

**PRASAD V. POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY**  
**KANURU, VIJAYAWADA**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**Interaction with outside world**  
**Journal Publications**  
**Academic Year 2020-21**

S.No.	Authors	Affiliation	Topic Title	Journal Name	ISSN	Volume	Issue	Page No.'s	Month & Year	Indexing
1.	M.Aruna Safali, Dr.G.Reshma, Dr. N.Raghaendra Sai	IT	Machine learning For ALL	Vyusta Ventures LLP	First	978-93-91145-35-4	2021	2020-21		
2.	Dr. P.J.S.Kumar, Mrs. Polagani Rama Devi, Dr.N.Raghavenra Sai Dr. S.Sai Kumar, Mr. Tharani Benarji	PVPSIT	Battling Fake News: A survey on Mitigation Techniques and Identification	5 <sup>th</sup> International Conference on Trends in Electronics and Informatics (ICOEI 2021) organized by SCAD College of Engineering and Technology , Tirunelveli, Tamilnadu , India	978-1-6654-1570-5				3 <sup>rd</sup> to 5 <sup>th</sup> June 2021.	IEEE
3.	J.Sirisha, K.Swathi, P. Rama Koteswara Rao	PVPSIT	An Efficient Approach for Merging Small Files in HDFS Storage	“Turkish Journal of Computer and Mathematics Education(TURCOMAT)”	ISSN: 1309-4653	12	0	4667 - 4673	April, 2021.	<b>OTHERS</b>

			and Accessing Small Files by Using Name Node Method in Big Data							
4.	<b>Haritha Akkineni, Pratuisha Koripilli, Venkata Suneetha Takellapalli, Deepthi Gurram</b>	PVPSIT	An Integrated Feature Engineering Approach to Identify Falsity in COVID-19 Information”	Journal of Cardiovascular Disease Research.	0975-2833	11	2	333-344	2020	(SCOPUS) Indexed pending.
5.	<b>Swarajya Lakshmi V. Papineni, A. Mallikharjuna Reddy, Sudeepti Yarlagada, Snigdha Yarlagadda, Haritha Akkineni</b>	PVPSIT	An Extensive Analytical Approach on Human Resources using Random Forest Algorithm	International Journal of Engineering Trends and Technology doi:10.14445/22315381/IJETT-V69I5P217	2231 – 5381	<b>69</b>	5	119-127	May 2021	<b>SCOPUS</b>
6.	<b>D.Leela Dharani, V.Sowjaya</b>	PVPSIT	"Machine Learning Algorithms Analysis On The Application Of Cancer Analysis"	Turkish Journal of Computer and Mathematics Education	1309-4653	12	8	134-142	April 2021.	<b>OTHERS</b>

7.	<b>B. Naga Sudheer, Ch.Praneeth, K.Sarada, P.Radha Madhavi</b>	PVPSIT	Cryptocurrency and Blockchain: A Comparative Study and Analysis	Annals of the Romanian Society for Cell Biology	1583-6258	25	6	2616 - 2624	08 May 2021	<b>(SCOPUS ) Indexing Pending</b>
8.	<b>Dr. G. Lakshmi Dr. R. Vijaya Kumar Reddy, Dr. B. Srinivasa Rao, Dr. G. Rajesh Chandra</b>	PVPSIT	Optimized threshold based EM Fusion Technique for Shrimp White Spot Disease Detection	International Journal of Advanced Trends in Computer Science and Engineering	ISSN 2278-3091	9	4	6577 – 6584	July – August 2020	<b>SCOPUS</b>
9.	<b>Dr. R. Vijaya Kumar Reddy G VenuGopal, Girijaswi Rajanala, V.Sambasivarao, N. Harshavardhan, T.Ajay</b>	PVPSIT	Transforming Unstructured data to Structured data using Map Reduce and HBase	International Journal of Emerging Trends in Engineering Research	ISSN 2347 - 3983	8	9	5755 – 5759	September 2020	<b>SCOPUS</b>
10.	<b>Dr. R. Vijaya Kumar Reddy Dr.Shaik Subhani, Dr. G. Rajesh Chandra, Dr. B.Srinivasa Rao</b>	PVPSIT	Breast Cancer Prediction using Classification Techniques	International Journal of Emerging Trends in Engineering Research	ISSN 2347 - 3983	8	9	6074 – 6079	September 2020	<b>SCOPUS</b>
11.	<b>Pachipala Yellamma,</b>	PVPSIT	Breast Cancer Diagnosis Using	International Journal of Emerging Trends in	ISSN 2347 -	8	9	5539 –	September 2020	<b>SCOPUS</b>

	<b>Ch.Smitha Chowdary, G. Karunakar, Dr.B V Subba Rao, Vithya Ganesan</b>		MLP Back Propagation	Engineering Research	3983			5544		
<b>12.</b>	<b>Dr. K.Pavan Kumar, PESN Krishna Prasad, Dr.Y.Suresh, P.Sitarama Murthy</b>	PVPSIT	Multimodal Authentication using Tensor Algebra	International Journal of Emerging Trends in Engineering Research	ISSN 2347 - 3983	8	9	5091 - 5094	September 2020	<b>SCOPUS</b>
<b>13.</b>	Dr.S.Sai Kumar, Y.K. Sundara Krihna, Praveen Tumuluru, P.Ravi Kiran	PVPSIT	Design and development of a sign language gesture recognition using open cv	International Journal of Advanced Trends in Computer Science and Engineering		9	5	8504 - 8508	September to October 2020	<b>SCOPUS</b>
<b>14.</b>	Dr PVS Lakshmi, Snigdha Yarlagadda, Dr A.Haritha, A. Mallikharjuna A.Mallikharjuna Reddy	PVPSIT	Big data analytics applying the fusion approach of multicriteria decision making with deep learning algorithms	International Journal of Engineering Trends and Technology /doi:10.14445/22315381/IJETT-V69I1P204	2231 – 5381	69	1	24-28,	January 2021	<b>SCOPUS</b>
<b>15.</b>	Dr.B V Subba Rao,Challa Sundeep Babu, G.Siva	PVPSIT	Environment Safe Modeling of Automatic Helmet Detection	Journal of Green Engineering (JGE) February 2021	1511-1524	11	2		February 2021	<b>SCOPUS</b>

	Nageswara Rao, G.Subba Rao		Using SVM Techniques							
16.	P.E.S.N Krishna Prasad, Dr. K.Pavan Kumar, Dr.Y.Suresh, Sagar Yeruva	PVPSIT	<b>Image Fusion using LUKR in Multi Modal Authentication</b>	<b>International Conference on Advances in Computer Engineering and Communication Systems</b>	Learning and Analytics in Intelligent Systems 20 Doi.org/1 0.1007/97 8-981-15- 9293- 5_40			447- 452	13 <sup>th</sup> & 14 <sup>th</sup> August,202 0	Springer Conference <b>Scopus</b>
17.	Shaik Subhani, Dr. R. Vijaya Kumar Reddy, Subbarao Peram, B.Srinivasa Rao	PVPSIT	<b>Bank Marketing using Intelligent Targeting</b>	<b>1st International Conference on Machine Intelligence and Soft Computing (ICMISC- 2020)</b>				481- 490	3 <sup>rd</sup> & 4 <sup>th</sup> September, 2020	Springer Conference <b>Scopus</b>
18.	P.Ravi Prakash Dr R.VijayKumar Reddy KVN Krishna Mohan(Other)	PVPSIT	<b>A Survey on online during COVID-19 Panedemic</b>	<b>5<sup>th</sup> Intertenational multidisciplinary Research conference ,Osmania University Center, Hyderabad</b>	ISBN 978-81- 948668-1- 7			117- 122	26 <sup>th</sup> December 2020	---

## BOOKS

Sl.No.	Faculty Name	Dept.	Title of the Book	Publisher Name	Edition	ISBN No.	Month & Year of Publication	Academic Year
1.	Dr R Vijaya Kumar Reddy	IT	Data Structure & algorithm using C	BH International Publications	First	978-81-946124-8-3	October 2020	2020-21

## Book Chapters

S.No	Authors	Affiliation	Title of the Chapter	Conference Name	Page Nos	Month & Year	ISBN	Organizers	Indexing
1.	Dr PVS Lakshmi Dr A Haritha	PVPSIT	ACNNADDP: An Adaptive Convolution Neural Network Algorithm for Diabetic Disease Prediction	Recent Challenges and Applications of Machine Learning and Data Science	16-24	Dec 2020	978-93-5437-721-1	Immortal Publications	
2.	Dr PVS Lakshmi, B.Srikanth Reddy, Snigdha Yarlagadda	PVPSIT	A Comparitive study on Restaurant Recommendation System Based on Machine Learning Algorithms	Recent Challenges and Applications of Machine Learning and Data Science	1-7	Dec 2020	978-93-5437-721-1	Immortal Publications	

## Faculty Members acted as Resource Person

(Outside the College)

S.No.	Name	Event Name	Roll	Date(s)
1	Dr. R.Vijay Kumar Reddy	Guest Lecture for students on “Fundamental on Machine Learning”in SVREC, Nandyal on 22 June 2020	Delivered a talk	22- June 2020
2.	Dr. R.Vijay Kumar Reddy	FDP ON “Deep Learning and its Applications”conducted by Department of Computer Science & Engineering scheduled from 7 <sup>th</sup> to 12 December,2020	Delivered a talk	12-December -2020