827</a>
		3	Other(2)	pay roll management system	International Journal of Recent research Aspects	2349-7688	<a href="https://www.ijrra.net/Vol5issue1/IJRRR-05-01-47.pdf">https://www.ijrra.net/Vol5issue1/IJRRR-05-01-47.pdf</a>