Summary of Publications for the Academic Year 2021-22

Journals							
S.No.	Details	SCI	SCOPUS	WOS	UGC	Other	Total
1	International Journals	Nil	5	Nil	Nil	12	17
2	National Journals	Nil	Nil	Nil	Nil	Nil	00

Conferences & Book Chapters					
S.No.	Details	SCOPUS	WOS	UGC	Other	Total
1	International Conferences	7	Nil	Nil	3	10
2	Book Chapters	5	Nil	Nil	Nil	05

Books			
S.No.	Details	NATIONAL	INTERNATIONAL	Total
1	Books	Nil	1	01

Patents			
S.No.	Details	NATIONAL	INTERNATIONAL	Total
1	Patents	2	Nil	02

Faculty I/c.   HOD, IT

Journal Publications – 2021-22

SCOPUS INDEX					
S. No.	**Faculty Name**	**Title of the paper**	**Journals Name**	**Cite**	**INDEX**
1	Dr.K.Ram Mohan Rao	Pandemic Penetration: Factors for Measurement	SN Computer Science	Chebolu, V.S.A., Datta, A., Chebolu, N.A.B.S. et al. Pandemic Penetration: Factors for Measurement. SN COMPUT. SCI. 2, 451 (2021). https://doi.org/10.1007/s42979-021-00844-w	Scopus
2	T.Hitendra Sarma	Hybrid Learning Approach for Feature Extraction and Classification in Hyperspectral Images	Indian Journal of Computer Science and Engineering	Murali Kanthi ,T. Hitendra Sarma ,C. Shoba Bindu"Hybrid Learning Approach for Feature Extraction and Classification in Hyperspectral Images"Hybrid Learning Approach for Feature Extraction and Classification in Hyperspectral Images, Vol. 12 No.6Nov-Dec2021,DOI10.21817/indjcse/2021/v12i6/211206007	Scopus
3	T.Hitendra Sarma	A 3D-Inception CNN for Hyperspectral Image Classification	International Journal of Intelligent Engineering and Systems	Murali Kanthi,T. Hitendra Sarma,C. Shoba Bindu"A 3D-Inception CNN for Hyperspectral Image Classification" International Journal of Intelligent Engineering and Systems, Vol.15, No.1, 2022 DOI: 10.22266/ijies2022.0228.21	Scopus
4	Dr. V.Venkata Krishna	Magnitude Based Twin Textin co-occurrence Matrix for image Retrieval	Journal of Theoretical and Applied Information Technology	M.Vijayashanthi ,Dr.V.Venkata Krishna, Dr.G.Venkata Rami Reddy "Magnitude Based Twin Textin co-occurrence Matrix for image Retrieval"Journal of Theoretical and Applied Information Technology,15th June 2022. Vol.100. No 11, ISSN: 1992-8645 , E-ISSN: 1817-3195	Scopus
5	Dr. V.Venkata Krishna	Age Classification Based on Relative-Features Derived on Circular and Elliptical Neighbourhoods using Machine Learning Classifiers	Journal of Theoretical and Applied Information Technology	Swarna, A.,Krishna, V.V.,Supreethi, K.P,"Age Classification Based on Relative-Features Derived on Circular and Elliptical Neighborhoods using Machine Learning Classifiers "Journal of Theoretical and Applied Information Technology , 2022, 100(16), pp. 5291–5307	Scopus

				NON-REFERRED		
S. No	**Faculty Name**	**Title of the paper**	**Journal Name**	**Cite**		**INDEX**
1	Dr. K. Shyam Sunder Reddy	Machine Learning Models for Predicting the Output of a Solar Panel to Diagnose the Panel Faults	Turkish Journal of Physiotherapy and Rehabilitation	Dr. G. Ramesh, Dr. K. Shyam Sunder Reddy, Dr. D. Venkatesh, "Machine Learning Models For Predicting The Output Of A Solar Panel To Diagnose The Panel Faults" Turkish Journal of Physiotherapy and Rehabilitation; 32(2) pp2476-2487 JuLY 2021,ISSN 2651-4451 | e-ISSN 2651-446X		Non-referred
2	Dr. T. Hitendra Sarma	Low-Cost Home Automation using IoT	High Technology Letters	Dr. T. Hitendra Sarma,R. Dharma Reddy, Dr. V.Venkata Krishna, B. Harshini "Low-Cost Home Automation using IoT"High Technology Letters International Journal Impact Factor:2.7 Volume 27, Issue: 8,ISSN: 1006-6748		Non-referred
3	Dr. S.K. Chaya Devi	Smart Vehicle Parking Management Using IoT	High Technology Letters	Dr. S.K. Chaya Devi , Sai Krishna Reddy Koppula , Sai Teja Puli"Smart Vehicle Parking Management Using IoT"high technology letters journal , scopus indexed Volume 27, Issue 9, 2021,pp95-103,ISSN NO : 1006-6748		Non-referred
4	Mukesh Kumar Tripathi	Fused descriptor based framework for recognition of fruits and veggies using color, texture and shape feature	High Technology Letters	Shivendra,kasa Chiranjeevi,Mukesh Kumar Tripathi,Kovvur Ram Mohan Rao"Fused descriptor based framework for recognition of fruits and veggies using color, texture and shape feature"High Technology Letters Journal Volume 27, Issue 9,pp162-183,ISSN NO : 1006-6748		Non-referred
5	Kalluri Rama Krishnaa	Third Party Audit Integrated Cloud Micro Services Approach for Security and Integrity for Assorted Real Time Applications	Turkish Online Journal of Qualitative Inquiry	Kalluri Rama Krishnaa and Dr. C.V.Guru Rao b,"Third Party Audit Integrated Cloud MicroServices Approach for Security and Integrity for Assorted Real Time Applications"Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 7, July 2021: 11426 – 11434,e-ISSN 1309-6591		Non-referred
6	Dr. V.Venkata Krishna	An Effective Slant Detection and Correction Method Based on the Tilted Rectangle Method for Telugu Manuscript Terms	International Journal of Information Technology Project Management	Vijaya Kumar V.,G. Bindu Madhavi, Dr.V. Krishna Vakula, " An Effective Slant Detection and Correction Method Based on the Tilted Rectangle Method for Telugu Manuscript Terms" International Journal of Information Technology Project Management. pp 25-37, Volume 12, Issue 4 DOI: 10.4018/IJITPM.2021100103		Non-referred

S. No	Faculty Name	Title of the paper	Journal Name	Cite	INDEX
7	Dr. K. Ram Mohan Rao	A Big Data based Framework for executing complex query on Covid Data set in Apache Spark	Design Engineering	M. Jayanthi, Dr. K. Ram Mohan Rao, "A Big Data based Framework for executing complex query on Covid Data set in Apache Spark", Design Engineering, issue: 8, pp:8376-8383, ISSN: 0011-9342	Non-referred
8	Haseebayaseen	Physiological Signal Processing via Machine Learning for Personal Stress Detection	International Journal of Biology, Pharmacy, and allied Sciences (IJBPAS) A Bridge Between Laboratory & Reader	Sumathy B, Haseebayaseen, Vijay Kumar, Abhishek Ashok,Mohan and Kannadasan B," Physiological Signal Processing via Machine Learning for Personal Stress Detection"International Journal of Biology, Pharmacy, and allied Sciences (IJBPAS) A Bridge Between Laboratory & Reader, Special Issue, 2021, 10(11): pp442-453	Non-referred
9	Dr. V.Venkata Krishna	C-STCM: Image Retrieval using Color Based Stretched Text on Co-Occurrence Matrix	Design Engineering	M. Vijayashanthi , Dr.V.Venkata Krishna, Dr. G. Venkata Rami Reddy ,"C-STCM: Image Retrieval using Color Based Stretched Text on Co-Occurrence Matrix" Design Engineering	Year 2021 Issue: 8	Pages: 14412 - 14435 [14412]	Non-referred
10	Mr. K. Rama Krishna	ELTPA: Effective Lightweight Third-Party Authentication Protocol for Cloud Integrity and Security	International Journal of Scientific Research in Science, Engineering and Technology	Mr. K. Rama Krishna,Dr. CV Guru Rao"ELTPA: Effective Lightweight Third-Party Authentication Protocol for Cloud Integrity and Security"International Journal of Scientific Research in Science, Engineering and Technology, Print ISSN: 2395-1990, Online, ISSN: 2394-4099	Non-referred
11	Ms. Haseeba Yaseen,Ms. G Radha	YOLO Based Object Detection	Journal of Emerging Technologies and Innovative Research	Ms.Haseeba Yaseen ,Ms. G Radha, "YOLO Based Object Detection", Journal of Emerging Technologies and Innovative Research, An International Scholarly Open Access Peer-Reviewed Refereed Journal (JETIR2205585) Volume 9, Issue 5 pp: e703-e708,ISSN 2349-5162	Non-referred
12	K. Ram Mohan Rao	Secure and QoS Routing through Node Behaviour based Trust and Reputation forecasting in Mobile Ad Hoc Networks (MANET)	Design Engineering	M. Venkat Dass,K. Ram Mohan Rao, L. R. Raju"Secure and QoS Routing through Node Behaviour based Trust and Reputation forecasting in Mobile Ad Hoc Networks (MANET)",Design Engineering, pp. 15558-15572, Nov. 2021,ISSN: 0011-9342	Non-referred

Conference Publications – 2021-22

S. No.	Faculty Name	Title of the paper	Conference Name	Cite	INDEX
1	Dr. Chaya Devi S.K	License Plate Detection of Motorcyclists without Helmets	International Conference on Computational Intelligence & Data Analytics (ICCIDA-2022) held in online mode during 8-9 January, 2022	Vishal Reddy Gurrala, Dr. Chaya Devi S.K, Aakarsh Yelisetty, Gowtham Bhujam" License Plate Detection of Motorcyclists without Helmets", International Conference on Computational Intelligence & Data Analytics (ICCIDA-2022) held in online mode during 8-9 January, 2022	Scopus
2	Dr. N Anil Kumar	Second-hand Car Price Prediction	International Conference on Computational Intelligence & Data Analytics (ICCIDA-2022) held in online mode during 8-9 January, 2022	Dr. N Anil Kumar," Second-hand Car Price Prediction", International Conference on Computational Intelligence & Data Analytics (ICCIDA-2022) held in online mode during 8-9 January, 2022	Scopus
3	Divya Lingineni, DRL Prasanna	Object Detection and Tracking using Deep SORT	International Conference on Computational Intelligence & Data Analytics (ICCIDA-2022) held in online mode during 8-9 January, 2022	Divya Lingineni, DRL Prasanna, Sai Yada," Object Detection and Tracking using DeepSORT", International Conference on Computational Intelligence & Data Analytics (ICCIDA-2022) held in online mode during 8-9 January, 2022	Scopus
4	Dr. K. Shyamsunder Reddy	An Empirical Study on Discovering Software Bugs using Machine Learning Techniques	International Conference on Computational Intelligence & Data Analytics (ICCIDA-2022) held in online mode during 8-9 January, 2022	G. Ramesh,Dr. K. Shyamsunder Reddy,Ramu Gandikota,Y C A Padmanabha Reddy,P. Surekha,"An Empirical Study on Discovering Software Bugs using Machine Learning Techniques", International Conference on Computational Intelligence & Data Analytics (ICCIDA-2022) held in online mode during 8-9 January, 2022	Scopus
5	Leelavathy B, Dr. K. Ram Moan Rao	Prediction of Rainfall Using Different Machine Learning Regression Models	International Conference on Computational Intelligence & Data Analytics (ICCIDA-2022) held in online mode during 8-9 January, 2022	Leelavathy B, Dr. K. Ram Moan Rao, Dheeraj Sai Rohit, Vivek, "Prediction of Rainfall Using Different Machine Learning Regression Models", International Conference on Computational Intelligence & Data Analytics (ICCIDA-2022) held in online mode during 8-9 January, 2022	Scopus

S. No.	Faculty Name	Title of the paper	Conference Name	Cite	INDEX
6	S. Aruna	Secure Communication and Pothole Detection for UAV Platforms	International Conference on Computational Intelligence & Data Analytics (ICCIDA-2022) held in online mode during 8-9 January, 2022	S.Aruna, Lahari Pokala, Suraj Pabba, Junaid, "Secure Communication And Pothole Detection For UAV Platforms", International Conference on Computational Intelligence & Data Analytics (ICCIDA-2022) held in online mode during 8-9 January, 2022	Scopus
7	Mukesh Kumar Tripathi	Detection of Fruits Image Applying Decision Tree Classifier Techniques	International Conference on Computational Intelligence & Data Analytics (ICCIDA-2022) held in online mode during 8-9 January, 2022	Shivendra, Dr. kasa Chiranjeevi, Mukesh Kumar Tripathi, "Detection of Fruits Image Applying Decision Tree Classifier Techniques", International Conference on Computational Intelligence & Data Analytics (ICCIDA-2022) held in online mode during 8-9 January, 2022	Scopus
8	Mrs. S. Sreelakshmi	Timestamp prediction using Enhanced Adaptive Correlation Clustering based Recommender System for the Long Tail Items	5th Edition of International Conference on Communications and Cyber-Physical Engineering (ICCCE-2022), CMR Engg. College 29-30 April, 2022	Mrs. S. Sreelakshmi, Dr. T. Adilakshmi, "Timestamp prediction using Enhanced Adaptive Correlation Clustering based Recommender System for the Long Tail Items"5th Edition of International Conference on Communications and Cyber-Physical Engineering (ICCCE-2022), CMR Engg. College 29-30 April, 2022.	Other
9	Dr. S.K Chaya Devi	Early Prediction of Sepsis Using Convolutional and Recurrent Neural Networks	ICAPAC, international conference, MGIT, Hyderabad	Dr. S.K Chaya Devi, Y Varun Reddy, K Sai Sri Vasthav, and G Praneeth, "Early Prediction of Sepsis Using Convolutional and Recurrent Neural Networks", ICAPAC, international conference, MGIT, Hyderabad	Other
10	Dr. V. Venkata Krishna	A Neoteric Framework for CBIR using Color-Cross Diagonal Neighborhood Texton Matrix	International Conference on Advances in Computer Engineering & Communication Technology ICACET-2021 22-23 October, 2021	Dr. V. Venkata Krishna" A Neoteric Framework for CBIR using Color-Cross Diagonal Neighborhood Texton Matrix", International Conference on Advances in Computer Engineering & Communication Technology ICACET-2021 22-23 October, 2021	Other

Book Chapters – 2021-22

S. No.	Faculty Name	Title of the paper	Cite	INDEX
1	S. S. Lakshmi	An adaptive clustering-based Recommender system for the long tail items	Lakshmi, S.S., AdiLakshmi, T., Abhinith, B. (2021). An Adaptive Correlation Clustering-Based Recommender System for the Long-Tail Items. In: Satapathy, S.C., Bhateja, V., Favorskaya, M.N., Adilakshmi, T. (eds) Smart Computing Techniques and Applications. Smart Innovation, Systems and Technologies, vol 224. Springer, Singapore. https://doi.org/10.1007/978-981-16-1502-3_50	SCOPUS
2	C. Sireesha	Synthetic Face Image Generation Using Deep Learning	Sireesha, C., Sai Venunath, P., Sri Surya, N. (2022). Synthetic Face Image Generation Using Deep Learning. In: Reddy, A.B., Kiranmayee, B., Mukkamala, R.R., Srujan Raju, K. (eds) Proceedings of Second International Conference on Advances in Computer Engineering and Communication Systems. Algorithms for Intelligent Systems. Springer, Singapore. https://doi.org/10.1007/978-981-16-7389-4_22	SCOPUS
3	Dr. Hitendra Sarma	A New CNN for Pixel Classification in Hyperspectral Images	Hitendra Sarma, T., Kakarla, S. (2022). A New CNN for Pixel Classification in Hyperspectral Images. In: Saraswat, M., Roy, S., Chowdhury, C., Gandomi, A.H. (eds) Proceedings of International Conference on Data Science and Applications. Lecture Notes in Networks and Systems, vol 287. Springer, Singapore. https://doi.org/10.1007/978-981-16-5348-3_61	SCOPUS
4	C. Sireesha	Music Therapy Based on Facial Emotion Prediction System	Dr. M. Swapna, Dr. G. Padmasree, C. Sireesha "Music Therapy Based on Facial Emotion Prediction System", Advances In Science, Technology And Innovations, First Edition: January, 2022, Chapter-7, Pages: 86-99,ISBN: 978-93-93737-59-5,	SCOPUS
5	Dr.Ramesh Vasappanavara	A Hybrid Clustering Approach for Faster Propagation of Emergency Messages in VANET	Puja Padiya, Amarsinh Vidhate & Ramesh Vasappanavara,"A Hybrid Clustering Approach for Faster Propagation of Emergency Messages in VANET",Lecture Notes in Electrical Engineering book series (LNEE,volume 869),04 April 2022	SCOPUS

Books – 2021-22

S. No.	Faculty Name	Book Title	Name of the Publisher	Book ISSN/ISBN	National/International
1	T. Hitendra Sarma	Improvements over Fuzzy clustering methods for large Datasets	LAP-LAMBERT Academic Publishing	ISBN: 978-620-2-78672-0: 978-620-3-92917-1.	International

PATENTS – 2021-22

S. No.	Faculty Name	Title	Application No.	Published Month
1	Dr B Kezia Rani	Machine Learning Model For Predicting Severity Prognosis in Patients Infected With Covid -19	IP India 202141032115	Date of Application: 16/07/2021 Publication Date: 13/08/2021
2	Mukesh Kumar Tripathi	Development of Novel Hybrid Intelligent System with Neutrosophic Approach for Automatic Mango Grading	IP India 202241001868 A	Date of Application: 12.01.2022 Publication Date: 28.01.2022