Publications Summary Sheet: Publications of CSE Department in the year 2020-21

Sl. No.	Name of the author	Title of the article	Name of the Journal	National or international	Impact factor	Web of Science Indexed Yes/No	SCOPUS Indexed Yes/No	UGC Approved Indexed Yes/No
1	Dr.T.M.N.Vamsi	1. An IoT Based Smart Garbage Monitoring and Disposal Support System. 2. An IoT based Smart Home with Virtual Assistant.	IEEE Xplore: 06 May 2021, Publisher: IEEE, DOI: 10.1109/ICCMC51019. 2021.9418289. IEEE Xplore: 10 May 2021, Publisher: IEEE, DOI: 10.1109/I2CT51068.20 21.9417883	International	--------	----------	Yes	------------
2	Dr.N.V.Ramana Murty	1)A Novel Integrated Prognosis & Diagnosis System for Lung Cancer Disease Detection using Soft Computing Techniques. 2) Communicated one paper entitled "Design and Development of Lung Cancer Expert System using Ontology Techniques"	International Journal of Computers & Technology. "Journal of Reliable Intelligent Environments"	International	--------	----------	Yes	------------
3	Dr.Bh.Padma	1) "Defense Against Frequency Analysis in Elliptic Curve Cryptography Using K-Means Clustering",	ICCCIS- 2021, Sharda University, Noida, Delhi. (IEEE Conference)					

			19th – 20th, Feb-2021.Published in IEEE Xplore "2021 International Conference on Computing, Communication, and Intelligent Systems (ICCCIS)", 2021, pp. 64-69, doi: 10.1109/ICCCIS51004. 2021.9397065.: 12th April 2021. I .	International	--------	----------	Yes	------------
		2) "Insurance Approval Analysis using Machine Learning Algorithms https://doi.org/10.26438/ijcse/ v8i12.4650, Available online at: www.ijcseonline.org	",IJCSE (International Journal of Computer Sciences and Engineering), Dec, 2020, Vol. 8, Issue.12, December 2020 E-ISSN: 2347-2693 DOI:	International	----------	----------	-----------	------------
		3) DNA Based Pattern Representation for Mobile Security", CHSN 2020, JNTUK, 28th - 29th Dec, 2020.,	To be published in "Advances and Applications in Mathematical Sciences" (WoS indexed), (Abstract Published in Proceeding of CHSN-2020).	International	----------	Yes	---------	---------

4	Sri.S.S.V.R.Kumar .A	"e-SimNet: A Visual Similar Product Recommender System for E-commerce"	Indonesian Journal of Electrical Engineering and Computer Science, in April 2021.					
		• Accepted paper on "Single Stage Deep Transfer Learning Model for Apparel Detection and Classification for E-Commerce".	International Journal for Electronic Commerce Studies (IJECS) in January 2021.	**All 4 Papers are Scopus Indexed**				
		"A Graph Invariant Based TGO Model for RailTel Optical Networks"	Proceedings of ICICA 2020, Advances in Intelligent Systems and Computing, 23rd December 2020, Springer (Web of Science).					
				International	------	-------	Yes	-----
		"Probabilistic Unsupervised Machine Learning Approach for a Similar Image Recommender System for E-Commerce"	Symmetry, October 2020 (SCOPUS & SCIE Indexed, IF: 2.645)					

		• Published a paper on "Real Time Multi-Scale Facial Mask Detection and Classification Using Deep Transfer Learning Techniques"	International Journal of Advanced Trends in Computer Science and Engineering (SCOPUS Indexed) in August 2020					
5	Sri G.Kalyan Chakravarthi	"Real Time Multi-Scale Facial Mask Detection and Classification Using Deep Transfer Learning Techniques"	International Journal of Advanced Trends in Computer Science and Engineering, Volume 9, No.4, July – August 2020, ISSN 2278-3091. DOI:https://doi.org/10. 30534/ijatcse/2020/339 42020	International	--------	----------	Yes	------------
6	Smt.P.Anitha	"Real Time Multi-Scale Facial Mask Detection and Classification Using Deep Transfer Learning Techniques.	International Journal of Advanced Trends in Computer Science and Engineering, Volume 9, No.4, July – August 2020, ISSN 2278-3091. DOI:https://doi.org/10. 30534/ijatcse/2020/339 42020	International	--------	----------	Yes	------------
7	Smt.G.Preethi	DNA BASED PATTERN REPRESENTATION FOR MOBILE SECURITY-	CHSN 2020, JNTUK, 28th - 29th Dec, 2020.,	International	--------	Yes	-----------	------------

List of Books Chapters Published by Faculty in the Year of 2020-2021:

Sl No.	Name of the Faculty	Title of the Chapter & Book	Name of the Publisher	Status of the Publication
1	Dr. T.M.N. Vamsi	"IOT Applications in Research Domains" for the Book "Cyber-Physical, IOT and Autonomous Systems in Industry 4.0"	CPIOTASI4: Taylor and Francis Group, CRC PRESS.	Accepted and To be Published
2	Dr. N.V. Ramana Murty	"Ontology based Expert System for Lung Cancer disease Diagnosis" for the Book "Trends and Technologies in Ontology Based Information Retrieval for Health Care System".	TTOBIR-2021, NOVA SCIENCE PUBLISHERS, US.	Accepted and To be Published
3	Dr. Bh. Padma	"Cyber Systems and Security in Industry 4.0" for the Book "Cyber-Physical, IOT and Autonomous Systems in Industry 4.0"	CPIOTASI4: Taylor and Francis Group, CRC PRESS.	Accepted & to be Published
4	Dr. T.M.N. Vamsi	"Cyber Systems and Security in Industry 4.0" for the Book "Cyber-Physical, IOT and Autonomous Systems in Industry 4.0"	CPIOTASI4: Taylor and Francis Group, CRC PRESS.	Accepted & to be Published

Two of the Faculty Members Dr.T.M.N.Vamsi, Professor & Dr.N.V.Ramana Murty, Associate Professor & HOD of CSE Department identified as Ph.D Research Scholars by Andhra University and each of them are assigned with two Ph.D Scholars for the academic year 2020-21.

S.No	Name of the Research Guide	Name of the Scholar	Date of Registration at AU	Joining reported submitted at GVPCDPGC (A)
1	Dr.T.M.N Vamsi	Mr.I.Lakshmi Narayana	9th July 2020	1st March 2021
2	Dr.T.M.N Vamsi	Mr.A.Janardhana Rao	16th July 2020	1st March 2021
3	Dr.N.V.Ramana Murty	Mr.I.Ravindra Kumar	10th July 2020	1st March 2021
4	Dr.N.V.Ramana Murty	Mr.G.Sriram Ganesh	8th August 2020	Not Reported yet

Publications Summary Sheet: Publications of CSE Department in the year 2019-20

S.no	Name of the Faculty	Designation	Title/Topic	Name of the Journal	International / National	Year of Publication
1	Dr.T.M.N.Vamsi	Professor	"An Embedded System Design For Guiding Visually Impaired Personnel An Embedded System Design For Guiding Visually Impaired Personnel"	IEEE Explore	International	2020
			A Machine Learning Approach for Estimating Crop Damage based on Leaf Disease Detection	International Journal of Research in Advent Technology	International	2019
			A Novel Digital Voting System with Integrated Technologies (DVSIT)	Asian Journal of Computer Science and Technology	International	2019
			A Novel Approach for Document Classification based on Clustering and Weighted Frequency Pattern Tree Algorithm	International Journal of Research and Analytical Reviews	International	2019
2	Dr.N.V.Ramana Murty	Associate Professor & HOD	IOT Based Air Pollution Monitoring System	International Journal of Research in Advent Technology	International	2019

			Liver Disease Prediction and Diagnosis Expert System using Data Mining Techniques	International Journal of Recent Technology and Engineering	International	2019
3	Dr.Bh.Padma	Associate Professor	An Identity based Secure Pattern Authentication System	IJRTE(SCOPUS)	International	2019
			Insurance Approval Analysis using Machine Learning Algorithms	IJCSE	International	2020
			"DNA Based Pattern Representation for Mobile Security" in the international conference CHSN 2020.	Proceedings of CHSN-2020	International	2020
4	Sri.G.Kalyan Chakravarthi		An Embedded System Design for Guiding Visually Impaired Personnel	IEEE-2019	International	2019
			An Approach For Obstacle Detection System For Vehicle Using IoT	IJRAT	International	2019
			Predicting Student Performance using Classification and Regression Trees Algorithm	IJITEE	International	2020
			Long Short Term Memory for Forecasting the Stock Market	IJAST	International	2020
5	Mrs.K.Venkata Ratnam	Assistant Professor	Pipeline Leakage Detection and Monitoring System using IoT	International Journal of Management, Technology And Engineering	International	2019
			Machine Learning in Intrusion Detection – A Survey	International Journal of Computer Sciences and Engineering	International	2019

			Fuzzy Logic-Based Controller Framework To Control A Mobile Robot Over The Behavior Of 'Viewpoint-Action' Undetermined Environments	Article -proceedings	international	2020
6	Mrs.P.Anitha	Assistant Professor	Machine Learning in Intrusion Detection – A Survey	International Journal of Computer Sciences and Engineering	International	2019
			Real Time Multi-Scale Facial Mask Detection and Classification Using Deep Transfer Learning Techniques	IJATCSE	International	2020
			"DNA Based Pattern Representation for Mobile Security" in the international conference CHSN 2020.	Proceedings of CHSN-2020	International	2020
7	Mr.S.S.V.R.Kumar Addagarla	Assistant Professor	A survey on comprehensive trends in recommendation systems & applications	IJECS	International	2019
			A New Approach Of Hybrid Power Generation Model Using IoT	IJMTE	International	2019
8	Mrs.G.Preethi	Assistant Professor	Real Time Environmental Data Collection and Analytics using Internet of Things	IJMTE	International	2019
			An Enhanced approach to extract top-K high productive itemsets	SPRINGER	International	2020